

**NATIONAL EVALUATION OF THE ENERGY EFFICIENCY AND
CONSERVATION BLOCK GRANT PROGRAM**

Volume III: Appendix M

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APPENDIX M. SUMMARY TABLES OF DETAILED ENERGY IMPACTS AND BILL SAVINGS ESTIMATES

Index of Tables

Table	Statistics	Units	All Evaluated BPAs	Energy Efficiency and Conservation Strategy (Direct Grants)	Financial Incentive Program	Energy Efficiency Retrofits	Buildings and Facilities	Lighting	Onsite Renewable Technology
Overall Energy Savings by Fuel Type and Year	Total Estimates	Original Site	Table M-1, Page 7	Table M-82, Page 88	Table M-163, Page 169	Table M-244, Page 250	Table M-325, Page 331	Table M-406, Page 412	Table M-487, Page 493
	Total Estimates	Source MMBtu	Table M-2, Page 8	Table M-83, Page 89	Table M-164, Page 170	Table M-245, Page 251	Table M-326, Page 332	Table M-407, Page 413	Table M-488, Page 494
	Average per Year Estimates	Original Site	Table M-3, Page 9	Table M-84, Page 90	Table M-165, Page 171	Table M-246, Page 252	Table M-327, Page 333	Table M-408, Page 414	Table M-489, Page 495
	Average per Year Estimates	Source MMBtu	Table M-4, Page 10	Table M-85, Page 91	Table M-166, Page 172	Table M-247, Page 253	Table M-328, Page 334	Table M-409, Page 415	Table M-490, Page 496
	Row Percent Estimates	Source MMBtu	Table M-5, Page 11	Table M-86, Page 92	Table M-167, Page 173	Table M-248, Page 254	Table M-329, Page 335	Table M-410, Page 416	Table M-491, Page 497
	Column Percent Estimates	Source MMBtu	Table M-6, Page 12	Table M-87, Page 93	Table M-168, Page 174	Table M-249, Page 255	Table M-330, Page 336	Table M-411, Page 417	Table M-492, Page 498
Overall Renewable Generation by Fuel Type and Year	Total Estimates	Original Site	Table M-7, Page 13	Table M-88, Page 94	Table M-169, Page 175	Table M-250, Page 256	Table M-331, Page 337	Table M-412, Page 418	Table M-493, Page 499
	Total Estimates	Source MMBtu	Table M-8, Page 14	Table M-89, Page 95	Table M-170, Page 176	Table M-251, Page 257	Table M-332, Page 338	Table M-413, Page 419	Table M-494, Page 500
	Average per Year Estimates	Original Site	Table M-9, Page 15	Table M-90, Page 96	Table M-171, Page 177	Table M-252, Page 258	Table M-333, Page 339	Table M-414, Page 420	Table M-495, Page 501
	Average per Year Estimates	Source MMBtu	Table M-10, Page 16	Table M-91, Page 97	Table M-172, Page 178	Table M-253, Page 259	Table M-334, Page 340	Table M-415, Page 421	Table M-496, Page 502
	Row Percent Estimates	Source MMBtu	Table M-11, Page 17	Table M-92, Page 98	Table M-173, Page 179	Table M-254, Page 260	Table M-335, Page 341	Table M-416, Page 422	Table M-497, Page 503
	Column Percent Estimates	Source MMBtu	Table M-12, Page 18	Table M-93, Page 99	Table M-174, Page 180	Table M-255, Page 261	Table M-336, Page 342	Table M-417, Page 423	Table M-498, Page 504
EECBG-Attributable Energy Savings by Fuel Type and Year	Total Estimates	Original Site	Table M-13, Page 19	Table M-94, Page 100	Table M-175, Page 181	Table M-256, Page 262	Table M-337, Page 343	Table M-418, Page 424	Table M-499, Page 505
	Total Estimates	Source MMBtu	Table M-14, Page 20	Table M-95, Page 101	Table M-176, Page 182	Table M-257, Page 263	Table M-338, Page 344	Table M-419, Page 425	Table M-500, Page 506
	Average per Year Estimates	Original Site	Table M-15, Page 21	Table M-96, Page 102	Table M-177, Page 183	Table M-258, Page 264	Table M-339, Page 345	Table M-420, Page 426	Table M-501, Page 507
	Average per Year Estimates	Source MMBtu	Table M-16, Page 22	Table M-97, Page 103	Table M-178, Page 184	Table M-259, Page 265	Table M-340, Page 346	Table M-421, Page 427	Table M-502, Page 508
	Row Percent Estimates	Source MMBtu	Table M-17, Page 23	Table M-98, Page 104	Table M-179, Page 185	Table M-260, Page 266	Table M-341, Page 347	Table M-422, Page 428	Table M-503, Page 509
	Column Percent Estimates	Source MMBtu	Table M-18, Page 24	Table M-99, Page 105	Table M-180, Page 186	Table M-261, Page 267	Table M-342, Page 348	Table M-423, Page 429	Table M-504, Page 510
EECBG-Attributable Energy Savings by Sector and Year	Total Estimates	Site MMBtu	Table M-19, Page 25	Table M-100, Page 106	Table M-181, Page 187	Table M-262, Page 268	Table M-343, Page 349	Table M-424, Page 430	Table M-505, Page 511
	Total Estimates	Source MMBtu	Table M-20, Page 26	Table M-101, Page 107	Table M-182, Page 188	Table M-263, Page 269	Table M-344, Page 350	Table M-425, Page 431	Table M-506, Page 512

Table	Statistics	Units	All Evaluated BPAs	Energy Efficiency and Conservation Strategy (Direct Grants)	Financial Incentive Program	Energy Efficiency Retrofits	Buildings and Facilities	Lighting	Onsite Renewable Technology
	Average per Year Estimates	Site MMBtu	Table M-21, Page 27	Table M-102, Page 108	Table M-183, Page 189	Table M-264, Page 270	Table M-345, Page 351	Table M-426, Page 432	Table M-507, Page 513
	Average per Year Estimates	Source MMBtu	Table M-22, Page 28	Table M-103, Page 109	Table M-184, Page 190	Table M-265, Page 271	Table M-346, Page 352	Table M-427, Page 433	Table M-508, Page 514
	Row Percent Estimates	Source MMBtu	Table M-23, Page 29	Table M-104, Page 110	Table M-185, Page 191	Table M-266, Page 272	Table M-347, Page 353	Table M-428, Page 434	Table M-509, Page 515
	Column Percent Estimates	Source MMBtu	Table M-24, Page 30	Table M-105, Page 111	Table M-186, Page 192	Table M-267, Page 273	Table M-348, Page 354	Table M-429, Page 435	Table M-510, Page 516
EECBG-Attributable Energy Savings by Fuel Type and Sector	Total Estimates	Original Site	Table M-25, Page 31	Table M-106, Page 112	Table M-187, Page 193	Table M-268, Page 274	Table M-349, Page 355	Table M-430, Page 436	Table M-511, Page 517
	Total Estimates	Source MMBtu	Table M-26, Page 32	Table M-107, Page 113	Table M-188, Page 194	Table M-269, Page 275	Table M-350, Page 356	Table M-431, Page 437	Table M-512, Page 518
	Average per Year Estimates	Original Site	Table M-27, Page 33	Table M-108, Page 114	Table M-189, Page 195	Table M-270, Page 276	Table M-351, Page 357	Table M-432, Page 438	Table M-513, Page 519
	Average per Year Estimates	Source MMBtu	Table M-28, Page 34	Table M-109, Page 115	Table M-190, Page 196	Table M-271, Page 277	Table M-352, Page 358	Table M-433, Page 439	Table M-514, Page 520
	Row Percent Estimates	Source MMBtu	Table M-29, Page 35	Table M-110, Page 116	Table M-191, Page 197	Table M-272, Page 278	Table M-353, Page 359	Table M-434, Page 440	Table M-515, Page 521
	Column Percent Estimates	Source MMBtu	Table M-30, Page 36	Table M-111, Page 117	Table M-192, Page 198	Table M-273, Page 279	Table M-354, Page 360	Table M-435, Page 441	Table M-516, Page 522
EECBG-Attributable Renewable Generation by Fuel Type and Year	Total Estimates	Original Site	Table M-31, Page 37	Table M-112, Page 118	Table M-193, Page 199	Table M-274, Page 280	Table M-355, Page 361	Table M-436, Page 442	Table M-517, Page 523
	Total Estimates	Source MMBtu	Table M-32, Page 38	Table M-113, Page 119	Table M-194, Page 200	Table M-275, Page 281	Table M-356, Page 362	Table M-437, Page 443	Table M-518, Page 524
	Average per Year Estimates	Original Site	Table M-33, Page 39	Table M-114, Page 120	Table M-195, Page 201	Table M-276, Page 282	Table M-357, Page 363	Table M-438, Page 444	Table M-519, Page 525
	Average per Year Estimates	Source MMBtu	Table M-34, Page 40	Table M-115, Page 121	Table M-196, Page 202	Table M-277, Page 283	Table M-358, Page 364	Table M-439, Page 445	Table M-520, Page 526
	Row Percent Estimates	Source MMBtu	Table M-35, Page 41	Table M-116, Page 122	Table M-197, Page 203	Table M-278, Page 284	Table M-359, Page 365	Table M-440, Page 446	Table M-521, Page 527
	Column Percent Estimates	Source MMBtu	Table M-36, Page 42	Table M-117, Page 123	Table M-198, Page 204	Table M-279, Page 285	Table M-360, Page 366	Table M-441, Page 447	Table M-522, Page 528
EECBG-Attributable Renewable Generation by Sector and Year	Total Estimates	Site MMBtu	Table M-37, Page 43	Table M-118, Page 124	Table M-199, Page 205	Table M-280, Page 286	Table M-361, Page 367	Table M-442, Page 448	Table M-523, Page 529
	Total Estimates	Source MMBtu	Table M-38, Page 44	Table M-119, Page 125	Table M-200, Page 206	Table M-281, Page 287	Table M-362, Page 368	Table M-443, Page 449	Table M-524, Page 530
	Average per Year Estimates	Site MMBtu	Table M-39, Page 45	Table M-120, Page 126	Table M-201, Page 207	Table M-282, Page 288	Table M-363, Page 369	Table M-444, Page 450	Table M-525, Page 531
	Average per Year Estimates	Source MMBtu	Table M-40, Page 46	Table M-121, Page 127	Table M-202, Page 208	Table M-283, Page 289	Table M-364, Page 370	Table M-445, Page 451	Table M-526, Page 532
	Row Percent Estimates	Source MMBtu	Table M-41, Page 47	Table M-122, Page 128	Table M-203, Page 209	Table M-284, Page 290	Table M-365, Page 371	Table M-446, Page 452	Table M-527, Page 533

Table	Statistics	Units	All Evaluated BPAs	Energy Efficiency and Conservation Strategy (Direct Grants)	Financial Incentive Program	Energy Efficiency Retrofits	Buildings and Facilities	Lighting	Onsite Renewable Technology
	Column Percent Estimates	Source MMBtu	Table M-42, Page 48	Table M-123, Page 129	Table M-204, Page 210	Table M-285, Page 291	Table M-366, Page 372	Table M-447, Page 453	Table M-528, Page 534
EECBG-Attributable Renewable Generation by Fuel Type and Sector	Total Estimates	Original Site	Table M-43, Page 49	Table M-124, Page 130	Table M-205, Page 211	Table M-286, Page 292	Table M-367, Page 373	Table M-448, Page 454	Table M-529, Page 535
	Total Estimates	Source MMBtu	Table M-44, Page 50	Table M-125, Page 131	Table M-206, Page 212	Table M-287, Page 293	Table M-368, Page 374	Table M-449, Page 455	Table M-530, Page 536
	Average per Year Estimates	Original Site	Table M-45, Page 51	Table M-126, Page 132	Table M-207, Page 213	Table M-288, Page 294	Table M-369, Page 375	Table M-450, Page 456	Table M-531, Page 537
	Average per Year Estimates	Source MMBtu	Table M-46, Page 52	Table M-127, Page 133	Table M-208, Page 214	Table M-289, Page 295	Table M-370, Page 376	Table M-451, Page 457	Table M-532, Page 538
	Row Percent Estimates	Source MMBtu	Table M-47, Page 53	Table M-128, Page 134	Table M-209, Page 215	Table M-290, Page 296	Table M-371, Page 377	Table M-452, Page 458	Table M-533, Page 539
	Column Percent Estimates	Source MMBtu	Table M-48, Page 54	Table M-129, Page 135	Table M-210, Page 216	Table M-291, Page 297	Table M-372, Page 378	Table M-453, Page 459	Table M-534, Page 540
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year	Total Estimates	Original Site	Table M-49, Page 55	Table M-130, Page 136	Table M-211, Page 217	Table M-292, Page 298	Table M-373, Page 379	Table M-454, Page 460	Table M-535, Page 541
	Total Estimates	Source MMBtu	Table M-50, Page 56	Table M-131, Page 137	Table M-212, Page 218	Table M-293, Page 299	Table M-374, Page 380	Table M-455, Page 461	Table M-536, Page 542
	Average per Year Estimates	Original Site	Table M-51, Page 57	Table M-132, Page 138	Table M-213, Page 219	Table M-294, Page 300	Table M-375, Page 381	Table M-456, Page 462	Table M-537, Page 543
	Average per Year Estimates	Source MMBtu	Table M-52, Page 58	Table M-133, Page 139	Table M-214, Page 220	Table M-295, Page 301	Table M-376, Page 382	Table M-457, Page 463	Table M-538, Page 544
	Row Percent Estimates	Source MMBtu	Table M-53, Page 59	Table M-134, Page 140	Table M-215, Page 221	Table M-296, Page 302	Table M-377, Page 383	Table M-458, Page 464	Table M-539, Page 545
	Column Percent Estimates	Source MMBtu	Table M-54, Page 60	Table M-135, Page 141	Table M-216, Page 222	Table M-297, Page 303	Table M-378, Page 384	Table M-459, Page 465	Table M-540, Page 546
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year	Total Estimates	Site MMBtu	Table M-55, Page 61	Table M-136, Page 142	Table M-217, Page 223	Table M-298, Page 304	Table M-379, Page 385	Table M-460, Page 466	Table M-541, Page 547
	Total Estimates	Source MMBtu	Table M-56, Page 62	Table M-137, Page 143	Table M-218, Page 224	Table M-299, Page 305	Table M-380, Page 386	Table M-461, Page 467	Table M-542, Page 548
	Average per Year Estimates	Site MMBtu	Table M-57, Page 63	Table M-138, Page 144	Table M-219, Page 225	Table M-300, Page 306	Table M-381, Page 387	Table M-462, Page 468	Table M-543, Page 549
	Average per Year Estimates	Source MMBtu	Table M-58, Page 64	Table M-139, Page 145	Table M-220, Page 226	Table M-301, Page 307	Table M-382, Page 388	Table M-463, Page 469	Table M-544, Page 550
	Row Percent Estimates	Source MMBtu	Table M-59, Page 65	Table M-140, Page 146	Table M-221, Page 227	Table M-302, Page 308	Table M-383, Page 389	Table M-464, Page 470	Table M-545, Page 551
	Column Percent Estimates	Source MMBtu	Table M-60, Page 66	Table M-141, Page 147	Table M-222, Page 228	Table M-303, Page 309	Table M-384, Page 390	Table M-465, Page 471	Table M-546, Page 552
EECBG-Attributable Energy Savings and EECBG-	Total Estimates	Original Site	Table M-61, Page 67	Table M-142, Page 148	Table M-223, Page 229	Table M-304, Page 310	Table M-385, Page 391	Table M-466, Page 472	Table M-547, Page 553
	Total Estimates	Source MMBtu	Table M-62, Page 68	Table M-143, Page 149	Table M-224, Page 230	Table M-305, Page 311	Table M-386, Page 392	Table M-467, Page 473	Table M-548, Page 554

Table	Statistics	Units	All Evaluated BPAs	Energy Efficiency and Conservation Strategy (Direct Grants)	Financial Incentive Program	Energy Efficiency Retrofits	Buildings and Facilities	Lighting	Onsite Renewable Technology
Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector	Average per Year Estimates	Original Site	Table M-63, Page 69	Table M-144, Page 150	Table M-225, Page 231	Table M-306, Page 312	Table M-387, Page 393	Table M-468, Page 474	Table M-549, Page 555
	Average per Year Estimates	Source MMBtu	Table M-64, Page 70	Table M-145, Page 151	Table M-226, Page 232	Table M-307, Page 313	Table M-388, Page 394	Table M-469, Page 475	Table M-550, Page 556
	Row Percent Estimates	Source MMBtu	Table M-65, Page 71	Table M-146, Page 152	Table M-227, Page 233	Table M-308, Page 314	Table M-389, Page 395	Table M-470, Page 476	Table M-551, Page 557
	Column Percent Estimates	Source MMBtu	Table M-66, Page 72	Table M-147, Page 153	Table M-228, Page 234	Table M-309, Page 315	Table M-390, Page 396	Table M-471, Page 477	Table M-552, Page 558
EECBG-Attributable Bill Savings by Fuel Type and Year	Total Estimates	Thousand 2009 Dollars	Table M-67, Page 73	Table M-148, Page 154	Table M-229, Page 235	Table M-310, Page 316	Table M-391, Page 397	Table M-472, Page 478	Table M-553, Page 559
	Row Percent Estimates	Thousand 2009 Dollars	Table M-68, Page 74	Table M-149, Page 155	Table M-230, Page 236	Table M-311, Page 317	Table M-392, Page 398	Table M-473, Page 479	Table M-554, Page 560
	Column Percent Estimates	Thousand 2009 Dollars	Table M-69, Page 75	Table M-150, Page 156	Table M-231, Page 237	Table M-312, Page 318	Table M-393, Page 399	Table M-474, Page 480	Table M-555, Page 561
	Total per EECBG-Attributable Energy Estimates	2009 Dollars Per Energy in Original Site Units	Table M-70, Page 76	Table M-151, Page 157	Table M-232, Page 238	Table M-313, Page 319	Table M-394, Page 400	Table M-475, Page 481	Table M-556, Page 562
	Total per EECBG-Attributable Energy Estimates	2009 Dollars Per Energy in Source MMBtu Units	Table M-71, Page 77	Table M-152, Page 158	Table M-233, Page 239	Table M-314, Page 320	Table M-395, Page 401	Table M-476, Page 482	Table M-557, Page 563
EECBG-Attributable Bill Savings by Sector and Year	Total Estimates	Thousand 2009 Dollars	Table M-72, Page 78	Table M-153, Page 159	Table M-234, Page 240	Table M-315, Page 321	Table M-396, Page 402	Table M-477, Page 483	Table M-558, Page 564
	Row Percent Estimates	Thousand 2009 Dollars	Table M-73, Page 79	Table M-154, Page 160	Table M-235, Page 241	Table M-316, Page 322	Table M-397, Page 403	Table M-478, Page 484	Table M-559, Page 565
	Column Percent Estimates	Thousand 2009 Dollars	Table M-74, Page 80	Table M-155, Page 161	Table M-236, Page 242	Table M-317, Page 323	Table M-398, Page 404	Table M-479, Page 485	Table M-560, Page 566
	Total per EECBG-Attributable Energy Estimates	2009 Dollars Per Energy in Site MMBtu Units	Table M-75, Page 81	Table M-156, Page 162	Table M-237, Page 243	Table M-318, Page 324	Table M-399, Page 405	Table M-480, Page 486	Table M-561, Page 567
	Total per EECBG-Attributable Energy Estimates	2009 Dollars Per Energy in Source MMBtu Units	Table M-76, Page 82	Table M-157, Page 163	Table M-238, Page 244	Table M-319, Page 325	Table M-400, Page 406	Table M-481, Page 487	Table M-562, Page 568
EECBG-Attributable Bill Savings by Fuel Type and Sector	Total Estimates	Thousand 2009 Dollars	Table M-77, Page 83	Table M-158, Page 164	Table M-239, Page 245	Table M-320, Page 326	Table M-401, Page 407	Table M-482, Page 488	Table M-563, Page 569
	Row Percent Estimates	Thousand 2009 Dollars	Table M-78, Page 84	Table M-159, Page 165	Table M-240, Page 246	Table M-321, Page 327	Table M-402, Page 408	Table M-483, Page 489	Table M-564, Page 570
	Column Percent Estimates	Thousand 2009 Dollars	Table M-79, Page 85	Table M-160, Page 166	Table M-241, Page 247	Table M-322, Page 328	Table M-403, Page 409	Table M-484, Page 490	Table M-565, Page 571
	Total per EECBG-Attributable Energy Estimates	2009 Dollars Per Energy in Original Site Units	Table M-80, Page 86	Table M-161, Page 167	Table M-242, Page 248	Table M-323, Page 329	Table M-404, Page 410	Table M-485, Page 491	Table M-566, Page 572
	Total per EECBG-	2009 Dollars Per	Table M-81,	Table M-162,	Table M-243,	Table M-324,	Table M-405,	Table M-486,	Table M-567,

Table	Statistics	Units	All Evaluated BPAs	Energy Efficiency and Conservation Strategy (Direct Grants)	Financial Incentive Program	Energy Efficiency Retrofits	Buildings and Facilities	Lighting	Onsite Renewable Technology
	Attributable Energy Estimates	Energy in Source MMBtu Units	Page 87	Page 168	Page 249	Page 330	Page 411	Page 492	Page 573

**Table M-1 EECBG BPA, Total of Six Evaluated BPAs
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2,492 (2,692)	272,792 (234,831)	833,837 (396,129)	1,539,771 (695,806)	1,609,463 (732,743)	1,645,698 (787,073)	8,796,088 (5,074,084)	11,428,387 (11,287,803)	5,015,321* (6,958,148)	159,306 (195,141)	31,303,154 (24,895,273)
Natural Gas, Units=KTherms	8* (14)	2,281 (2,555)	10,467 (11,513)	16,123 (10,730)	16,625 (10,737)	16,853 (10,764)	105,783 (65,622)	130,894 (72,986)	53,319 (53,678)	18,073* (23,097)	370,427 (209,717)
Oil, Units=KTherms	-	14* (22)	180* (272)	279 (316)	279 (316)	279 (316)	1,675 (1,898)	898 (1,031)	55* (89)	-	3,658 (3,882)
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	122,144* (199,008)	101,787* (165,840)	-	-	305,360* (497,519)
Diesel, Units=Site MMBtu	-	-	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	2,810,271* (4,198,769)	4,683,785* (6,997,949)	-	-	9,367,571* (13,995,898)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	11,827,013* (19,173,558)	19,686,280* (31,955,901)	-	-	39,397,969* (63,911,818)
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	9,348 (9,096)	1,160,260 (844,765)	6,369,798 (3,735,528)	9,354,020 (4,161,045)	9,642,064 (4,236,575)	9,788,518 (4,362,914)	55,518,724 (26,986,285)	76,646,241 (51,294,364)	22,450,342 (24,809,299)	2,350,860* (2,974,701)	193,290,175 (109,904,546)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-2 EECBG BPA, Total of Six Evaluated BPAs
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	28,393 (30,681)	3,108,755 (2,676,148)	9,502,475 (4,514,318)	17,547,356 (7,929,457)	18,341,569 (8,350,393)	18,754,502 (8,969,550)	100,240,928 (57,824,666)	130,238,810 (128,636,705)	57,154,995* (79,295,616)	1,815,464 (2,223,847)	356,733,248 (283,708,519)
Natural Gas	886* (1,446)	238,813 (267,476)	1,095,919 (1,205,420)	1,688,062 (1,123,411)	1,740,670 (1,124,193)	1,764,559 (1,126,960)	11,075,500 (6,870,645)	13,704,575 (7,641,644)	5,582,510 (5,620,057)	1,892,228* (2,418,233)	38,783,722 (21,957,336)
Oil	-	1,378* (2,247)	18,182* (27,471)	28,194 (31,949)	28,194 (31,949)	28,194 (31,949)	169,166 (191,697)	90,656 (104,092)	5,511* (8,989)	-	369,475 (392,090)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	122,144* (199,008)	101,787* (165,840)	-	-	305,360* (497,519)
Diesel	-	-	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	2,838,374* (4,240,757)	4,730,623* (7,067,929)	-	-	9,461,247* (14,135,857)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	11,945,284* (19,365,294)	19,883,143* (32,275,460)	-	-	39,791,949* (64,550,937)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	29,280 (30,511)	3,348,946 (2,693,333)	13,100,875 (5,754,892)	21,747,913 (8,628,955)	22,594,733 (9,020,834)	23,031,555 (9,618,148)	126,391,395 (61,518,708)	168,749,595 (133,351,899)	62,743,016* (79,998,736)	3,707,691* (4,640,227)	445,445,000 (292,987,203)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-3 EECBG BPA, Total of Six Evaluated BPAs
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2009-2050	2,492 (2,692)	272,792 (234,831)	833,837 (396,129)	1,539,771 (695,806)	1,609,463 (732,743)	1,645,698 (787,073)	1,466,015 (845,681)	1,142,839 (1,128,780)	501,532* (695,815)	15,931 (19,514)	745,313 (592,745)
Natural Gas, Units=KTherms	2009-2050	8* (14)	2,281 (2,555)	10,467 (11,513)	16,123 (10,730)	16,625 (10,737)	16,853 (10,764)	17,631 (10,937)	13,089 (7,299)	5,332 (5,368)	1,807* (2,310)	8,820 (4,993)
Oil, Units=KTherms	2010-2034	-	14* (22)	180* (272)	279 (316)	279 (316)	279 (316)	279 (316)	90 (103)	14* (22)	-	146 (155)
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	2011-2025	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	-	-	20,357* (33,168)
Diesel, Units=Site MMBtu	2011-2030	-	-	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	-	-	468,379* (699,795)
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	2011-2030	-	-	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,968,628* (3,195,590)	-	-	1,969,898* (3,195,591)
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2009-2050	9,348 (9,096)	1,160,260 (844,765)	6,369,798 (3,735,528)	9,354,020 (4,161,045)	9,642,064 (4,236,575)	9,788,518 (4,362,914)	9,253,121 (4,497,714)	7,664,624 (5,129,436)	2,245,034 (2,480,930)	235,086* (297,470)	4,602,147 (2,616,775)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-4 EECBG BPA, Total of Six Evaluated BPAs
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2009-2050	28,393 (30,681)	3,108,755 (2,676,148)	9,502,475 (4,514,318)	17,547,356 (7,929,457)	18,341,569 (8,350,393)	18,754,502 (8,969,550)	16,706,821 (9,637,444)	13,023,881 (12,863,671)	5,715,500* (7,929,562)	181,546 (222,385)	8,493,649 (6,754,965)
Natural Gas	2009-2050	886* (1,446)	238,813 (267,476)	1,095,919 (1,205,420)	1,688,062 (1,123,411)	1,740,670 (1,124,193)	1,764,559 (1,126,960)	1,845,917 (1,145,107)	1,370,458 (764,164)	558,251 (562,006)	189,223* (241,823)	923,422 (522,794)
Oil	2010-2034	-	1,378* (2,247)	18,182* (27,471)	28,194 (31,949)	28,194 (31,949)	28,194 (31,949)	28,194 (31,949)	9,066 (10,409)	1,378* (2,247)	-	14,779 (15,684)
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	2011-2025	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	-	-	20,357* (33,168)
Diesel	2011-2030	-	-	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	-	-	473,062* (706,793)
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	2011-2030	-	-	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,988,314* (3,227,546)	-	-	1,989,597* (3,227,547)
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2050	29,280 (30,511)	3,348,946 (2,693,333)	13,100,875 (5,754,892)	21,747,913 (8,628,955)	22,594,733 (9,020,834)	23,031,555 (9,618,148)	21,065,233 (10,253,118)	16,874,959 (13,335,190)	6,274,302* (7,999,874)	370,769* (464,023)	10,605,833 (6,975,886)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-5 EECBG BPA, Total of Six Evaluated BPAs
Overall Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	0.9% (1.0%)	2.7% (1.3%)	4.9% (3.1%)	5.1% (3.1%)	5.3% (2.9%)	28.1% (7.0%)	36.5% (7.9%)	16.0% (9.9%)	0.5%* (0.7%)	100.0% (0.0%)
Natural Gas	-	0.6%* (0.8%)	2.8% (2.2%)	4.4% (1.9%)	4.5% (1.7%)	4.5% (1.7%)	28.6% (9.0%)	35.3% (3.7%)	14.4% (11.2%)	4.9% (5.2%)	100.0% (0.0%)
Oil	-	0.4%* (0.7%)	4.9% (4.7%)	7.6% (1.5%)	7.6% (1.5%)	7.6% (1.5%)	45.8% (8.8%)	24.5% (16.4%)	1.5%* (2.7%)	-	100.0% (0.0%)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	6.7% (0.0%)	6.7% (0.0%)	6.7% (0.0%)	6.7% (0.0%)	40.0% (0.0%)	33.3% (0.0%)	-	-	100.0% (0.0%)
Diesel	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	-	-	100.0% (0.0%)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.1%)	-	-	100.0% (0.0%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.8% (0.7%)	2.9% (1.3%)	4.9% (2.5%)	5.1% (2.4%)	5.2% (2.3%)	28.4% (5.9%)	37.9% (5.9%)	14.1% (9.5%)	0.8%* (1.1%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-6 EECBG BPA, Total of Six Evaluated BPAs
Overall Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	97.0% (6.1%)	92.8% (9.3%)	72.5% (21.6%)	80.7% (14.8%)	81.2% (14.4%)	81.4% (14.3%)	79.3% (16.2%)	77.2% (23.2%)	91.1% (13.3%)	49.0% (2.2%)	80.1% (17.7%)
Natural Gas	3.0%* (6.1%)	7.1%* (9.3%)	8.4% (8.9%)	7.8% (5.7%)	7.7% (5.5%)	7.7% (5.5%)	8.8% (6.5%)	8.1% (7.5%)	8.9%* (13.3%)	51.0% (2.2%)	8.7% (7.1%)
Oil	-	-	0.1%* (0.2%)	0.1% (0.2%)	0.1% (0.2%)	0.1% (0.2%)	0.1%* (0.2%)	0.1%* (0.1%)	-	-	0.1%* (0.1%)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	0.2%* (0.3%)	0.1%* (0.2%)	0.1%* (0.2%)	0.1%* (0.1%)	0.1%* (0.2%)	0.1%* (0.1%)	-	-	0.1%* (0.1%)
Diesel	-	-	3.6%* (5.4%)	2.2%* (3.3%)	2.1%* (3.2%)	2.1%* (3.1%)	2.2%* (3.5%)	2.8%* (4.6%)	-	-	2.1%* (3.4%)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	15.2%* (21.7%)	9.2%* (13.9%)	8.8%* (13.5%)	8.6%* (13.2%)	9.5%* (14.5%)	11.8%* (19.1%)	-	-	8.9%* (14.4%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-7 EECBG BPA, Total of Six Evaluated BPAs
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	1,966 (2,413)	41,138 (18,535)	50,804 (21,856)	50,912 (21,831)	50,912 (21,831)	305,472 (130,988)	499,607 (217,333)	249,465 (115,306)	-	1,250,276 (543,909)
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	6,707 (8,233)	140,368 (63,242)	173,352 (74,575)	173,719 (74,491)	173,719 (74,491)	1,042,313 (446,948)	1,704,731 (741,572)	851,209 (393,441)	-	4,266,117 (1,855,893)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-8 EECBG BPA, Total of Six Evaluated BPAs
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	6,707 (8,232)	140,362 (63,240)	173,345 (74,572)	173,712 (74,488)	173,712 (74,488)	1,042,270 (446,930)	1,704,661 (741,542)	851,174 (393,425)	-	4,265,942 (1,855,817)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	6,707 (8,232)	140,362 (63,240)	173,345 (74,572)	173,712 (74,488)	173,712 (74,488)	1,042,270 (446,930)	1,704,661 (741,542)	851,174 (393,425)	-	4,265,942 (1,855,817)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-9 EECBG BPA, Total of Six Evaluated BPAs
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	2010-2036	-	1,966 (2,413)	41,138 (18,535)	50,804 (21,856)	50,912 (21,831)	50,912 (21,831)	50,912 (21,831)	49,961 (21,733)	41,577 (19,218)	-	46,307 (20,145)
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2010-2036	-	6,707 (8,233)	140,368 (63,242)	173,352 (74,575)	173,719 (74,491)	173,719 (74,491)	173,719 (74,491)	170,473 (74,157)	141,868 (65,574)	-	158,004 (68,737)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

**Table M-10 EECBG BPA, Total of Six Evaluated BPAs
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	2010-2036	-	6,707 (8,232)	140,362 (63,240)	173,345 (74,572)	173,712 (74,488)	173,712 (74,488)	173,712 (74,488)	170,466 (74,154)	141,862 (65,571)	-	157,998 (68,734)
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	6,707 (8,232)	140,362 (63,240)	173,345 (74,572)	173,712 (74,488)	173,712 (74,488)	173,712 (74,488)	170,466 (74,154)	141,862 (65,571)	-	157,998 (68,734)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-11 EECBG BPA, Total of Six Evaluated BPAs
Overall Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	0.2%* (0.2%)	3.3% (0.8%)	4.1% (0.1%)	4.1% (0.1%)	4.1% (0.1%)	24.4% (0.5%)	40.0% (0.4%)	20.0% (1.1%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.2%* (0.2%)	3.3% (0.8%)	4.1% (0.1%)	4.1% (0.1%)	4.1% (0.1%)	24.4% (0.5%)	40.0% (0.4%)	20.0% (1.1%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-12 EECBG BPA, Total of Six Evaluated BPAs
Overall Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-13 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2,492 (2,692)	271,472 (234,739)	783,350 (377,072)	1,394,108 (663,865)	1,419,629 (700,694)	1,415,511 (756,762)	7,479,351 (4,937,927)	10,755,689 (11,277,183)	4,966,755* (6,958,066)	159,303 (195,137)	28,647,659 (24,774,625)
Natural Gas, Units=KTherms	8* (14)	2,097 (2,301)	10,276 (11,464)	14,042 (8,891)	13,415 (8,071)	13,330 (8,125)	84,557 (50,116)	106,902 (62,806)	52,769 (53,662)	18,072* (23,096)	315,468 (182,602)
Oil, Units=KTherms	-	14* (22)	180* (272)	180* (272)	180* (272)	180* (272)	1,080* (1,632)	303 (351)	55* (89)	-	2,171* (3,033)
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	122,144* (199,008)	101,787* (165,840)	-	-	305,360* (497,519)
Diesel, Units=Site MMBtu	-	-	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	2,810,271* (4,198,769)	4,683,785* (6,997,949)	-	-	9,367,571* (13,995,898)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	11,827,013* (19,173,558)	19,686,280* (31,955,901)	-	-	39,397,969* (63,911,818)
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	9,348 (9,096)	1,137,337 (834,189)	6,178,372 (3,711,671)	8,639,016 (4,057,713)	8,663,341 (4,114,151)	8,640,803 (4,245,038)	48,843,720 (26,367,364)	71,892,260 (51,117,701)	22,229,621 (24,808,565)	2,350,783* (2,974,580)	178,584,602 (109,090,605)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-14 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	28,393 (30,681)	3,093,713 (2,675,109)	8,927,115 (4,297,141)	15,887,363 (7,565,461)	16,178,206 (7,985,160)	16,131,279 (8,624,117)	85,235,278 (56,273,015)	122,572,695 (128,515,683)	56,601,538* (79,294,678)	1,815,434 (2,223,800)	326,471,012 (282,333,610)
Natural Gas	886* (1,446)	219,529 (240,883)	1,075,863 (1,200,324)	1,470,217 (930,882)	1,404,511 (845,014)	1,395,624 (850,665)	8,853,108 (5,247,146)	11,192,653 (6,575,753)	5,524,916 (5,618,382)	1,892,157* (2,418,121)	33,029,463 (19,118,479)
Oil	-	1,378* (2,247)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	109,090* (164,824)	30,581 (35,420)	5,511* (8,989)	-	219,286* (306,360)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	122,144* (199,008)	101,787* (165,840)	-	-	305,360* (497,519)
Diesel	-	-	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	2,838,374* (4,240,757)	4,730,623* (7,067,929)	-	-	9,461,247* (14,135,857)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	11,945,284* (19,365,294)	19,883,143* (32,275,460)	-	-	39,791,949* (64,550,937)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	29,280 (30,511)	3,314,619 (2,686,586)	12,505,459 (5,586,625)	19,860,062 (8,275,750)	20,085,198 (8,655,164)	20,029,385 (9,272,902)	109,103,277 (59,922,378)	158,511,481 (133,159,149)	62,131,964* (79,997,559)	3,707,591* (4,640,068)	409,278,316 (291,443,982)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-15 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2009-2050	2,492 (2,692)	271,472 (234,739)	783,350 (377,072)	1,394,108 (663,865)	1,419,629 (700,694)	1,415,511 (756,762)	1,246,558 (822,988)	1,075,569 (1,127,718)	496,676* (695,807)	15,930 (19,514)	682,087 (589,872)
Natural Gas, Units=KTherms	2009-2050	8* (14)	2,097 (2,301)	10,276 (11,464)	14,042 (8,891)	13,415 (8,071)	13,330 (8,125)	14,093 (8,353)	10,690 (6,281)	5,277 (5,366)	1,807* (2,310)	7,511 (4,348)
Oil, Units=KTherms	2010-2034	-	14* (22)	180* (272)	180* (272)	180* (272)	180* (272)	180* (272)	30 (35)	14* (22)	-	87* (121)
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	2011-2025	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	-	-	20,357* (33,168)
Diesel, Units=Site MMBtu	2011-2030	-	-	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	-	-	468,379* (699,795)
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	2011-2030	-	-	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,968,628* (3,195,590)	-	-	1,969,898* (3,195,591)
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2009-2050	9,348 (9,096)	1,137,337 (834,189)	6,178,372 (3,711,671)	8,639,016 (4,057,713)	8,663,341 (4,114,151)	8,640,803 (4,245,038)	8,140,620 (4,394,561)	7,189,226 (5,111,770)	2,222,962 (2,480,857)	235,078* (297,458)	4,252,014 (2,597,395)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
"n/a" indicates not applicable.
Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
KTherms = 1,000 Therms.

**Table M-16 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2009-2050	28,393 (30,681)	3,093,713 (2,675,109)	8,927,115 (4,297,141)	15,887,363 (7,565,461)	16,178,206 (7,985,160)	16,131,279 (8,624,117)	14,205,880 (9,378,836)	12,257,269 (12,851,568)	5,660,154* (7,929,468)	181,543 (222,380)	7,773,119 (6,722,229)
Natural Gas	2009-2050	886* (1,446)	219,529 (240,883)	1,075,863 (1,200,324)	1,470,217 (930,882)	1,404,511 (845,014)	1,395,624 (850,665)	1,475,518 (874,524)	1,119,265 (657,575)	552,492 (561,838)	189,216* (241,812)	786,416 (455,202)
Oil	2010-2034	-	1,378* (2,247)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	3,058 (3,542)	1,378* (2,247)	-	8,771* (12,254)
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	2011-2025	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	-	-	20,357* (33,168)
Diesel	2011-2030	-	-	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	-	-	473,062* (706,793)
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	2011-2030	-	-	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,988,314* (3,227,546)	-	-	1,989,597* (3,227,547)
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2050	29,280 (30,511)	3,314,619 (2,686,586)	12,505,459 (5,586,625)	19,860,062 (8,275,750)	20,085,198 (8,655,164)	20,029,385 (9,272,902)	18,183,879 (9,987,063)	15,851,148 (13,315,915)	6,213,196* (7,999,756)	370,759* (464,007)	9,744,722 (6,939,142)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
"n/a" indicates not applicable.
Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-17 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	0.9% (1.1%)	2.7% (1.5%)	4.9% (3.4%)	5.0% (3.2%)	4.9% (3.0%)	26.1% (5.8%)	37.5% (7.6%)	17.3% (9.7%)	0.6%* (0.8%)	100.0% (0.0%)
Natural Gas	-	0.7% (0.8%)	3.3% (2.8%)	4.5% (2.2%)	4.3% (1.8%)	4.2% (1.8%)	26.8% (9.4%)	33.9% (3.9%)	16.7% (11.9%)	5.7% (5.7%)	100.0% (0.0%)
Oil	-	0.6%* (1.2%)	8.3% (1.6%)	8.3% (1.6%)	8.3% (1.6%)	8.3% (1.6%)	49.7% (9.3%)	13.9% (9.4%)	2.5%* (4.9%)	-	100.0% (0.0%)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	6.7% (0.0%)	6.7% (0.0%)	6.7% (0.0%)	6.7% (0.0%)	40.0% (0.0%)	33.3% (0.0%)	-	-	100.0% (0.0%)
Diesel	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	-	-	100.0% (0.0%)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.1%)	-	-	100.0% (0.0%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.8% (0.9%)	3.1% (1.5%)	4.9% (2.7%)	4.9% (2.6%)	4.9% (2.3%)	26.7% (5.2%)	38.7% (5.6%)	15.2% (9.6%)	0.9%* (1.3%)	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-18 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	97.0% (6.1%)	93.3% (8.7%)	71.4% (22.2%)	80.0% (15.9%)	80.5% (15.8%)	80.5% (16.1%)	78.1% (18.5%)	77.3% (24.5%)	91.1% (13.4%)	49.0% (2.2%)	79.8% (19.2%)
Natural Gas	3.0% [*] (6.1%)	6.6% [*] (8.6%)	8.6% (9.3%)	7.4% (5.3%)	7.0% (4.9%)	7.0% (5.1%)	8.1% (6.2%)	7.1% (6.9%)	8.9% [*] (13.4%)	51.0% (2.2%)	8.1% (7.0%)
Oil	-	-	0.1% [*] (0.2%)	0.1% [*] (0.1%)	0.1% [*] (0.1%)	0.1% [*] (0.1%)	0.1% [*] (0.2%)	-	-	-	0.1% [*] (0.1%)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	0.2% [*] (0.3%)	0.1% [*] (0.2%)	0.1% [*] (0.2%)	0.1% [*] (0.2%)	0.1% [*] (0.2%)	0.1% [*] (0.1%)	0.1% [*] (0.1%)	-	0.1% [*] (0.1%)
Diesel	-	-	3.8% [*] (5.7%)	2.4% [*] (3.6%)	2.4% [*] (3.6%)	2.4% [*] (3.6%)	2.6% [*] (4.0%)	3.0% [*] (5.0%)	-	-	2.3% [*] (3.8%)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	15.9% [*] (22.6%)	10.0% [*] (15.2%)	9.9% [*] (15.0%)	9.9% [*] (15.1%)	10.9% [*] (16.8%)	12.5% [*] (20.5%)	-	-	9.7% [*] (15.8%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-19 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	3,163* (5,160)	83,787* (136,671)	2,785,659 (3,354,692)	3,416,303 (3,409,535)	3,639,683 (3,497,371)	3,835,283 (3,624,636)	27,880,129 (25,430,154)	52,482,208 (50,347,692)	21,821,079 (24,806,707)	2,350,783* (2,974,580)	118,298,078 (106,913,898)
Commercial	-	2,809 (3,481)	108,562* (154,975)	56,342 (52,168)	56,283 (52,150)	56,283 (52,150)	252,053 (249,695)	148,755 (171,476)	-	-	681,087 (571,279)
Industrial	-	-	-	478* (780)	478* (780)	478* (780)	2,868* (4,679)	4,781* (7,798)	478* (780)	-	9,561* (15,596)
Public Institutional	6,185* (7,724)	1,050,741 (832,637)	3,284,151 (1,631,159)	5,165,893 (2,279,735)	4,966,897 (2,238,015)	4,748,758 (2,249,988)	20,708,670 (7,412,938)	19,256,516 (8,922,940)	408,064 (307,658)	-	59,595,876 (22,591,805)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	9,348 (9,096)	1,137,337 (834,189)	6,178,372 (3,711,671)	8,639,016 (4,057,713)	8,663,341 (4,114,151)	8,640,803 (4,245,038)	48,843,720 (26,367,364)	71,892,260 (51,117,701)	22,229,621 (24,808,565)	2,350,783* (2,974,580)	178,584,602 (109,090,605)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

**Table M-20 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	10,565* (17,234)	95,781* (156,235)	4,396,234 (4,666,498)	5,896,775 (5,016,706)	6,525,362 (5,649,479)	7,156,468 (6,478,583)	57,641,446 (58,514,919)	116,051,546 (132,367,364)	61,059,432* (79,991,727)	3,707,591* (4,640,068)	262,541,200 (288,120,138)
Commercial	-	9,183 (11,331)	355,980* (516,965)	128,018 (113,981)	127,822 (113,903)	127,822 (113,903)	499,415 (469,600)	274,456 (299,383)	-	-	1,522,697 (1,173,090)
Industrial	-	-	-	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	9,580* (15,627)	15,967* (26,045)	1,597* (2,604)	-	31,934* (52,089)
Public Institutional	18,715* (25,424)	3,209,654 (2,694,080)	7,753,245 (3,135,820)	13,833,672 (6,673,209)	13,430,418 (6,636,528)	12,743,498 (6,678,328)	50,952,836 (13,684,132)	42,169,512 (14,677,284)	1,070,935 (971,684)	-	145,182,485 (45,422,649)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	29,280 (30,511)	3,314,619 (2,686,586)	12,505,459 (5,586,625)	19,860,062 (8,275,750)	20,085,198 (8,655,164)	20,029,385 (9,272,902)	109,103,277 (59,922,378)	158,511,481 (133,159,149)	62,131,964* (79,997,559)	3,707,591* (4,640,068)	409,278,316 (291,443,982)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-21 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2009-2050	3,163* (5,160)	83,787* (136,671)	2,785,659 (3,354,692)	3,416,303 (3,409,535)	3,639,683 (3,497,371)	3,835,283 (3,624,636)	4,646,688 (4,238,359)	5,248,221 (5,034,769)	2,182,108 (2,480,671)	235,078* (297,458)	2,816,621 (2,545,569)
Commercial	2010-2030	-	2,809 (3,481)	108,562* (154,975)	56,342 (52,168)	56,283 (52,150)	56,283 (52,150)	42,009 (41,616)	14,876 (17,148)	-	-	32,433 (27,204)
Industrial	2012-2031	-	-	-	478* (780)	478* (780)	478* (780)	478* (780)	478* (780)	478* (780)	-	478* (780)
Public Institutional	2009-2040	6,185* (7,724)	1,050,741 (832,637)	3,284,151 (1,631,159)	5,165,893 (2,279,735)	4,966,897 (2,238,015)	4,748,758 (2,249,988)	3,451,445 (1,235,490)	1,925,652 (892,294)	40,806 (30,766)	-	1,862,371 (705,994)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2050	9,348 (9,096)	1,137,337 (834,189)	6,178,372 (3,711,671)	8,639,016 (4,057,713)	8,663,341 (4,114,151)	8,640,803 (4,245,038)	8,140,620 (4,394,561)	7,189,226 (5,111,770)	2,222,962 (2,480,857)	235,078* (297,458)	4,252,014 (2,597,395)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-22 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2009-2050	10,565* (17,234)	95,781* (156,235)	4,396,234 (4,666,498)	5,896,775 (5,016,706)	6,525,362 (5,649,479)	7,156,468 (6,478,583)	9,606,908 (9,752,486)	11,605,155 (13,236,736)	6,105,943* (7,999,173)	370,759* (464,007)	6,250,981 (6,860,003)
Commercial	2010-2030	-	9,183 (11,331)	355,980* (516,965)	128,018 (113,981)	127,822 (113,903)	127,822 (113,903)	83,236 (78,267)	27,446 (29,938)	-	-	72,509 (55,861)
Industrial	2012-2031	-	-	-	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	-	1,597* (2,604)
Public Institutional	2009-2040	18,715* (25,424)	3,209,654 (2,694,080)	7,753,245 (3,135,820)	13,833,672 (6,673,209)	13,430,418 (6,636,528)	12,743,498 (6,678,328)	8,492,139 (2,280,689)	4,216,951 (1,467,728)	107,093 (97,168)	-	4,536,953 (1,419,458)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2050	29,280 (30,511)	3,314,619 (2,686,586)	12,505,459 (5,586,625)	19,860,062 (8,275,750)	20,085,198 (8,655,164)	20,029,385 (9,272,902)	18,183,879 (9,987,063)	15,851,148 (13,315,915)	6,213,196* (7,999,756)	370,759* (464,007)	9,744,722 (6,939,142)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-23 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Sector and Year, Row Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	1.7% (1.0%)	2.2% (1.2%)	2.5% (1.2%)	2.7% (1.0%)	22.0% (3.7%)	44.2% (2.7%)	23.3% (8.2%)	1.4%* (2.2%)	100.0% (0.0%)
Commercial	-	0.6% (0.6%)	23.4%* (30.2%)	8.4% (4.3%)	8.4% (4.3%)	8.4% (4.3%)	32.8% (14.4%)	18.0% (12.7%)	-	-	100.0% (0.0%)
Industrial	-	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	5.0% (0.0%)	-	100.0% (0.0%)
Public Institutional	-	2.2% (1.8%)	5.3% (1.7%)	9.5% (2.6%)	9.3% (2.6%)	8.8% (2.7%)	35.1% (4.3%)	29.0% (5.1%)	0.7% (0.6%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.8% (0.9%)	3.1% (1.5%)	4.9% (2.7%)	4.9% (2.6%)	4.9% (2.3%)	26.7% (5.2%)	38.7% (5.6%)	15.2% (9.6%)	0.9%* (1.3%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
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 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-24 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Sector and Year, Column Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	36.1% ⁺ (49.3%)	2.9% ⁺ (5.3%)	35.2% (25.9%)	29.7% (20.5%)	32.5% (21.9%)	35.7% (24.0%)	52.8% (26.2%)	73.2% (23.4%)	98.3% (2.7%)	100.0% (0.0%)	64.1% (26.3%)
Commercial	-	0.3% ⁺ (0.4%)	2.8% ⁺ (4.2%)	0.6% (0.6%)	0.6% (0.6%)	0.6% (0.6%)	0.5% (0.5%)	0.2% [*] (0.2%)	-	-	0.4% (0.4%)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	63.9% (49.3%)	96.8% (5.4%)	62.0% (25.3%)	69.7% (20.5%)	66.9% (21.9%)	63.6% (24.0%)	46.7% (26.0%)	26.6% (23.2%)	1.7% [*] (2.7%)	-	35.5% (26.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-25 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	17,914,496* (24,523,022)	103,482 (77,826)	2,802* (4,571)	10,626,879 (3,553,086)	-	28,647,659 (24,774,625)
Natural Gas, Units=KTherms	174,649 (138,065)	3,280 (3,565)	-	137,538 (123,329)	-	315,468 (182,602)
Oil, Units=KTherms	341* (556)	-	-	1,830* (2,982)	-	2,171* (3,033)
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	305,360* (497,519)	-	-	-	-	305,360* (497,519)
Diesel, Units=Site MMBtu	-	-	-	9,367,571* (13,995,898)	-	9,367,571* (13,995,898)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	39,366,914* (63,911,801)	-	-	31,055* (47,842)	-	39,397,969* (63,911,818)
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	118,298,078 (106,913,898)	681,087 (571,279)	9,561* (15,596)	59,595,876 (22,591,805)	-	178,584,602 (109,090,605)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

**Table M-26 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	204,155,029 [*] (279,466,324)	1,179,289 (886,913)	31,934 [*] (52,089)	121,104,760 (40,491,251)	-	326,471,012 (282,333,610)
Natural Gas	18,285,787 (14,455,433)	343,408 (373,259)	-	14,400,268 (12,912,558)	-	33,029,463 (19,118,479)
Oil	34,442 [*] (56,180)	-	-	184,844 [*] (301,165)	-	219,286 [*] (306,360)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	305,360 [*] (497,519)	-	-	-	-	305,360 [*] (497,519)
Diesel	-	-	-	9,461,247 [*] (14,135,857)	-	9,461,247 [*] (14,135,857)
Ethanol	-	-	-	-	-	-
Gasoline	39,760,583 [*] (64,550,919)	-	-	31,366 [*] (48,321)	-	39,791,949 [*] (64,550,937)
Other	-	-	-	-	-	-
Total	262,541,200 (288,120,138)	1,522,697 (1,173,090)	31,934 [*] (52,089)	145,182,485 (45,422,649)	-	409,278,316 (291,443,982)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-27 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	426,536* (583,881)	4,928 (3,706)	140* (229)	332,090 (111,034)	-	682,087 (589,872)
Natural Gas, Units=KTherms	4,260 (3,367)	156 (170)	-	4,912 (4,405)	-	7,511 (4,348)
Oil, Units=KTherms	14* (22)	-	-	166* (271)	-	87* (121)
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	20,357* (33,168)	-	-	-	-	20,357* (33,168)
Diesel, Units=Site MMBtu	-	-	-	468,379* (699,795)	-	468,379* (699,795)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	1,968,346* (3,195,590)	-	-	2,823* (4,349)	-	1,969,898* (3,195,591)
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	2,816,621 (2,545,569)	32,433 (27,204)	478* (780)	1,862,371 (705,994)	-	4,252,014 (2,597,395)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-28 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	4,860,834 [*] (6,653,960)	56,157 (42,234)	1,597 [*] (2,604)	3,784,524 (1,265,352)	-	7,773,119 (6,722,229)
Natural Gas	445,995 (352,572)	16,353 (17,774)	-	514,295 (461,163)	-	786,416 (455,202)
Oil	1,378 [*] (2,247)	-	-	16,804 [*] (27,379)	-	8,771 [*] (12,254)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	20,357 [*] (33,168)	-	-	-	-	20,357 [*] (33,168)
Diesel	-	-	-	473,062 [*] (706,793)	-	473,062 [*] (706,793)
Ethanol	-	-	-	-	-	-
Gasoline	1,988,029 [*] (3,227,546)	-	-	2,851 [*] (4,393)	-	1,989,597 [*] (3,227,547)
Other	-	-	-	-	-	-
Total	6,250,981 (6,860,003)	72,509 (55,861)	1,597 [*] (2,604)	4,536,953 (1,419,458)	-	9,744,722 (6,939,142)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-29 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	62.5% (33.0%)	0.4% (0.4%)	-	37.1% (32.7%)	-	100.0% (0.0%)
Natural Gas	55.4% (29.6%)	1.0%* (1.3%)	-	43.6% (29.5%)	-	100.0% (0.0%)
Oil	15.7%* (30.5%)	-	-	84.3% (30.5%)	-	100.0% (0.0%)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	100.0% (0.0%)	-	-	-	-	100.0% (0.0%)
Diesel	-	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Ethanol	-	-	-	-	-	-
Gasoline	99.9% (0.2%)	-	-	0.1%* (0.2%)	-	100.0% (0.0%)
Other	-	-	-	-	-	-
Total	64.1% (26.3%)	0.4% (0.4%)	-	35.5% (26.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-30 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	77.8% (30.5%)	77.4% (13.9%)	100.0% (0.0%)	83.4% (11.8%)	-	79.8% (19.2%)
Natural Gas	7.0%* (8.9%)	22.6% (13.9%)	-	9.9% (8.4%)	-	8.1% (7.0%)
Oil	-	-	-	0.1%* (0.2%)	-	0.1%* (0.1%)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	0.1%* (0.2%)	-	-	-	-	0.1%* (0.1%)
Diesel	-	-	-	6.5%* (9.3%)	-	2.3%* (3.8%)
Ethanol	-	-	-	-	-	-
Gasoline	15.1%* (26.4%)	-	-	-	-	9.7%* (15.8%)
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-31 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	1,966 (2,413)	41,138 (18,535)	50,804 (21,856)	50,820 (21,829)	50,645 (21,826)	303,596 (130,958)	496,495 (217,284)	248,931 (115,303)	-	1,244,395 (543,840)
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	6,707 (8,233)	140,368 (63,242)	173,352 (74,575)	173,407 (74,484)	172,806 (74,473)	1,035,912 (446,847)	1,694,111 (741,404)	849,387 (393,430)	-	4,246,050 (1,855,659)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

**Table M-32 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	6,707 (8,232)	140,362 (63,240)	173,345 (74,572)	173,399 (74,481)	172,799 (74,470)	1,035,870 (446,829)	1,694,041 (741,374)	849,352 (393,414)	-	4,245,875 (1,855,583)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	6,707 (8,232)	140,362 (63,240)	173,345 (74,572)	173,399 (74,481)	172,799 (74,470)	1,035,870 (446,829)	1,694,041 (741,374)	849,352 (393,414)	-	4,245,875 (1,855,583)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-33 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	2010-2036	-	1,966 (2,413)	41,138 (18,535)	50,804 (21,856)	50,820 (21,829)	50,645 (21,826)	50,599 (21,826)	49,650 (21,728)	41,488 (19,217)	-	46,089 (20,142)
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2010-2036	-	6,707 (8,233)	140,368 (63,242)	173,352 (74,575)	173,407 (74,484)	172,806 (74,473)	172,652 (74,475)	169,411 (74,140)	141,564 (65,572)	-	157,261 (68,728)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-34 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	2010-2036	-	6,707 (8,232)	140,362 (63,240)	173,345 (74,572)	173,399 (74,481)	172,799 (74,470)	172,645 (74,472)	169,404 (74,137)	141,559 (65,569)	-	157,255 (68,725)
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	6,707 (8,232)	140,362 (63,240)	173,345 (74,572)	173,399 (74,481)	172,799 (74,470)	172,645 (74,472)	169,404 (74,137)	141,559 (65,569)	-	157,255 (68,725)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-35 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	0.2%* (0.2%)	3.3% (0.8%)	4.1% (0.1%)	4.1% (0.1%)	4.1% (0.1%)	24.4% (0.5%)	39.9% (0.4%)	20.0% (1.1%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.2%* (0.2%)	3.3% (0.8%)	4.1% (0.1%)	4.1% (0.1%)	4.1% (0.1%)	24.4% (0.5%)	39.9% (0.4%)	20.0% (1.1%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-36 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-37 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	4,690*	5,299*	5,409*	5,313*	31,879*	52,662*	23,918*	-	129,170*
			(7,665)	(7,719)	(7,715)	(7,701)	(46,207)	(76,990)	(38,333)		(192,205)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	6,707	135,678	168,053	167,998	167,493	1,004,033	1,641,449	825,469	-	4,116,879
		(8,233)	(62,732)	(74,161)	(74,067)	(74,051)	(444,310)	(737,159)	(391,386)		(1,844,983)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	6,707	140,368	173,352	173,407	172,806	1,035,912	1,694,111	849,387	-	4,246,050
		(8,233)	(63,242)	(74,575)	(74,484)	(74,473)	(446,847)	(741,404)	(393,430)		(1,855,659)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

**Table M-38 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	4,690* (7,665)	5,299* (7,719)	5,408* (7,715)	5,313* (7,701)	31,878* (46,205)	52,660* (76,987)	23,917* (38,332)	-	129,165* (192,197)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	6,707 (8,232)	135,672 (62,729)	168,046 (74,158)	167,991 (74,064)	167,486 (74,048)	1,003,992 (444,292)	1,641,382 (737,129)	825,435 (391,370)	-	4,116,710 (1,844,908)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	6,707 (8,232)	140,362 (63,240)	173,345 (74,572)	173,399 (74,481)	172,799 (74,470)	1,035,870 (446,829)	1,694,041 (741,374)	849,352 (393,414)	-	4,245,875 (1,855,583)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-39 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2011-2035	-	-	4,690* (7,665)	5,299* (7,719)	5,409* (7,715)	5,313* (7,701)	5,313* (7,701)	5,266* (7,699)	4,784* (7,667)	-	5,167* (7,688)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2010-2036	-	6,707 (8,233)	135,678 (62,732)	168,053 (74,161)	167,998 (74,067)	167,493 (74,051)	167,339 (74,052)	164,145 (73,716)	137,578 (65,231)	-	152,477 (68,333)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	6,707 (8,233)	140,368 (63,242)	173,352 (74,575)	173,407 (74,484)	172,806 (74,473)	172,652 (74,475)	169,411 (74,140)	141,564 (65,572)	-	157,261 (68,728)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-40 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2011-2035	-	-	4,690 [*] (7,665)	5,299 [*] (7,719)	5,408 [*] (7,715)	5,313 [*] (7,701)	5,313 [*] (7,701)	5,266 [*] (7,699)	4,783 [*] (7,666)	-	5,167 [*] (7,688)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2010-2036	-	6,707 (8,232)	135,672 (62,729)	168,046 (74,158)	167,991 (74,064)	167,486 (74,048)	167,332 (74,049)	164,138 (73,713)	137,572 (65,228)	-	152,471 (68,330)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	6,707 (8,232)	140,362 (63,240)	173,345 (74,572)	173,399 (74,481)	172,799 (74,470)	172,645 (74,472)	169,404 (74,137)	141,559 (65,569)	-	157,255 (68,725)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-41 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	3.6% (0.7%)	4.1% (0.3%)	4.2% (0.3%)	4.1% (0.2%)	24.7% (1.2%)	40.8% (1.5%)	18.5% (2.7%)	-	100.0% (0.0%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	0.2%* (0.2%)	3.3% (0.9%)	4.1% (0.1%)	4.1% (0.1%)	4.1% (0.1%)	24.4% (0.5%)	39.9% (0.4%)	20.1% (1.1%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.2%* (0.2%)	3.3% (0.8%)	4.1% (0.1%)	4.1% (0.1%)	4.1% (0.1%)	24.4% (0.5%)	39.9% (0.4%)	20.0% (1.1%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-42 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total	
Residential	-	-	3.3%* (5.5%)	3.1%* (4.5%)	3.1%* (4.5%)	3.1%* (4.5%)	3.1%* (4.5%)	3.1%* (4.5%)	3.1%* (4.6%)	2.8%* (4.6%)	-	3.0%* (4.6%)
Commercial	-	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	100.0% (0.0%)	96.7% (5.5%)	96.9% (4.5%)	96.9% (4.5%)	96.9% (4.5%)	96.9% (4.5%)	96.9% (4.5%)	96.9% (4.6%)	97.2% (4.6%)	-	97.0% (4.6%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-43 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	37,856 [^] (56,330)	-	-	1,206,539 (540,711)	-	1,244,395 (543,840)
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	129,170 [^] (192,205)	-	-	4,116,879 (1,844,983)	-	4,246,050 (1,855,659)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-44 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	129,165* (192,197)	-	-	4,116,710 (1,844,908)	-	4,245,875 (1,855,583)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	129,165* (192,197)	-	-	4,116,710 (1,844,908)	-	4,245,875 (1,855,583)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-45 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	1,514* (2,253)	-	-	44,687 (20,026)	-	46,089 (20,142)
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	5,167* (7,688)	-	-	152,477 (68,333)	-	157,261 (68,728)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

**Table M-46 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	5,167* (7,688)	-	-	152,471 (68,330)	-	157,255 (68,725)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	5,167* (7,688)	-	-	152,471 (68,330)	-	157,255 (68,725)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-47 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	3.0%* (4.6%)	-	-	97.0% (4.6%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	3.0%* (4.6%)	-	-	97.0% (4.6%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-48 **EECBG BPA, Total of Six Evaluated BPAs**
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-49 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2,492 (2,692)	273,437 (234,752)	824,487 (375,644)	1,444,912 (663,554)	1,470,449 (700,234)	1,466,156 (756,088)	7,782,947 (4,928,787)	11,252,184 (11,255,939)	5,215,686* (6,947,298)	159,303 (195,137)	29,892,054 (24,725,961)
Natural Gas, Units=KTherms	8* (14)	2,097 (2,301)	10,276 (11,464)	14,042 (8,891)	13,415 (8,071)	13,330 (8,125)	84,557 (50,116)	106,902 (62,806)	52,769 (53,662)	18,072* (23,096)	315,468 (182,602)
Oil, Units=KTherms	-	14* (22)	180* (272)	180* (272)	180* (272)	180* (272)	1,080* (1,632)	303 (351)	55* (89)	-	2,171* (3,033)
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	122,144* (199,008)	101,787* (165,840)	-	-	305,360* (497,519)
Diesel, Units=Site MMBtu	-	-	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	2,810,271* (4,198,769)	4,683,785* (6,997,949)	-	-	9,367,571* (13,995,898)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	11,827,013* (19,173,558)	19,686,280* (31,955,901)	-	-	39,397,969* (63,911,818)
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	9,348 (9,096)	1,144,044 (834,230)	6,318,740 (3,709,985)	8,812,368 (4,054,006)	8,836,748 (4,110,605)	8,813,609 (4,241,155)	49,879,633 (26,333,050)	73,586,371 (51,049,228)	23,079,008 (24,773,165)	2,350,783* (2,974,580)	182,830,652 (108,919,632)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

**Table M-50 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	28,393 (30,681)	3,116,113 (2,675,250)	9,395,925 (4,280,874)	16,466,334 (7,561,916)	16,757,360 (7,979,923)	16,708,428 (8,616,437)	88,695,083 (56,168,851)	128,230,793 (128,273,584)	59,438,372* (79,171,958)	1,815,434 (2,223,800)	340,652,235 (281,779,035)
Natural Gas	886* (1,446)	219,529 (240,883)	1,075,863 (1,200,324)	1,470,217 (930,882)	1,404,511 (845,014)	1,395,624 (850,665)	8,853,108 (5,247,146)	11,192,653 (6,575,753)	5,524,916 (5,618,382)	1,892,157* (2,418,121)	33,029,463 (19,118,479)
Oil	-	1,378* (2,247)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	109,090* (164,824)	30,581 (35,420)	5,511* (8,989)	-	219,286* (306,360)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	122,144* (199,008)	101,787* (165,840)	-	-	305,360* (497,519)
Diesel	-	-	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	2,838,374* (4,240,757)	4,730,623* (7,067,929)	-	-	9,461,247* (14,135,857)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	11,945,284* (19,365,294)	19,883,143* (32,275,460)	-	-	39,791,949* (64,550,937)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	29,280 (30,511)	3,337,019 (2,686,726)	12,974,270 (5,574,122)	20,439,033 (8,267,169)	20,664,352 (8,645,952)	20,606,534 (9,261,781)	112,563,082 (59,802,400)	164,169,579 (132,906,797)	64,968,799 (79,875,661)	3,707,591* (4,640,068)	423,459,540 (290,851,308)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-51 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2009-2050	2,492 (2,692)	273,437 (234,752)	824,487 (375,644)	1,444,912 (663,554)	1,470,449 (700,234)	1,466,156 (756,088)	1,297,158 (821,465)	1,125,218 (1,125,594)	521,569* (694,730)	15,930 (19,514)	711,716 (588,713)
Natural Gas, Units=KTherms	2009-2050	8* (14)	2,097 (2,301)	10,276 (11,464)	14,042 (8,891)	13,415 (8,071)	13,330 (8,125)	14,093 (8,353)	10,690 (6,281)	5,277 (5,366)	1,807* (2,310)	7,511 (4,348)
Oil, Units=KTherms	2010-2034	-	14* (22)	180* (272)	180* (272)	180* (272)	180* (272)	180* (272)	30 (35)	14* (22)	-	87* (121)
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	2011-2025	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	-	-	20,357* (33,168)
Diesel, Units=Site MMBtu	2011-2030	-	-	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	-	-	468,379* (699,795)
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	2011-2030	-	-	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,971,169* (3,195,593)	1,968,628* (3,195,590)	-	-	1,969,898* (3,195,591)
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2009-2050	9,348 (9,096)	1,144,044 (834,230)	6,318,740 (3,709,985)	8,812,368 (4,054,006)	8,836,748 (4,110,605)	8,813,609 (4,241,155)	8,313,272 (4,388,842)	7,358,637 (5,104,923)	2,307,901 (2,477,317)	235,078* (297,458)	4,353,111 (2,593,325)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

**Table M-52 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2009-2050	28,393 (30,681)	3,116,113 (2,675,250)	9,395,925 (4,280,874)	16,466,334 (7,561,916)	16,757,360 (7,979,923)	16,708,428 (8,616,437)	14,782,514 (9,361,475)	12,823,079 (12,827,358)	5,943,837* (7,917,196)	181,543 (222,380)	8,110,768 (6,709,025)
Natural Gas	2009-2050	886* (1,446)	219,529 (240,883)	1,075,863 (1,200,324)	1,470,217 (930,882)	1,404,511 (845,014)	1,395,624 (850,665)	1,475,518 (874,524)	1,119,265 (657,575)	552,492 (561,838)	189,216* (241,812)	786,416 (455,202)
Oil	2010-2034	-	1,378* (2,247)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	3,058 (3,542)	1,378* (2,247)	-	8,771* (12,254)
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	2011-2025	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	-	-	20,357* (33,168)
Diesel	2011-2030	-	-	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	-	-	473,062* (706,793)
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	2011-2030	-	-	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,990,881* (3,227,549)	1,988,314* (3,227,546)	-	-	1,989,597* (3,227,547)
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2050	29,280 (30,511)	3,337,019 (2,686,726)	12,974,270 (5,574,122)	20,439,033 (8,267,169)	20,664,352 (8,645,952)	20,606,534 (9,261,781)	18,760,514 (9,967,067)	16,416,958 (13,290,680)	6,496,880 (7,987,566)	370,759* (464,007)	10,082,370 (6,925,031)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-53 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	0.9% (1.1%)	2.8% (1.4%)	4.8% (3.2%)	4.9% (3.1%)	4.9% (2.8%)	26.0% (5.5%)	37.6% (7.2%)	17.4% (9.2%)	0.5%* (0.8%)	100.0% (0.0%)
Natural Gas	-	0.7% (0.8%)	3.3% (2.8%)	4.5% (2.2%)	4.3% (1.8%)	4.2% (1.8%)	26.8% (9.4%)	33.9% (3.9%)	16.7% (11.9%)	5.7% (5.7%)	100.0% (0.0%)
Oil	-	0.6%* (1.2%)	8.3% (1.6%)	8.3% (1.6%)	8.3% (1.6%)	8.3% (1.6%)	49.7% (9.3%)	13.9% (9.4%)	2.5%* (4.9%)	-	100.0% (0.0%)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	6.7% (0.0%)	6.7% (0.0%)	6.7% (0.0%)	6.7% (0.0%)	40.0% (0.0%)	33.3% (0.0%)	-	-	100.0% (0.0%)
Diesel	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	-	-	100.0% (0.0%)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.1%)	-	-	100.0% (0.0%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.8% (0.8%)	3.1% (1.4%)	4.8% (2.6%)	4.9% (2.5%)	4.9% (2.3%)	26.6% (4.9%)	38.8% (5.4%)	15.3% (9.2%)	0.9%* (1.2%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-54 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	97.0% (6.1%)	93.4% (8.6%)	72.4% (21.5%)	80.6% (15.4%)	81.1% (15.3%)	81.1% (15.6%)	78.8% (17.8%)	78.1% (23.3%)	91.5% (12.5%)	49.0% (2.2%)	80.4% (18.3%)
Natural Gas	3.0%* (6.1%)	6.6%* (8.5%)	8.3% (8.9%)	7.2% (5.1%)	6.8% (4.8%)	6.8% (4.9%)	7.9% (6.0%)	6.8% (6.5%)	8.5%* (12.5%)	51.0% (2.2%)	7.8% (6.6%)
Oil	-	-	0.1%* (0.2%)	0.1%* (0.1%)	0.1%* (0.1%)	0.1%* (0.1%)	0.1%* (0.2%)	-	-	-	0.1%* (0.1%)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	0.2%* (0.3%)	0.1%* (0.2%)	0.1%* (0.2%)	0.1%* (0.2%)	0.1%* (0.2%)	0.1%* (0.1%)	-	-	0.1%* (0.1%)
Diesel	-	-	3.6%* (5.5%)	2.3%* (3.5%)	2.3%* (3.5%)	2.3%* (3.5%)	2.5%* (3.9%)	2.9%* (4.8%)	-	-	2.2%* (3.6%)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	15.3%* (21.8%)	9.7%* (14.7%)	9.6%* (14.6%)	9.7%* (14.7%)	10.6%* (16.3%)	12.1%* (19.7%)	-	-	9.4%* (15.2%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-55 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	3,163* (5,160)	83,787* (136,671)	2,790,349 (3,352,405)	3,421,602 (3,407,075)	3,645,091 (3,494,431)	3,840,597 (3,621,158)	27,912,008 (25,400,595)	52,534,870 (50,289,652)	21,844,997 (24,770,186)	2,350,783* (2,974,580)	118,427,248 (106,764,720)
Commercial	-	2,809 (3,481)	108,562* (154,975)	56,342 (52,168)	56,283 (52,150)	56,283 (52,150)	252,053 (249,695)	148,755 (171,476)	-	-	681,087 (571,279)
Industrial	-	-	-	478* (780)	478* (780)	478* (780)	2,868* (4,679)	4,781* (7,798)	478* (780)	-	9,561* (15,596)
Public Institutional	6,185* (7,724)	1,057,448 (832,678)	3,419,829 (1,632,249)	5,333,946 (2,273,300)	5,134,895 (2,232,526)	4,916,251 (2,244,729)	21,712,703 (7,355,316)	20,897,965 (8,866,252)	1,233,533 (486,423)	-	63,712,755 (22,412,348)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	9,348 (9,096)	1,144,044 (834,230)	6,318,740 (3,709,985)	8,812,368 (4,054,006)	8,836,748 (4,110,605)	8,813,609 (4,241,155)	49,879,633 (26,333,050)	73,586,371 (51,049,228)	23,079,008 (24,773,165)	2,350,783* (2,974,580)	182,830,652 (108,919,632)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

**Table M-56 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	10,565 [*] (17,234)	95,781 [*] (156,235)	4,411,899 (4,648,125)	5,914,472 (4,997,904)	6,543,426 (5,629,053)	7,174,214 (6,456,795)	57,747,918 (58,371,306)	116,227,430 (132,120,745)	61,139,315 [*] (79,865,381)	3,707,591 [*] (4,640,068)	262,972,611 (287,501,889)
Commercial	-	9,183 (11,331)	355,980 [*] (516,965)	128,018 (113,981)	127,822 (113,903)	127,822 (113,903)	499,415 (469,600)	274,456 (299,383)	-	-	1,522,697 (1,173,090)
Industrial	-	-	-	1,597 [*] (2,604)	1,597 [*] (2,604)	1,597 [*] (2,604)	9,580 [*] (15,627)	15,967 [*] (26,045)	1,597 [*] (2,604)	-	31,934 [*] (52,089)
Public Institutional	18,715 [*] (25,424)	3,232,054 (2,694,220)	8,206,391 (3,142,136)	14,394,946 (6,666,388)	13,991,508 (6,631,636)	13,302,902 (6,673,927)	54,306,169 (13,606,554)	47,651,727 (14,675,215)	3,827,887 (1,616,495)	-	158,932,298 (45,324,661)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	29,280 (30,511)	3,337,019 (2,686,726)	12,974,270 (5,574,122)	20,439,033 (8,267,169)	20,664,352 (8,645,952)	20,606,534 (9,261,781)	112,563,082 (59,802,400)	164,169,579 (132,906,797)	64,968,799 (79,875,661)	3,707,591 [*] (4,640,068)	423,459,540 (290,851,308)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-57 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2009-2050	3,163* (5,160)	83,787* (136,671)	2,790,349 (3,352,405)	3,421,602 (3,407,075)	3,645,091 (3,494,431)	3,840,597 (3,621,158)	4,652,001 (4,233,432)	5,253,487 (5,028,965)	2,184,500 (2,477,019)	235,078* (297,458)	2,819,696 (2,542,017)
Commercial	2010-2030	-	2,809 (3,481)	108,562* (154,975)	56,342 (52,168)	56,283 (52,150)	56,283 (52,150)	42,009 (41,616)	14,876 (17,148)	-	-	32,433 (27,204)
Industrial	2012-2031	-	-	-	478* (780)	478* (780)	478* (780)	478* (780)	478* (780)	478* (780)	-	478* (780)
Public Institutional	2009-2040	6,185* (7,724)	1,057,448 (832,678)	3,419,829 (1,632,249)	5,333,946 (2,273,300)	5,134,895 (2,232,526)	4,916,251 (2,244,729)	3,618,784 (1,225,886)	2,089,797 (886,625)	123,353 (48,642)	-	1,991,024 (700,386)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2050	9,348 (9,096)	1,144,044 (834,230)	6,318,740 (3,709,985)	8,812,368 (4,054,006)	8,836,748 (4,110,605)	8,813,609 (4,241,155)	8,313,272 (4,388,842)	7,358,637 (5,104,923)	2,307,901 (2,477,317)	235,078* (297,458)	4,353,111 (2,593,325)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-58 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2009-2050	10,565* (17,234)	95,781* (156,235)	4,411,899 (4,648,125)	5,914,472 (4,997,904)	6,543,426 (5,629,053)	7,174,214 (6,456,795)	9,624,653 (9,728,551)	11,622,743 (13,212,075)	6,113,931* (7,986,538)	370,759* (464,007)	6,261,253 (6,845,283)
Commercial	2010-2030	-	9,183 (11,331)	355,980* (516,965)	128,018 (113,981)	127,822 (113,903)	127,822 (113,903)	83,236 (78,267)	27,446 (29,938)	-	-	72,509 (55,861)
Industrial	2012-2031	-	-	-	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	-	1,597* (2,604)
Public Institutional	2009-2040	18,715* (25,424)	3,232,054 (2,694,220)	8,206,391 (3,142,136)	14,394,946 (6,666,388)	13,991,508 (6,631,636)	13,302,902 (6,673,927)	9,051,028 (2,267,759)	4,765,173 (1,467,521)	382,789 (161,650)	-	4,966,634 (1,416,396)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2050	29,280 (30,511)	3,337,019 (2,686,726)	12,974,270 (5,574,122)	20,439,033 (8,267,169)	20,664,352 (8,645,952)	20,606,534 (9,261,781)	18,760,514 (9,967,067)	16,416,958 (13,290,680)	6,496,880 (7,987,566)	370,759* (464,007)	10,082,370 (6,925,031)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-59 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	1.7% (1.0%)	2.2% (1.2%)	2.5% (1.2%)	2.7% (1.0%)	22.0% (3.7%)	44.2% (2.7%)	23.2% (8.2%)	1.4%* (2.2%)	100.0% (0.0%)
Commercial	-	0.6% (0.6%)	23.4%* (30.2%)	8.4% (4.3%)	8.4% (4.3%)	8.4% (4.3%)	32.8% (14.4%)	18.0% (12.7%)	-	-	100.0% (0.0%)
Industrial	-	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	5.0% (0.0%)	-	100.0% (0.0%)
Public Institutional	-	2.0% (1.6%)	5.2% (1.5%)	9.1% (2.4%)	8.8% (2.5%)	8.4% (2.5%)	34.2% (3.8%)	30.0% (4.7%)	2.4% (1.1%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.8% (0.8%)	3.1% (1.4%)	4.8% (2.6%)	4.9% (2.5%)	4.9% (2.3%)	26.6% (4.9%)	38.8% (5.4%)	15.3% (9.2%)	0.9%* (1.2%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-60 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	36.1% ⁺ (49.3%)	2.9% ⁺ (5.2%)	34.0% (25.2%)	28.9% (19.9%)	31.7% (21.3%)	34.8% (23.4%)	51.3% (26.1%)	70.8% (24.3%)	94.1% (7.6%)	100.0% (0.0%)	62.1% (26.6%)
Commercial	-	0.3% ⁺ (0.4%)	2.7% ⁺ (4.1%)	0.6% (0.6%)	0.6% (0.6%)	0.6% (0.6%)	0.4% (0.5%)	0.2% [*] (0.2%)	-	-	0.4% (0.4%)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	63.9% (49.3%)	96.9% (5.4%)	63.3% (24.7%)	70.4% (19.9%)	67.7% (21.3%)	64.6% (23.3%)	48.2% (25.8%)	29.0% (24.2%)	5.9% [*] (7.6%)	-	37.5% (26.4%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-61 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	17,952,352* (24,467,066)	103,482 (77,826)	2,802* (4,571)	11,833,418 (3,583,496)	-	29,892,054 (24,725,961)
Natural Gas, Units=KTherms	174,649 (138,065)	3,280 (3,565)	-	137,538 (123,329)	-	315,468 (182,602)
Oil, Units=KTherms	341* (556)	-	-	1,830* (2,982)	-	2,171* (3,033)
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	305,360* (497,519)	-	-	-	-	305,360* (497,519)
Diesel, Units=Site MMBtu	-	-	-	9,367,571* (13,995,898)	-	9,367,571* (13,995,898)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	39,366,914* (63,911,801)	-	-	31,055* (47,842)	-	39,397,969* (63,911,818)
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	118,427,248 (106,764,720)	681,087 (571,279)	9,561* (15,596)	63,712,755 (22,412,348)	-	182,830,652 (108,919,632)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

Table M-62 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	204,586,440 [*] (278,828,636)	1,179,289 (886,913)	31,934 [*] (52,089)	134,854,574 (40,837,808)	-	340,652,235 (281,779,035)
Natural Gas	18,285,787 (14,455,433)	343,408 (373,259)	-	14,400,268 (12,912,558)	-	33,029,463 (19,118,479)
Oil	34,442 [*] (56,180)	-	-	184,844 [*] (301,165)	-	219,286 [*] (306,360)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	305,360 [*] (497,519)	-	-	-	-	305,360 [*] (497,519)
Diesel	-	-	-	9,461,247 [*] (14,135,857)	-	9,461,247 [*] (14,135,857)
Ethanol	-	-	-	-	-	-
Gasoline	39,760,583 [*] (64,550,919)	-	-	31,366 [*] (48,321)	-	39,791,949 [*] (64,550,937)
Other	-	-	-	-	-	-
Total	262,972,611 (287,501,889)	1,522,697 (1,173,090)	31,934 [*] (52,089)	158,932,298 (45,324,661)	-	423,459,540 (290,851,308)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-63 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	427,437* (582,549)	4,928 (3,706)	140* (229)	369,794 (111,984)	-	711,716 (588,713)
Natural Gas, Units=KTherms	4,260 (3,367)	156 (170)	-	4,912 (4,405)	-	7,511 (4,348)
Oil, Units=KTherms	14* (22)	-	-	166* (271)	-	87* (121)
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	20,357* (33,168)	-	-	-	-	20,357* (33,168)
Diesel, Units=Site MMBtu	-	-	-	468,379* (699,795)	-	468,379* (699,795)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	1,968,346* (3,195,590)	-	-	2,823* (4,349)	-	1,969,898* (3,195,591)
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	2,819,696 (2,542,017)	32,433 (27,204)	478* (780)	1,991,024 (700,386)	-	4,353,111 (2,593,325)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-64 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	4,871,106 [*] (6,638,777)	56,157 (42,234)	1,597 [*] (2,604)	4,214,205 (1,276,181)	-	8,110,768 (6,709,025)
Natural Gas	445,995 (352,572)	16,353 (17,774)	-	514,295 (461,163)	-	786,416 (455,202)
Oil	1,378 [*] (2,247)	-	-	16,804 [*] (27,379)	-	8,771 [*] (12,254)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	20,357 [*] (33,168)	-	-	-	-	20,357 [*] (33,168)
Diesel	-	-	-	473,062 [*] (706,793)	-	473,062 [*] (706,793)
Ethanol	-	-	-	-	-	-
Gasoline	1,988,029 [*] (3,227,546)	-	-	2,851 [*] (4,393)	-	1,989,597 [*] (3,227,547)
Other	-	-	-	-	-	-
Total	6,261,253 (6,845,283)	72,509 (55,861)	1,597 [*] (2,604)	4,966,634 (1,416,396)	-	10,082,370 (6,925,031)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-65 **EECBG BPA, Total of Six Evaluated BPAs**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	60.1% (33.5%)	0.3% (0.4%)	-	39.6% (33.2%)	-	100.0% (0.0%)
Natural Gas	55.4% (29.6%)	1.0%* (1.3%)	-	43.6% (29.5%)	-	100.0% (0.0%)
Oil	15.7%* (30.5%)	-	-	84.3% (30.5%)	-	100.0% (0.0%)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	100.0% (0.0%)	-	-	-	-	100.0% (0.0%)
Diesel	-	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Ethanol	-	-	-	-	-	-
Gasoline	99.9% (0.2%)	-	-	0.1%* (0.2%)	-	100.0% (0.0%)
Other	-	-	-	-	-	-
Total	62.1% (26.6%)	0.4% (0.4%)	-	37.5% (26.4%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-66 **EECBG BPA, Total of Six Evaluated BPAs**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	77.8% (30.4%)	77.4% (13.9%)	100.0% (0.0%)	84.9% (10.9%)	-	80.4% (18.3%)
Natural Gas	7.0%* (8.9%)	22.6% (13.9%)	-	9.1% (7.7%)	-	7.8% (6.6%)
Oil	-	-	-	0.1%* (0.2%)	-	0.1%* (0.1%)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	0.1%* (0.2%)	-	-	-	-	0.1%* (0.1%)
Diesel	-	-	-	6.0%* (8.5%)	-	2.2%* (3.6%)
Ethanol	-	-	-	-	-	-
Gasoline	15.1%* (26.3%)	-	-	-	-	9.4%* (15.2%)
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-67 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings by Fuel Type and Year, Total Estimates, in Thousand 2009 Dollars**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	\$294	\$26,988	\$91,291	\$152,109	\$156,232	\$155,367	\$875,489	\$1,371,671	\$707,454*	\$23,128	\$3,560,022
Natural Gas	\$7*	\$2,311	\$10,011	\$13,384	\$13,050	\$13,114	\$87,083	\$121,878	\$77,015	\$31,286*	\$369,140
Oil	-	\$27*	\$309*	\$307*	\$305*	\$303*	\$1,775*	\$572	\$135*	-	\$3,732*
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	\$291*	\$319*	\$332*	\$347*	\$2,268*	\$2,002*	-	-	\$5,559*
Diesel	-	-	\$8,906*	\$9,258*	\$9,625*	\$10,006*	\$66,788*	\$125,542*	-	-	\$230,124*
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	\$40,750*	\$42,744*	\$44,835*	\$47,029*	\$307,678*	\$556,815*	-	-	\$1,039,851*
Other	-	-	-	-	-	-	-	-	-	-	-
Total	\$301	\$29,326	\$151,558	\$218,120	\$224,379	\$226,165	\$1,341,082	\$2,178,481	\$784,604	\$54,414*	\$5,208,429

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-68 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings by Fuel Type and Year, Row Percent Estimates, in Thousand 2009 Dollars**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	0.8%	2.6%	4.3%	4.4%	4.4%	24.6%	38.5%	19.9%	0.6%*	100.0%
Natural Gas	-	0.6%	2.7%	3.6%	3.5%	3.6%	23.6%	33.0%	20.9%	8.5%	100.0%
Oil	-	0.7%*	8.3%	8.2%	8.2%	8.1%	47.6%	15.3%	3.6%*	-	100.0%
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	5.2%	5.7%	6.0%	6.2%	40.8%	36.0%	-	-	100.0%
Diesel	-	-	3.9%	4.0%	4.2%	4.3%	29.0%	54.6%	-	-	100.0%
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	3.9%	4.1%	4.3%	4.5%	29.6%	53.5%	-	-	100.0%
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.6%	2.9%	4.2%	4.3%	4.3%	25.7%	41.8%	15.1%	1.0%*	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-69 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings by Fuel Type and Year, Column Percent Estimates, in Thousand 2009 Dollars**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	97.6%	92.0%	60.2%	69.7%	69.6%	68.7%	65.3%	63.0%	90.2%	42.5%	68.4%
Natural Gas	2.4%*	7.9%*	6.6%	6.1%	5.8%	5.8%	6.5%	5.6%	9.8%*	57.5%	7.1%
Oil	-	0.1%*	0.2%*	0.1%*	0.1%*	0.1%*	0.1%*	-	-	-	0.1%*
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	0.2%*	0.1%*	0.1%*	0.2%*	0.2%*	0.1%*	-	-	0.1%*
Diesel	-	-	5.9%*	4.2%*	4.3%*	4.4%*	5.0%*	5.8%*	-	-	4.4%*
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	26.9%*	19.6%*	20.0%*	20.8%*	22.9%*	25.6%*	-	-	20.0%*
Other	-	-	-	-	-	-	-	-	-	-	-
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-70 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	\$118.04	\$98.70	\$110.72	\$105.27	\$106.25	\$105.97	\$112.49	\$121.90	\$135.64*	\$145.18	\$119.10
Natural Gas, Units=KTherms	\$839.21*	\$1,102.27	\$974.28	\$953.12	\$972.85	\$983.85	\$1,029.87	\$1,140.09	\$1,459.47	\$1,731.15*	\$1,170.13
Oil, Units=KTherms	-	\$2,008.01*	\$1,714.57*	\$1,703.37*	\$1,692.26*	\$1,681.24*	\$1,643.43*	\$1,890.34	\$2,475.49*	-	\$1,719.12*
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	\$14.32*	\$15.66*	\$16.33*	\$17.03*	\$18.57*	\$19.67*	-	-	\$18.21*
Diesel, Units=Site MMBtu	-	-	\$19.01*	\$19.77*	\$20.55*	\$21.36*	\$23.77*	\$26.80*	-	-	\$24.57*
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	\$20.67*	\$21.68*	\$22.75*	\$23.86*	\$26.01*	\$28.28*	-	-	\$26.39*
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	\$32.22	\$25.63	\$23.99	\$24.75	\$25.39	\$25.66	\$26.89	\$29.60	\$34.00	\$23.15*	\$28.49

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-71 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	\$10.36	\$8.66	\$9.72	\$9.24	\$9.32	\$9.30	\$9.87	\$10.70	\$11.90*	\$12.74	\$10.45
Natural Gas	\$8.02*	\$10.53	\$9.31	\$9.10	\$9.29	\$9.40	\$9.84	\$10.89	\$13.94	\$16.53*	\$11.18
Oil	-	\$19.88*	\$16.98*	\$16.87*	\$16.76*	\$16.65*	\$16.27*	\$18.72	\$24.51*	-	\$17.02*
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	\$14.32*	\$15.66*	\$16.33*	\$17.03*	\$18.57*	\$19.67*	-	-	\$18.21*
Diesel	-	-	\$18.83*	\$19.57*	\$20.35*	\$21.15*	\$23.53*	\$26.54*	-	-	\$24.32*
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	\$20.47*	\$21.47*	\$22.52*	\$23.62*	\$25.76*	\$28.00*	-	-	\$26.13*
Other	-	-	-	-	-	-	-	-	-	-	-
Total	\$10.29	\$8.79	\$11.68	\$10.67	\$10.86	\$10.98	\$11.91	\$13.27	\$12.08	\$14.68*	\$12.30

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

**Table M-72 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings by Sector and Year, Total Estimates, in Thousand 2009 Dollars**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	\$153*	\$1,265*	\$68,978	\$86,954	\$96,289	\$105,785	\$828,179	\$1,672,802	\$745,328*	\$54,414*	\$3,660,146
Commercial	-	\$73	\$3,179*	\$1,241	\$1,235	\$1,231	\$4,400	\$2,306	-	-	\$13,665
Industrial	-	-	-	\$9*	\$9*	\$9*	\$50*	\$84*	\$9*	-	\$169*
Public Institutional	\$148*	\$27,988	\$79,401	\$129,917	\$126,846	\$119,141	\$508,452	\$503,289	\$39,267	-	\$1,534,449
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	\$301	\$29,326	\$151,558	\$218,120	\$224,379	\$226,165	\$1,341,082	\$2,178,481	\$784,604	\$54,414*	\$5,208,429

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-73 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings by Sector and Year, Row Percent Estimates, in Thousand 2009 Dollars**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	1.9%	2.4%	2.6%	2.9%	22.6%	45.7%	20.4%	1.5%*	100.0%
Commercial	-	0.5%	23.3%*	9.1%	9.0%	9.0%	32.2%	16.9%	-	-	100.0%
Industrial	-	-	-	5.1%	5.1%	5.1%	29.7%	49.8%	5.2%	-	100.0%
Public Institutional	-	1.8%	5.2%	8.5%	8.3%	7.8%	33.1%	32.8%	2.6%	-	100.0%
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.6%	2.9%	4.2%	4.3%	4.3%	25.7%	41.8%	15.1%	1.0%*	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-74 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings by Sector and Year, Column Percent Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	50.9%*	4.3%*	45.5%	39.9%	42.9%	46.8%	61.8%	76.8%	95.0%	100.0%	70.3%
Commercial	-	0.3%*	2.1%*	0.6%	0.6%	0.5%	0.3%	0.1%*	-	-	0.3%
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	49.1%	95.4%	52.4%	59.6%	56.5%	52.7%	37.9%	23.1%	5.0%*	-	29.5%
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-75 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	\$48.45*	\$15.09*	\$24.72	\$25.41	\$26.42	\$27.54	\$29.67	\$31.84	\$34.12	\$23.15*	\$30.91
Commercial	-	\$26.17	\$29.28*	\$22.02	\$21.94	\$21.87	\$17.46	\$15.50	-	-	\$20.06
Industrial	-	-	-	\$18.16*	\$18.04*	\$17.92*	\$17.50*	\$17.59*	\$18.23*	-	\$17.66*
Public Institutional	\$23.92*	\$26.47	\$23.22	\$24.36	\$24.70	\$24.23	\$23.42	\$24.08	\$31.83	-	\$24.08
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	\$32.22	\$25.63	\$23.99	\$24.75	\$25.39	\$25.66	\$26.89	\$29.60	\$34.00	\$23.15*	\$28.49

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-76 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	\$14.51*	\$13.20*	\$15.63	\$14.70	\$14.72	\$14.75	\$14.34	\$14.39	\$12.19*	\$14.68*	\$13.92
Commercial	-	\$8.00	\$8.93*	\$9.69	\$9.66	\$9.63	\$8.81	\$8.40	-	-	\$8.97
Industrial	-	-	-	\$5.44*	\$5.40*	\$5.37*	\$5.24*	\$5.27*	\$5.46*	-	\$5.29*
Public Institutional	\$7.90*	\$8.66	\$9.68	\$9.03	\$9.07	\$8.96	\$9.36	\$10.56	\$10.26	-	\$9.65
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	\$10.29	\$8.79	\$11.68	\$10.67	\$10.86	\$10.98	\$11.91	\$13.27	\$12.08	\$14.68*	\$12.30

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

**Table M-77 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings by Fuel Type and Sector, Total Estimates, in Thousand 2009 Dollars**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	\$2,378,674*	\$11,010	\$169*	\$1,170,169	-	\$3,560,022
Natural Gas	\$236,086	\$2,655	-	\$130,399	-	\$369,140
Oil	\$744*	-	-	\$2,988*	-	\$3,732*
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	\$5,559*	-	-	-	-	\$5,559*
Diesel	-	-	-	\$230,124*	-	\$230,124*
Ethanol	-	-	-	-	-	-
Gasoline	\$1,039,082*	-	-	\$769*	-	\$1,039,851*
Other	-	-	-	-	-	-
Total	\$3,660,146	\$13,665	\$169*	\$1,534,449	-	\$5,208,429

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-78 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings by Fuel Type and Sector, Row Percent Estimates, in Thousand 2009 Dollars**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	66.8%	0.3%	-	32.9%	-	100.0%
Natural Gas	64.0%	0.7%*	-	35.3%	-	100.0%
Oil	19.9%*	-	-	80.1%	-	100.0%
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	100.0%	-	-	-	-	100.0%
Diesel	-	-	-	100.0%	-	100.0%
Ethanol	-	-	-	-	-	-
Gasoline	99.9%	-	-	0.1%*	-	100.0%
Other	-	-	-	-	-	-
Total	70.3%	0.3%	-	29.5%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-79 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings by Fuel Type and Sector, Column Percent Estimates, in Thousand 2009 Dollars**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	65.0%	80.6%	100.0%	76.3%	-	68.4%
Natural Gas	6.5%*	19.4%	-	8.5%	-	7.1%
Oil	-	-	-	0.2%*	-	0.1%*
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	0.2%*	-	-	-	-	0.1%*
Diesel	-	-	-	15.0%*	-	4.4%*
Ethanol	-	-	-	-	-	-
Gasoline	28.4%*	-	-	0.1%*	-	20.0%*
Other	-	-	-	-	-	-
Total	100.0%	100.0%	100.0%	100.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-80 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	\$132.50*	\$106.40	\$60.27*	\$98.89	-	\$119.10
Natural Gas, Units=KTherms	\$1,351.77	\$809.51	-	\$948.09	-	\$1,170.13
Oil, Units=KTherms	\$2,182.09*	-	-	\$1,632.85*	-	\$1,719.12*
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	\$18.21*	-	-	-	-	\$18.21*
Diesel, Units=Site MMBtu	-	-	-	\$24.57*	-	\$24.57*
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	\$26.39*	-	-	\$24.76*	-	\$26.39*
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	\$30.91	\$20.06	\$17.66*	\$24.08	-	\$28.49

Note:
Standard errors estimates are not reported.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-81 EECBG BPA, Total of Six Evaluated BPAs
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	\$11.63*	\$9.34	\$5.29*	\$8.68	-	\$10.45
Natural Gas	\$12.91	\$7.73	-	\$9.06	-	\$11.18
Oil	\$21.60*	-	-	\$16.17*	-	\$17.02*
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	\$18.21*	-	-	-	-	\$18.21*
Diesel	-	-	-	\$24.32*	-	\$24.32*
Ethanol	-	-	-	-	-	-
Gasoline	\$26.13*	-	-	\$24.51*	-	\$26.13*
Other	-	-	-	-	-	-
Total	\$13.92	\$8.97	\$5.29*	\$9.65	-	\$12.30

Note:
Standard errors estimates are not reported.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

**Table M-82 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	-	3,640* (15,940)	3,221* (5,311)	3,221* (5,311)	3,221* (5,311)	19,327* (31,864)	22,278* (36,728)	87* (143)	-	54,996* (84,879)
Natural Gas, Units=KTherms	-	-	-	1,017* (1,677)	1,017* (1,677)	1,017* (1,677)	6,103* (10,062)	2,502* (4,125)	169* (278)	-	11,825* (19,495)
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	12,420* (54,390)	112,707* (185,813)	112,707* (185,813)	112,707* (185,813)	676,242* (1,114,881)	326,234* (537,842)	17,149* (28,273)	-	1,370,165* (2,238,530)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-83 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	41,482* (181,655)	36,709* (60,521)	36,709* (60,521)	36,709* (60,521)	220,256* (363,123)	253,877* (418,552)	992* (1,635)	-	626,734* (967,293)
Natural Gas	-	-	-	106,496* (175,574)	106,496* (175,574)	106,496* (175,574)	638,978* (1,053,446)	261,980* (431,911)	17,644* (29,089)	-	1,238,091* (2,041,169)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	41,482* (181,655)	143,206* (236,095)	143,206* (236,095)	143,206* (236,095)	859,234* (1,416,570)	515,857* (850,463)	18,636* (30,724)	-	1,864,825* (3,006,819)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-84 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2011-2036	-	-	3,640* (15,940)	3,221* (5,311)	3,221* (5,311)	3,221* (5,311)	3,221* (5,311)	2,228* (3,673)	15* (24)	-	2,115* (3,265)
Natural Gas, Units=KTherms	2012-2036	-	-	-	1,017* (1,677)	1,017* (1,677)	1,017* (1,677)	1,017* (1,677)	250* (413)	28* (46)	-	473* (780)
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2011-2036	-	-	12,420* (54,390)	112,707* (185,813)	112,707* (185,813)	112,707* (185,813)	112,707* (185,813)	32,623* (53,784)	2,858* (4,712)	-	52,699* (86,097)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-85 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2011-2036	-	-	41,482 [*] (181,655)	36,709 [*] (60,521)	36,709 [*] (60,521)	36,709 [*] (60,521)	36,709 [*] (60,521)	25,388 [*] (41,855)	165 [*] (273)	-	24,105 [*] (37,204)
Natural Gas	2012-2036	-	-	-	106,496 [*] (175,574)	106,496 [*] (175,574)	106,496 [*] (175,574)	106,496 [*] (175,574)	26,198 [*] (43,191)	2,941 [*] (4,848)	-	49,524 [*] (81,647)
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2036	-	-	41,482 [*] (181,655)	143,206 [*] (236,095)	143,206 [*] (236,095)	143,206 [*] (236,095)	143,206 [*] (236,095)	51,586 [*] (85,046)	3,106 [*] (5,121)	-	71,724 [*] (115,647)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-86 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
Overall Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	6.6%* (27.2%)	5.9% (1.7%)	5.9% (1.7%)	5.9% (1.7%)	35.1% (10.2%)	40.5% (11.8%)	0.2% (0.0%)	-	100.0% (0.0%)
Natural Gas	-	-	-	8.6% (0.0%)	8.6% (0.0%)	8.6% (0.0%)	51.6% (0.0%)	21.2% (0.0%)	1.4% (0.0%)	-	100.0% (0.0%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	2.2%* (9.6%)	7.7% (0.8%)	7.7% (0.8%)	7.7% (0.8%)	46.1% (4.5%)	27.7% (2.7%)	1.0% (0.1%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-87 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
Overall Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	100.0% (0.0%)	25.6% (0.0%)	25.6% (0.0%)	25.6% (0.0%)	25.6% (0.0%)	49.2% (0.0%)	5.3% (0.0%)	-	33.6% (6.5%)
Natural Gas	-	-	-	74.4% (0.0%)	74.4% (0.0%)	74.4% (0.0%)	74.4% (0.0%)	50.8% (0.0%)	94.7% (0.0%)	-	66.4% (6.5%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-88 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	-	-	-	51* (222)	51* (222)	305* (1,335)	356* (1,557)	-	-	762* (3,337)
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	-	-	173* (759)	173* (759)	1,040* (4,554)	1,213* (5,313)	-	-	2,600* (11,385)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

**Table M-89 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	173* (759)	173* (759)	1,040* (4,554)	1,213* (5,313)	-	-	2,600* (11,385)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	173* (759)	173* (759)	1,040* (4,554)	1,213* (5,313)	-	-	2,600* (11,385)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-90 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	2013-2027	-	-	-	-	51* (222)	51* (222)	51* (222)	51* (222)	-	-	51* (222)
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2013-2027	-	-	-	-	173* (759)	173* (759)	173* (759)	173* (759)	-	-	173* (759)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
"n/a" indicates not applicable.
Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
KTherms = 1,000 Therms.

**Table M-91 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	2013-2027	-	-	-	-	173* (759)	173* (759)	173* (759)	173* (759)	-	-	173* (759)
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2013-2027	-	-	-	-	173* (759)	173* (759)	173* (759)	173* (759)	-	-	173* (759)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-92 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
Overall Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	6.7% (0.0%)	6.7% (0.0%)	40.0% (0.0%)	46.7% (0.0%)	-	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	6.7% (0.0%)	6.7% (0.0%)	40.0% (0.0%)	46.7% (0.0%)	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-93 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
Overall Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-94 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	-	3,145* (13,770)	3,221* (5,311)	3,221* (5,311)	3,221* (5,311)	19,327* (31,864)	22,278* (36,728)	87* (143)	-	54,500* (84,826)
Natural Gas, Units=KTherms	-	-	-	1,017* (1,677)	1,017* (1,677)	1,017* (1,677)	6,103* (10,062)	2,502* (4,125)	169* (278)	-	11,825* (19,495)
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	10,730* (46,987)	112,707* (185,813)	112,707* (185,813)	112,707* (185,813)	676,242* (1,114,881)	326,234* (537,842)	17,149* (28,273)	-	1,368,475* (2,238,506)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-95 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	35,836* (156,930)	36,709* (60,521)	36,709* (60,521)	36,709* (60,521)	220,256* (363,123)	253,877* (418,552)	992* (1,635)	-	621,088* (966,679)
Natural Gas	-	-	-	106,496* (175,574)	106,496* (175,574)	106,496* (175,574)	638,978* (1,053,446)	261,980* (431,911)	17,644* (29,089)	-	1,238,091* (2,041,169)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	35,836* (156,930)	143,206* (236,095)	143,206* (236,095)	143,206* (236,095)	859,234* (1,416,570)	515,857* (850,463)	18,636* (30,724)	-	1,859,179* (3,006,622)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-96 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2011-2036	-	-	3,145* (13,770)	3,221* (5,311)	3,221* (5,311)	3,221* (5,311)	3,221* (5,311)	2,228* (3,673)	15* (24)	-	2,096* (3,263)
Natural Gas, Units=KTherms	2012-2036	-	-	-	1,017* (1,677)	1,017* (1,677)	1,017* (1,677)	1,017* (1,677)	250* (413)	28* (46)	-	473* (780)
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2011-2036	-	-	10,730* (46,987)	112,707* (185,813)	112,707* (185,813)	112,707* (185,813)	112,707* (185,813)	32,623* (53,784)	2,858* (4,712)	-	52,634* (86,096)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-97 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2011-2036	-	-	35,836* (156,930)	36,709* (60,521)	36,709* (60,521)	36,709* (60,521)	36,709* (60,521)	25,388* (41,855)	165* (273)	-	23,888* (37,180)
Natural Gas	2012-2036	-	-	-	106,496* (175,574)	106,496* (175,574)	106,496* (175,574)	106,496* (175,574)	26,198* (43,191)	2,941* (4,848)	-	49,524* (81,647)
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2036	-	-	35,836* (156,930)	143,206* (236,095)	143,206* (236,095)	143,206* (236,095)	143,206* (236,095)	51,586* (85,046)	3,106* (5,121)	-	71,507* (115,639)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-98 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	5.8%* (23.9%)	5.9% (1.5%)	5.9% (1.5%)	5.9% (1.5%)	35.5% (9.0%)	40.9% (10.4%)	0.2% (0.0%)	-	100.0% (0.0%)
Natural Gas	-	-	-	8.6% (0.0%)	8.6% (0.0%)	8.6% (0.0%)	51.6% (0.0%)	21.2% (0.0%)	1.4% (0.0%)	-	100.0% (0.0%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1.9%* (8.3%)	7.7% (0.7%)	7.7% (0.7%)	7.7% (0.7%)	46.2% (3.9%)	27.7% (2.4%)	1.0% (0.1%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-99 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total	
Electricity	-	-	100.0% (0.0%)	25.6% (0.0%)	25.6% (0.0%)	25.6% (0.0%)	25.6% (0.0%)	49.2% (0.0%)	5.3% (0.0%)	-	33.4% (5.7%)	
Natural Gas	-	-	-	74.4% (0.0%)	74.4% (0.0%)	74.4% (0.0%)	74.4% (0.0%)	50.8% (0.0%)	94.7% (0.0%)	-	66.6% (5.7%)	
Oil	-	-	-	-	-	-	-	-	-	-	-	
Propane	-	-	-	-	-	-	-	-	-	-	-	
Kerosene	-	-	-	-	-	-	-	-	-	-	-	
Wood	-	-	-	-	-	-	-	-	-	-	-	
Diesel	-	-	-	-	-	-	-	-	-	-	-	
Ethanol	-	-	-	-	-	-	-	-	-	-	-	
Gasoline	-	-	-	-	-	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-	-	-	-	
Total	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-100 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	111,447* (183,736)	111,447* (183,736)	111,447* (183,736)	668,683* (1,102,419)	317,415* (523,303)	17,149* (28,273)	-	1,337,588* (2,205,204)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	10,730* (46,987)	1,260* (2,077)	1,260* (2,077)	1,260* (2,077)	7,559* (12,462)	8,819* (14,539)	-	-	30,887* (47,505)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	10,730* (46,987)	112,707* (185,813)	112,707* (185,813)	112,707* (185,813)	676,242* (1,114,881)	326,234* (537,842)	17,149* (28,273)	-	1,368,475* (2,238,506)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

**Table M-101 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	138,998* (229,158)	138,998* (229,158)	138,998* (229,158)	833,988* (1,374,947)	486,402* (801,904)	18,636* (30,724)	-	1,756,020* (2,895,049)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	35,836* (156,930)	4,208* (6,937)	4,208* (6,937)	4,208* (6,937)	25,246* (41,622)	29,454* (48,559)	-	-	103,159* (158,659)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	35,836* (156,930)	143,206* (236,095)	143,206* (236,095)	143,206* (236,095)	859,234* (1,416,570)	515,857* (850,463)	18,636* (30,724)	-	1,859,179* (3,006,622)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-102 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2036	-	-	-	111,447* (183,736)	111,447* (183,736)	111,447* (183,736)	111,447* (183,736)	31,741* (52,330)	2,858* (4,712)	-	53,504* (88,208)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2011-2027	-	-	10,730* (46,987)	1,260* (2,077)	1,260* (2,077)	1,260* (2,077)	1,260* (2,077)	1,260* (2,077)	-	-	1,817* (2,794)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2036	-	-	10,730* (46,987)	112,707* (185,813)	112,707* (185,813)	112,707* (185,813)	112,707* (185,813)	32,623* (53,784)	2,858* (4,712)	-	52,634* (86,096)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-103 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2036	-	-	-	138,998* (229,158)	138,998* (229,158)	138,998* (229,158)	138,998* (229,158)	48,640* (80,190)	3,106* (5,121)	-	70,241* (115,802)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2011-2027	-	-	35,836* (156,930)	4,208* (6,937)	4,208* (6,937)	4,208* (6,937)	4,208* (6,937)	4,208* (6,937)	-	-	6,068* (9,333)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2036	-	-	35,836* (156,930)	143,206* (236,095)	143,206* (236,095)	143,206* (236,095)	143,206* (236,095)	51,586* (85,046)	3,106* (5,121)	-	71,507* (115,639)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-104 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Sector and Year, Row Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	7.9% (0.0%)	7.9% (0.0%)	7.9% (0.0%)	47.5% (0.0%)	27.7% (0.0%)	1.1% (0.0%)	-	100.0% (0.0%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	34.7%* (99.9%)	4.1%* (6.2%)	4.1%* (6.2%)	4.1%* (6.2%)	24.5%* (37.4%)	28.6%* (43.7%)	-	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1.9%* (8.3%)	7.7% (0.7%)	7.7% (0.7%)	7.7% (0.7%)	46.2% (3.9%)	27.7% (2.4%)	1.0% (0.1%)	-	100.0% (0.0%)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-105 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Sector and Year, Column Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	97.1% (0.0%)	97.1% (0.0%)	97.1% (0.0%)	97.1% (0.0%)	94.3% (0.0%)	100.0% (0.0%)	-	94.5% (8.0%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	100.0% (0.0%)	2.9% (0.0%)	2.9% (0.0%)	2.9% (0.0%)	2.9% (0.0%)	5.7% (0.0%)	-	-	5.5%* (8.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-106 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	45,448* (74,927)	-	-	9,052* (13,922)	-	54,500* (84,826)
Natural Gas, Units=KTherms	11,825* (19,495)	-	-	-	-	11,825* (19,495)
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	1,337,588* (2,205,204)	-	-	30,887* (47,505)	-	1,368,475* (2,238,506)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
KTherms = 1,000 Therms.

**Table M-107 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	517,929 [*] (853,879)	-	-	103,159 [*] (158,659)	-	621,088 [*] (966,679)
Natural Gas	1,238,091 [*] (2,041,169)	-	-	-	-	1,238,091 [*] (2,041,169)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	1,756,020 [*] (2,895,049)	-	-	103,159 [*] (158,659)	-	1,859,179 [*] (3,006,622)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-108 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	1,818* (2,997)	-	-	532* (819)	-	2,096* (3,263)
Natural Gas, Units=KTherms	473* (780)	-	-	-	-	473* (780)
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	53,504* (88,208)	-	-	1,817* (2,794)	-	52,634* (86,096)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-109 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	20,717 [*] (34,155)	-	-	6,068 [*] (9,333)	-	23,888 [*] (37,180)
Natural Gas	49,524 [*] (81,647)	-	-	-	-	49,524 [*] (81,647)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	70,241 [*] (115,802)	-	-	6,068 [*] (9,333)	-	71,507 [*] (115,639)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-110 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	83.4% (21.2%)	-	-	16.6%* (21.2%)	-	100.0% (0.0%)
Natural Gas	100.0% (0.0%)	-	-	-	-	100.0% (0.0%)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	94.5% (8.0%)	-	-	5.5%* (8.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-111 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	29.5% (0.0%)	-	-	100.0% (0.0%)	-	33.4% (5.7%)
Natural Gas	70.5% (0.0%)	-	-	-	-	66.6% (5.7%)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-112 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	-	-	-	46* (201)	46* (201)	276* (1,208)	322* (1,409)	-	-	689* (3,019)
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	-	-	157* (687)	157* (687)	941* (4,120)	1,098* (4,807)	-	-	2,352* (10,301)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

**Table M-113 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	157* (687)	157* (687)	941* (4,120)	1,098* (4,807)	-	-	2,352* (10,300)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	157* (687)	157* (687)	941* (4,120)	1,098* (4,807)	-	-	2,352* (10,300)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-114 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	2013-2027	-	-	-	-	46* (201)	46* (201)	46* (201)	46* (201)	-	-	46* (201)
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2013-2027	-	-	-	-	157* (687)	157* (687)	157* (687)	157* (687)	-	-	157* (687)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-115 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	2013-2027	-	-	-	-	157* (687)	157* (687)	157* (687)	157* (687)	-	-	157* (687)
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2013-2027	-	-	-	-	157* (687)	157* (687)	157* (687)	157* (687)	-	-	157* (687)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-116 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	6.7% (0.0%)	6.7% (0.0%)	40.0% (0.0%)	46.7% (0.0%)	-	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	6.7% (0.0%)	6.7% (0.0%)	40.0% (0.0%)	46.7% (0.0%)	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-117 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-118 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	157* (687)	157* (687)	941* (4,120)	1,098* (4,807)	-	-	2,352* (10,301)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	157* (687)	157* (687)	941* (4,120)	1,098* (4,807)	-	-	2,352* (10,301)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

**Table M-119 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	157* (687)	157* (687)	941* (4,120)	1,098* (4,807)	-	-	2,352* (10,300)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	157* (687)	157* (687)	941* (4,120)	1,098* (4,807)	-	-	2,352* (10,300)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-120 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2013-2027	-	-	-	-	157* (687)	157* (687)	157* (687)	157* (687)	-	-	157* (687)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2013-2027	-	-	-	-	157* (687)	157* (687)	157* (687)	157* (687)	-	-	157* (687)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-121 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2013-2027	-	-	-	-	157* (687)	157* (687)	157* (687)	157* (687)	-	-	157* (687)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2013-2027	-	-	-	-	157* (687)	157* (687)	157* (687)	157* (687)	-	-	157* (687)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-122 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	6.7% (0.0%)	6.7% (0.0%)	40.0% (0.0%)	46.7% (0.0%)	-	-	100.0% (0.0%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	6.7% (0.0%)	6.7% (0.0%)	40.0% (0.0%)	46.7% (0.0%)	-	-	100.0% (0.0%)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-123 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	-	100.0% (0.0%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	-	100.0% (0.0%)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-124 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	689* (3,019)	-	-	-	-	689* (3,019)
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	2,352* (10,301)	-	-	-	-	2,352* (10,301)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-125 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	2,352* (10,300)	-	-	-	-	2,352* (10,300)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	2,352* (10,300)	-	-	-	-	2,352* (10,300)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-126 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	46 [^] (201)	-	-	-	-	46 [^] (201)
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	157 [*] (687)	-	-	-	-	157 [*] (687)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

**Table M-127 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	157* (687)	-	-	-	-	157* (687)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	157* (687)	-	-	-	-	157* (687)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-128 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
 EECBG-Attributable Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	100.0% (0.0%)	-	-	-	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	-	-	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-129 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
 EECBG-Attributable Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	100.0% (0.0%)	-	-	-	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	-	-	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-130 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	-	3,145* (13,770)	3,221* (5,311)	3,267* (5,311)	3,267* (5,311)	19,603* (31,867)	22,599* (36,731)	87* (143)	-	55,190* (84,833)
Natural Gas, Units=KTherms	-	-	-	1,017* (1,677)	1,017* (1,677)	1,017* (1,677)	6,103* (10,062)	2,502* (4,125)	169* (278)	-	11,825* (19,495)
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	10,730* (46,987)	112,707* (185,813)	112,864* (185,814)	112,864* (185,814)	677,183* (1,114,882)	327,331* (537,845)	17,149* (28,273)	-	1,370,827* (2,238,510)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-131 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	35,836* (156,930)	36,709* (60,521)	37,233* (60,527)	37,233* (60,527)	223,398* (363,160)	257,543* (418,595)	992* (1,635)	-	628,944* (966,764)
Natural Gas	-	-	-	106,496* (175,574)	106,496* (175,574)	106,496* (175,574)	638,978* (1,053,446)	261,980* (431,911)	17,644* (29,089)	-	1,238,091* (2,041,169)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	35,836* (156,930)	143,206* (236,095)	143,729* (236,096)	143,729* (236,096)	862,376* (1,416,579)	519,523* (850,484)	18,636* (30,724)	-	1,867,035* (3,006,649)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-132 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2011-2036	-	-	3,145* (13,770)	3,221* (5,311)	3,267* (5,311)	3,267* (5,311)	3,267* (5,311)	2,260* (3,673)	15* (24)	-	2,123* (3,263)
Natural Gas, Units=KTherms	2012-2036	-	-	-	1,017* (1,677)	1,017* (1,677)	1,017* (1,677)	1,017* (1,677)	250* (413)	28* (46)	-	473* (780)
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2011-2036	-	-	10,730* (46,987)	112,707* (185,813)	112,864* (185,814)	112,864* (185,814)	112,864* (185,814)	32,733* (53,785)	2,858* (4,712)	-	52,724* (86,097)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

**Table M-133 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2011-2036	-	-	35,836* (156,930)	36,709* (60,521)	37,233* (60,527)	37,233* (60,527)	37,233* (60,527)	25,754* (41,859)	165* (273)	-	24,190* (37,183)
Natural Gas	2012-2036	-	-	-	106,496* (175,574)	106,496* (175,574)	106,496* (175,574)	106,496* (175,574)	26,198* (43,191)	2,941* (4,848)	-	49,524* (81,647)
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2036	-	-	35,836* (156,930)	143,206* (236,095)	143,729* (236,096)	143,729* (236,096)	143,729* (236,096)	51,952* (85,048)	3,106* (5,121)	-	71,809* (115,640)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-134 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	5.7%* (23.7%)	5.8% (1.5%)	5.9% (1.5%)	5.9% (1.5%)	35.5% (8.9%)	40.9% (10.3%)	0.2% (0.0%)	-	100.0% (0.0%)
Natural Gas	-	-	-	8.6% (0.0%)	8.6% (0.0%)	8.6% (0.0%)	51.6% (0.0%)	21.2% (0.0%)	1.4% (0.0%)	-	100.0% (0.0%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1.9%* (8.3%)	7.7% (0.7%)	7.7% (0.7%)	7.7% (0.7%)	46.2% (3.9%)	27.8% (2.4%)	1.0% (0.1%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-135 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	100.0% (0.0%)	25.6% (0.0%)	25.9% (1.2%)	25.9% (1.2%)	25.9% (1.2%)	49.6% (1.6%)	5.3% (0.0%)	-	33.7% (5.8%)
Natural Gas	-	-	-	74.4% (0.0%)	74.1% (1.2%)	74.1% (1.2%)	74.1% (1.2%)	50.4% (1.6%)	94.7% (0.0%)	-	66.3% (5.8%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-136 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	111,447* (183,736)	111,604* (183,737)	111,604* (183,737)	669,624* (1,102,420)	318,512* (523,306)	17,149* (28,273)	-	1,339,940* (2,205,207)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	10,730* (46,987)	1,260* (2,077)	1,260* (2,077)	1,260* (2,077)	7,559* (12,462)	8,819* (14,539)	-	-	30,887* (47,505)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	10,730* (46,987)	112,707* (185,813)	112,864* (185,814)	112,864* (185,814)	677,183* (1,114,882)	327,331* (537,845)	17,149* (28,273)	-	1,370,827* (2,238,510)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

**Table M-137 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	138,998* (229,158)	139,522* (229,159)	139,522* (229,159)	837,130* (1,374,957)	490,069* (801,926)	18,636* (30,724)	-	1,763,876* (2,895,077)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	35,836* (156,930)	4,208* (6,937)	4,208* (6,937)	4,208* (6,937)	25,246* (41,622)	29,454* (48,559)	-	-	103,159* (158,659)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	35,836* (156,930)	143,206* (236,095)	143,729* (236,096)	143,729* (236,096)	862,376* (1,416,579)	519,523* (850,484)	18,636* (30,724)	-	1,867,035* (3,006,649)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-138 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2036	-	-	-	111,447* (183,736)	111,604* (183,737)	111,604* (183,737)	111,604* (183,737)	31,851* (52,331)	2,858* (4,712)	-	53,598* (88,208)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2011-2027	-	-	10,730* (46,987)	1,260* (2,077)	1,260* (2,077)	1,260* (2,077)	1,260* (2,077)	1,260* (2,077)	-	-	1,817* (2,794)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2036	-	-	10,730* (46,987)	112,707* (185,813)	112,864* (185,814)	112,864* (185,814)	112,864* (185,814)	32,733* (53,785)	2,858* (4,712)	-	52,724* (86,097)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-139 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2036	-	-	-	138,998* (229,158)	139,522* (229,159)	139,522* (229,159)	139,522* (229,159)	49,007* (80,193)	3,106* (5,121)	-	70,555* (115,803)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2011-2027	-	-	35,836* (156,930)	4,208* (6,937)	4,208* (6,937)	4,208* (6,937)	4,208* (6,937)	4,208* (6,937)	-	-	6,068* (9,333)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2036	-	-	35,836* (156,930)	143,206* (236,095)	143,729* (236,096)	143,729* (236,096)	143,729* (236,096)	51,952* (85,048)	3,106* (5,121)	-	71,809* (115,640)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-140 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	7.9% (0.2%)	7.9% (0.0%)	7.9% (0.0%)	47.5% (0.1%)	27.8% (0.4%)	1.1% (0.0%)	-	100.0% (0.0%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	34.7%* (99.9%)	4.1%* (6.2%)	4.1%* (6.2%)	4.1%* (6.2%)	24.5%* (37.4%)	28.6%* (43.7%)	-	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1.9%* (8.3%)	7.7% (0.7%)	7.7% (0.7%)	7.7% (0.7%)	46.2% (3.9%)	27.8% (2.4%)	1.0% (0.1%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-141 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	97.1% (0.0%)	97.1% (0.0%)	97.1% (0.0%)	97.1% (0.0%)	94.3% (0.2%)	100.0% (0.0%)	-	94.5% (8.0%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	100.0% (0.0%)	2.9% (0.0%)	2.9% (0.0%)	2.9% (0.0%)	2.9% (0.0%)	5.7% (0.2%)	-	-	5.5%* (8.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-142 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	46,137* (74,936)	-	-	9,052* (13,922)	-	55,190* (84,833)
Natural Gas, Units=KTherms	11,825* (19,495)	-	-	-	-	11,825* (19,495)
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	1,339,940* (2,205,207)	-	-	30,887* (47,505)	-	1,370,827* (2,238,510)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

**Table M-143 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	525,785 [*] (853,976)	-	-	103,159 [*] (158,659)	-	628,944 [*] (966,764)
Natural Gas	1,238,091 [*] (2,041,169)	-	-	-	-	1,238,091 [*] (2,041,169)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	1,763,876 [*] (2,895,077)	-	-	103,159 [*] (158,659)	-	1,867,035 [*] (3,006,649)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-144 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	1,845 [*] (2,997)	-	-	532 [*] (819)	-	2,123 [*] (3,263)
Natural Gas, Units=KTherms	473 [*] (780)	-	-	-	-	473 [*] (780)
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	53,598 [*] (88,208)	-	-	1,817 [*] (2,794)	-	52,724 [*] (86,097)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

**Table M-145 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	21,031* (34,159)	-	-	6,068* (9,333)	-	24,190* (37,183)
Natural Gas	49,524* (81,647)	-	-	-	-	49,524* (81,647)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	70,555* (115,803)	-	-	6,068* (9,333)	-	71,809* (115,640)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-146 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	83.6% (21.0%)	-	-	16.4%* (21.0%)	-	100.0% (0.0%)
Natural Gas	100.0% (0.0%)	-	-	-	-	100.0% (0.0%)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	94.5% (8.0%)	-	-	5.5%* (8.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-147 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	29.8% (1.4%)	-	-	100.0% (0.0%)	-	33.7% (5.8%)
Natural Gas	70.2% (1.4%)	-	-	-	-	66.3% (5.8%)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-148 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Bill Savings by Fuel Type and Year, Total Estimates, in Thousand 2009 Dollars**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	\$390*	\$381*	\$383*	\$382*	\$2,275*	\$2,629*	\$11*	-	\$6,451*
Natural Gas	-	-	-	\$1,198*	\$1,208*	\$1,217*	\$7,541*	\$3,319*	\$258*	-	\$14,741*
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	\$390*	\$1,579*	\$1,591*	\$1,599*	\$9,816*	\$5,948*	\$269*	-	\$21,192*

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-149 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Bill Savings by Fuel Type and Year, Row Percent Estimates, in Thousand 2009 Dollars**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	6.0%*	5.9%	5.9%	5.9%	35.3%	40.8%	0.2%	-	100.0%
Natural Gas	-	-	-	8.1%	8.2%	8.3%	51.2%	22.5%	1.8%	-	100.0%
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1.8%*	7.5%	7.5%	7.5%	46.3%	28.1%	1.3%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-150 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Bill Savings by Fuel Type and Year, Column Percent Estimates, in Thousand 2009 Dollars**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	100.0%	24.1%	24.1%	23.9%	23.2%	44.2%	4.0%	-	30.4%
Natural Gas	-	-	-	75.9%	75.9%	76.1%	76.8%	55.8%	96.0%	-	69.6%
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-151 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	-	\$123.99*	\$118.20*	\$117.21*	\$116.95*	\$116.07*	\$116.33*	\$123.64*	-	\$116.88*
Natural Gas, Units=KTherms	-	-	-	\$1,178.14*	\$1,187.38*	\$1,196.70*	\$1,235.58*	\$1,326.47*	\$1,531.55*	-	\$1,246.60*
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	\$36.34*	\$14.01*	\$14.09*	\$14.17*	\$14.50*	\$18.17*	\$15.68*	-	\$15.46*

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-152 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	\$10.88*	\$10.37*	\$10.28*	\$10.26*	\$10.18*	\$10.21*	\$10.85*	-	\$10.26*
Natural Gas	-	-	-	\$11.25*	\$11.34*	\$11.43*	\$11.80*	\$12.67*	\$14.63*	-	\$11.91*
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	\$10.88*	\$11.03*	\$11.07*	\$11.13*	\$11.38*	\$11.45*	\$14.43*	-	\$11.35*

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

**Table M-153 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Bill Savings by Sector and Year, Total Estimates, in Thousand 2009 Dollars**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	\$1,542*	\$1,554*	\$1,563*	\$9,598*	\$5,697*	\$269*	-	\$20,223*
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	\$390*	\$37*	\$37*	\$37*	\$217*	\$251*	-	-	\$969*
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	\$390*	\$1,579*	\$1,591*	\$1,599*	\$9,816*	\$5,948*	\$269*	-	\$21,192*

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-154 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Bill Savings by Sector and Year, Row Percent Estimates, in Thousand 2009 Dollars**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	7.6%	7.7%	7.7%	47.5%	28.2%	1.3%	-	100.0%
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	40.2%*	3.8%*	3.8%*	3.8%*	22.4%*	25.9%*	-	-	100.0%
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1.8%*	7.5%	7.5%	7.5%	46.3%	28.1%	1.3%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-155 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Bill Savings by Sector and Year, Column Percent Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	97.6%	97.7%	97.7%	97.8%	95.8%	100.0%	-	95.4%
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	100.0%	2.4%	2.3%	2.3%	2.2%	4.2%	-	-	4.6%*
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-156 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	\$13.84*	\$13.92*	\$14.00*	\$14.33*	\$17.89*	\$15.68*	-	\$15.09*
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	\$36.34*	\$29.50*	\$29.36*	\$29.23*	\$28.76*	\$28.44*	-	-	\$31.38*
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	\$36.34*	\$14.01*	\$14.09*	\$14.17*	\$14.50*	\$18.17*	\$15.68*	-	\$15.46*

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-157 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	\$11.09*	\$11.14*	\$11.20*	\$11.47*	\$11.63*	\$14.43*	-	\$11.46*
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	\$10.88*	\$8.83*	\$8.79*	\$8.75*	\$8.61*	\$8.51*	-	-	\$9.39*
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	\$10.88*	\$11.03*	\$11.07*	\$11.13*	\$11.38*	\$11.45*	\$14.43*	-	\$11.35*

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-158 **EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)**
EECBG-Attributable Bill Savings by Fuel Type and Sector, Total Estimates, in Thousand 2009 Dollars

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	\$5,482*	-	-	\$969*	-	\$6,451*
Natural Gas	\$14,741*	-	-	-	-	\$14,741*
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	\$20,223*	-	-	\$969*	-	\$21,192*

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-159 **EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)**
EECBG-Attributable Bill Savings by Fuel Type and Sector, Row Percent Estimates, in Thousand 2009 Dollars

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	85.0%	-	-	15.0%*	-	100.0%
Natural Gas	100.0%	-	-	-	-	100.0%
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	95.4%	-	-	4.6%*	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-160 **EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)**
EECBG-Attributable Bill Savings by Fuel Type and Sector, Column Percent Estimates, in Thousand 2009 Dollars

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	27.1%	-	-	100.0%	-	30.4%
Natural Gas	72.9%	-	-	-	-	69.6%
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0%	-	-	100.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-161 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	\$118.81*	-	-	\$107.06*	-	\$116.88*
Natural Gas, Units=KTherms	\$1,246.60*	-	-	-	-	\$1,246.60*
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	\$15.09*	-	-	\$31.38*	-	\$15.46*

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

**Table M-162 EECBG BPA, Energy Efficiency and Conservation Strategy (Direct Grants)
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	\$10.43 [*]	-	-	\$9.39 [*]	-	\$10.26 [*]
Natural Gas	\$11.91 [*]	-	-	-	-	\$11.91 [*]
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	\$11.46 [*]	-	-	\$9.39 [*]	-	\$11.35 [*]

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

**Table M-163 EECBG BPA, Financial Incentive Program
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	546* (893)	220,089* (280,724)	357,977 (335,614)	409,504 (405,716)	466,240 (471,728)	4,030,100 (4,309,000)	8,058,786* (10,081,806)	4,871,329* (6,292,995)	159,306 (195,141)	18,573,878 (21,438,493)
Natural Gas, Units=KTherms	-	1* (1)	7,717* (11,288)	10,247 (10,411)	10,821 (10,425)	11,049 (10,452)	73,085 (63,843)	99,523 (71,152)	51,718 (53,668)	18,073* (23,097)	282,233 (206,339)
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	16,939* (26,096)	2,823* (4,349)	-	-	31,055* (47,842)
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	1,950* (3,187)	1,525,534 (1,599,534)	2,248,962 (1,555,074)	2,482,173 (1,739,847)	2,698,577 (1,984,611)	21,076,696 (17,760,839)	37,452,833 (31,270,856)	21,793,485 (20,142,017)	2,350,860* (2,974,701)	91,631,071 (67,571,478)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-164 EECBG BPA, Financial Incentive Program
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	6,228* (10,178)	2,508,151* (3,199,149)	4,079,539 (3,824,681)	4,666,746 (4,623,569)	5,313,303 (5,375,845)	45,927,339 (49,105,714)	91,838,574* (114,893,065)	55,514,056* (71,715,479)	1,815,464 (2,223,847)	211,669,399 (244,314,777)
Natural Gas	-	90* (146)	808,008* (1,181,896)	1,072,830 (1,090,046)	1,132,921 (1,091,491)	1,156,809 (1,094,341)	7,651,991 (6,684,402)	10,420,060 (7,449,592)	5,414,904 (5,619,014)	1,892,228* (2,418,233)	29,549,841 (21,603,742)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	17,109* (26,357)	2,851* (4,393)	-	-	31,366* (48,321)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	6,317* (10,324)	3,319,011 (3,708,391)	5,155,220 (3,987,062)	5,802,518 (4,759,423)	6,472,963 (5,720,668)	53,596,439 (48,691,121)	102,261,486 (109,247,748)	60,928,960 (69,397,686)	3,707,691* (4,640,227)	241,250,605 (229,041,511)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-165 EECBG BPA, Financial Incentive Program
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2010-2050	-	546* (893)	220,089* (280,724)	357,977 (335,614)	409,504 (405,716)	466,240 (471,728)	671,683 (718,167)	805,879* (1,008,181)	487,133* (629,300)	15,931 (19,514)	453,021 (522,890)
Natural Gas, Units=KTherms	2010-2050	-	1* (1)	7,717* (11,288)	10,247 (10,411)	10,821 (10,425)	11,049 (10,452)	12,181 (10,641)	9,952 (7,115)	5,172 (5,367)	1,807* (2,310)	6,884 (5,033)
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	2011-2021	-	-	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	-	-	2,823* (4,349)
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2010-2050	-	1,950* (3,187)	1,525,534 (1,599,534)	2,248,962 (1,555,074)	2,482,173 (1,739,847)	2,698,577 (1,984,611)	3,512,783 (2,960,140)	3,745,283 (3,127,086)	2,179,348 (2,014,202)	235,086* (297,470)	2,234,904 (1,648,085)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-166 EECBG BPA, Financial Incentive Program
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2010-2050	-	6,228* (10,178)	2,508,151* (3,199,149)	4,079,539 (3,824,681)	4,666,746 (4,623,569)	5,313,303 (5,375,845)	7,654,557 (8,184,286)	9,183,857* (11,489,306)	5,551,406* (7,171,548)	181,546 (222,385)	5,162,668 (5,958,897)
Natural Gas	2010-2050	-	90* (146)	808,008* (1,181,896)	1,072,830 (1,090,046)	1,132,921 (1,091,491)	1,156,809 (1,094,341)	1,275,332 (1,114,067)	1,042,006 (744,959)	541,490 (561,901)	189,223* (241,823)	720,728 (526,921)
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	2011-2021	-	-	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	-	-	2,851* (4,393)
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2050	-	6,317* (10,324)	3,319,011 (3,708,391)	5,155,220 (3,987,062)	5,802,518 (4,759,423)	6,472,963 (5,720,668)	8,932,740 (8,115,187)	10,226,149 (10,924,775)	6,092,896 (6,939,769)	370,769* (464,023)	5,884,161 (5,586,378)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-167 EECBG BPA, Financial Incentive Program
Overall Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	1.2% (0.2%)	1.9% (0.9%)	2.2% (0.8%)	2.5% (0.8%)	21.7% (3.2%)	43.4% (3.4%)	26.2% (3.3%)	0.9%* (1.5%)	100.0% (0.0%)
Natural Gas	-	-	2.7% (2.8%)	3.6% (2.4%)	3.8% (2.2%)	3.9% (2.2%)	25.9% (11.5%)	35.3% (4.0%)	18.3% (14.6%)	6.4% (6.7%)	100.0% (0.0%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	9.1% (0.0%)	9.1% (0.0%)	9.1% (0.0%)	9.1% (0.0%)	54.5% (0.0%)	9.1% (0.0%)	-	-	100.0% (0.0%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1.4% (0.6%)	2.1% (1.1%)	2.4% (1.0%)	2.7% (0.9%)	22.2% (3.8%)	42.4% (4.2%)	25.3% (4.7%)	1.5%* (2.5%)	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-168 EECBG BPA, Financial Incentive Program
Overall Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	98.6% (0.0%)	75.6% (34.6%)	79.1% (22.7%)	80.4% (21.6%)	82.1% (20.7%)	85.7% (18.1%)	89.8% (14.1%)	91.1% (13.7%)	49.0% (2.2%)	87.7% (15.9%)
Natural Gas	-	1.4% (0.0%)	24.3%* (34.5%)	20.8% (22.7%)	19.5% (21.6%)	17.9% (20.7%)	14.3%* (18.1%)	10.2%* (14.1%)	8.9%* (13.7%)	51.0% (2.2%)	12.2%* (15.9%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	0.1%* (0.2%)	0.1%* (0.1%)	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-169 EECBG BPA, Financial Incentive Program
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	-	1,440* (2,353)	9,037* (11,938)	9,037* (11,938)	9,037* (11,938)	54,222* (71,630)	90,370* (119,383)	52,782* (71,204)	-	225,924* (298,458)
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	4,912* (8,028)	30,835* (40,735)	30,835* (40,735)	30,835* (40,735)	185,012* (244,411)	308,353* (407,352)	180,100* (242,957)	-	770,884* (1,018,380)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-170 EECBG BPA, Financial Incentive Program
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	4,912* (8,027)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	185,004* (244,401)	308,341* (407,335)	180,093* (242,947)	-	770,852* (1,018,338)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	4,912* (8,027)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	185,004* (244,401)	308,341* (407,335)	180,093* (242,947)	-	770,852* (1,018,338)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-171 EECBG BPA, Financial Incentive Program
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	2011-2036	-	-	1,440* (2,353)	9,037* (11,938)	9,037* (11,938)	9,037* (11,938)	9,037* (11,938)	9,037* (11,938)	8,797* (11,867)	-	8,689* (11,479)
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2011-2036	-	-	4,912* (8,028)	30,835* (40,735)	30,835* (40,735)	30,835* (40,735)	30,835* (40,735)	30,835* (40,735)	30,017* (40,493)	-	29,649* (39,168)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
"n/a" indicates not applicable.
Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
KTherms = 1,000 Therms.

**Table M-172 EECBG BPA, Financial Incentive Program
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	2011-2036	-	-	4,912* (8,027)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	30,015* (40,491)	-	29,648* (39,167)
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2036	-	-	4,912* (8,027)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	30,015* (40,491)	-	29,648* (39,167)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-173 EECBG BPA, Financial Incentive Program
Overall Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	0.6%* (1.2%)	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.0%)	40.0% (0.0%)	23.4% (1.2%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	0.6%* (1.2%)	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.0%)	40.0% (0.0%)	23.4% (1.2%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-174 EECBG BPA, Financial Incentive Program
Overall Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-175 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	546* (893)	220,089* (280,724)	354,401 (335,745)	398,051 (405,392)	451,741 (470,386)	3,938,194 (4,334,866)	7,998,600* (10,121,557)	4,871,203* (6,293,094)	159,303 (195,137)	18,392,128 (21,548,892)
Natural Gas, Units=KTherms	-	1* (1)	7,717* (11,288)	9,027 (8,582)	8,726 (7,741)	8,824 (7,809)	59,735 (48,358)	87,216 (62,017)	51,511 (53,656)	18,072* (23,096)	250,830 (180,396)
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	16,939* (26,096)	2,823* (4,349)	-	-	31,055* (47,842)
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	1,950* (3,187)	1,525,534 (1,599,534)	2,114,827 (1,430,931)	2,233,656 (1,582,599)	2,426,620 (1,849,574)	19,428,146 (16,722,650)	36,016,717 (30,809,408)	21,772,308 (20,164,048)	2,350,783* (2,974,580)	87,870,541 (64,612,266)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-176 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	6,228* (10,178)	2,508,151* (3,199,149)	4,038,787 (3,826,180)	4,536,219 (4,619,877)	5,148,071 (5,360,560)	44,879,973 (49,400,478)	91,152,688* (115,346,072)	55,512,615* (71,716,598)	1,815,434 (2,223,800)	209,598,166 (245,572,899)
Natural Gas	-	90* (146)	808,008* (1,181,896)	945,165 (898,550)	913,641 (810,534)	923,867 (817,590)	6,254,294 (5,063,120)	9,131,463 (6,493,230)	5,393,183 (5,617,756)	1,892,157* (2,418,121)	26,261,869 (18,887,425)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	17,109* (26,357)	2,851* (4,393)	-	-	31,366* (48,321)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	6,317* (10,324)	3,319,011 (3,708,391)	4,986,803 (3,929,660)	5,452,712 (4,687,433)	6,074,790 (5,478,631)	51,151,375 (47,667,718)	100,287,003 (110,045,158)	60,905,799 (69,418,241)	3,707,591* (4,640,068)	235,891,401 (230,493,886)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-177 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2010-2050	-	546* (893)	220,089* (280,724)	354,401 (335,745)	398,051 (405,392)	451,741 (470,386)	656,366 (722,478)	799,860* (1,012,156)	487,120* (629,309)	15,930 (19,514)	448,588 (525,583)
Natural Gas, Units=KTherms	2010-2050	-	1* (1)	7,717* (11,288)	9,027 (8,582)	8,726 (7,741)	8,824 (7,809)	9,956 (8,060)	8,722 (6,202)	5,151 (5,366)	1,807* (2,310)	6,118 (4,400)
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	2011-2021	-	-	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	-	-	2,823* (4,349)
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2010-2050	-	1,950* (3,187)	1,525,534 (1,599,534)	2,114,827 (1,430,931)	2,233,656 (1,582,599)	2,426,620 (1,849,574)	3,238,024 (2,787,108)	3,601,672 (3,080,941)	2,177,231 (2,016,405)	235,078* (297,458)	2,143,184 (1,575,909)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-178 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2010-2050	-	6,228* (10,178)	2,508,151* (3,199,149)	4,038,787 (3,826,180)	4,536,219 (4,619,877)	5,148,071 (5,360,560)	7,479,995 (8,233,413)	9,115,269* (11,534,607)	5,551,262* (7,171,660)	181,543 (222,380)	5,112,150 (5,989,583)
Natural Gas	2010-2050	-	90* (146)	808,008* (1,181,896)	945,165 (898,550)	913,641 (810,534)	923,867 (817,590)	1,042,382 (843,853)	913,146 (649,323)	539,318 (561,776)	189,216* (241,812)	640,533 (460,669)
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	2011-2021	-	-	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	-	-	2,851* (4,393)
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2050	-	6,317* (10,324)	3,319,011 (3,708,391)	4,986,803 (3,929,660)	5,452,712 (4,687,433)	6,074,790 (5,478,631)	8,525,229 (7,944,620)	10,028,700 (11,004,516)	6,090,580 (6,941,824)	370,759* (464,007)	5,753,449 (5,621,802)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-179 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	1.2% (0.2%)	1.9% (0.9%)	2.2% (0.8%)	2.5% (0.7%)	21.4% (2.9%)	43.5% (3.3%)	26.5% (3.1%)	0.9%* (1.5%)	100.0% (0.0%)
Natural Gas	-	-	3.1% (3.5%)	3.6% (2.6%)	3.5% (2.1%)	3.5% (2.1%)	23.8% (11.1%)	34.8% (4.3%)	20.5% (14.5%)	7.2% (7.0%)	100.0% (0.0%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	9.1% (0.0%)	9.1% (0.0%)	9.1% (0.0%)	9.1% (0.0%)	54.5% (0.0%)	9.1% (0.0%)	-	-	100.0% (0.0%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1.4% (0.7%)	2.1% (1.0%)	2.3% (0.9%)	2.6% (0.8%)	21.7% (3.3%)	42.5% (4.2%)	25.8% (4.0%)	1.6%* (2.6%)	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-180 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	98.6% (0.0%)	75.6% (34.6%)	81.0% (20.6%)	83.2% (18.9%)	84.7% (18.1%)	87.7% (15.7%)	90.9% (12.8%)	91.1% (13.6%)	49.0% (2.2%)	88.9% (14.7%)
Natural Gas	-	1.4% (0.0%)	24.3%* (34.5%)	19.0% (20.6%)	16.8% (18.9%)	15.2% (18.1%)	12.2%* (15.7%)	9.1%* (12.8%)	8.9%* (13.6%)	51.0% (2.2%)	11.1%* (14.7%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	0.1%* (0.2%)	0.1%* (0.1%)	0.1%* (0.1%)	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-181 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	712,624* (957,342)	1,123,601 (1,156,952)	1,354,664 (1,385,358)	1,570,188 (1,581,297)	14,289,559 (14,366,096)	31,553,178 (32,945,835)	21,706,807 (20,236,367)	2,350,783* (2,974,580)	74,661,405 (69,032,498)
Commercial	-	1,950* (3,187)	6,014* (9,828)	6,012* (9,826)	5,953* (9,729)	5,953* (9,729)	35,720* (58,377)	33,142* (54,163)	-	-	94,744* (154,839)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	806,896* (1,239,553)	985,213 (946,468)	873,039 (848,010)	850,478 (848,055)	5,102,867 (5,088,328)	4,430,398 (4,262,398)	65,501* (90,914)	-	13,114,392 (13,147,330)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	1,950* (3,187)	1,525,534 (1,599,534)	2,114,827 (1,430,931)	2,233,656 (1,582,599)	2,426,620 (1,849,574)	19,428,146 (16,722,650)	36,016,717 (30,809,408)	21,772,308 (20,164,048)	2,350,783* (2,974,580)	87,870,541 (64,612,266)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

**Table M-182 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	2,291,026* (3,228,716)	3,441,421 (3,820,314)	4,085,054 (4,621,195)	4,753,821 (5,421,892)	43,225,560 (49,968,284)	93,926,456 (114,371,116)	60,834,418 (69,483,528)	3,707,591* (4,640,068)	216,265,347 (243,179,812)
Commercial	-	6,317* (10,324)	17,112* (27,966)	17,107* (27,958)	16,911* (27,637)	16,911* (27,637)	101,464* (165,821)	81,550* (133,275)	-	-	257,372* (420,618)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	1,010,872* (1,555,676)	1,528,275 (1,199,494)	1,350,747 (1,055,253)	1,304,058 (1,039,460)	7,824,351 (6,236,759)	6,278,997 (5,241,505)	71,380* (98,561)	-	19,368,682 (16,114,935)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	6,317* (10,324)	3,319,011 (3,708,391)	4,986,803 (3,929,660)	5,452,712 (4,687,433)	6,074,790 (5,478,631)	51,151,375 (47,667,718)	100,287,003 (110,045,158)	60,905,799 (69,418,241)	3,707,591* (4,640,068)	235,891,401 (230,493,886)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-183 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2011-2050	-	-	712,624* (957,342)	1,123,601 (1,156,952)	1,354,664 (1,385,358)	1,570,188 (1,581,297)	2,381,593 (2,394,349)	3,155,318 (3,294,583)	2,170,681 (2,023,637)	235,078* (297,458)	1,866,535 (1,725,812)
Commercial	2010-2030	-	1,950* (3,187)	6,014* (9,828)	6,012* (9,826)	5,953* (9,729)	5,953* (9,729)	5,953* (9,729)	3,314* (5,416)	-	-	4,512* (7,373)
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2011-2031	-	-	806,896* (1,239,553)	985,213 (946,468)	873,039 (848,010)	850,478 (848,055)	850,478 (848,055)	443,040 (426,240)	65,501* (90,914)	-	624,495 (626,063)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2050	-	1,950* (3,187)	1,525,534 (1,599,534)	2,114,827 (1,430,931)	2,233,656 (1,582,599)	2,426,620 (1,849,574)	3,238,024 (2,787,108)	3,601,672 (3,080,941)	2,177,231 (2,016,405)	235,078* (297,458)	2,143,184 (1,575,909)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-184 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2011-2050	-	-	2,291,026* (3,228,716)	3,441,421 (3,820,314)	4,085,054 (4,621,195)	4,753,821 (5,421,892)	7,204,260 (8,328,047)	9,392,646 (11,437,112)	6,083,442 (6,948,353)	370,759* (464,007)	5,406,634 (6,079,495)
Commercial	2010-2030	-	6,317* (10,324)	17,112* (27,966)	17,107* (27,958)	16,911* (27,637)	16,911* (27,637)	16,911* (27,637)	8,155* (13,327)	-	-	12,256* (20,029)
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2011-2031	-	-	1,010,872* (1,555,676)	1,528,275 (1,199,494)	1,350,747 (1,055,253)	1,304,058 (1,039,460)	1,304,058 (1,039,460)	627,900 (524,150)	71,380* (98,561)	-	922,318 (767,378)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2050	-	6,317* (10,324)	3,319,011 (3,708,391)	4,986,803 (3,929,660)	5,452,712 (4,687,433)	6,074,790 (5,478,631)	8,525,229 (7,944,620)	10,028,700 (11,004,516)	6,090,580 (6,941,824)	370,759* (464,007)	5,753,449 (5,621,802)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-185 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Sector and Year, Row Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	1.1% (0.3%)	1.6% (0.5%)	1.9% (0.5%)	2.2% (0.5%)	20.0% (2.2%)	43.4% (3.5%)	28.1% (2.3%)	1.7%* (2.9%)	100.0% (0.0%)
Commercial	-	2.5% (0.0%)	6.6% (0.0%)	6.6% (0.0%)	6.6% (0.0%)	6.6% (0.0%)	39.4% (0.0%)	31.7% (0.0%)	-	-	100.0% (0.0%)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	5.2% (4.7%)	7.9% (1.1%)	7.0% (0.7%)	6.7% (0.3%)	40.4% (2.0%)	32.4% (0.4%)	0.4%* (0.6%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1.4% (0.7%)	2.1% (1.0%)	2.3% (0.9%)	2.6% (0.8%)	21.7% (3.3%)	42.5% (4.2%)	25.8% (4.0%)	1.6%* (2.6%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-186 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Sector and Year, Column Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	69.0% (45.1%)	69.0% (29.8%)	74.9% (26.3%)	78.3% (24.6%)	84.5% (19.9%)	93.7% (9.5%)	99.9% (0.2%)	100.0% (0.0%)	91.7% (11.8%)
Commercial	-	100.0% (0.0%)	0.5%* (1.0%)	0.3%* (0.6%)	0.3%* (0.6%)	0.3%* (0.5%)	0.2%* (0.4%)	0.1%* (0.2%)	-	-	0.1%* (0.2%)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	30.5%* (44.9%)	30.6% (29.7%)	24.8% (26.1%)	21.5% (24.4%)	15.3%* (19.7%)	6.3%* (9.4%)	0.1%* (0.2%)	-	8.2%* (11.7%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-187 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	17,651,132* (22,064,178)	20,218* (33,041)	-	720,779 (452,857)	-	18,392,128 (21,548,892)
Natural Gas, Units=KTherms	144,333 (135,216)	258* (421)	-	106,239 (122,972)	-	250,830 (180,396)
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	31,055* (47,842)	-	31,055* (47,842)
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	74,661,405 (69,032,498)	94,744* (154,839)	-	13,114,392 (13,147,330)	-	87,870,541 (64,612,266)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
KTherms = 1,000 Therms.

**Table M-188 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	201,153,712 [*] (251,445,137)	230,402 [*] (376,542)	-	8,214,052 (5,160,797)	-	209,598,166 (245,572,899)
Natural Gas	15,111,635 (14,157,088)	26,969 [*] (44,076)	-	11,123,264 (12,875,140)	-	26,261,869 (18,887,425)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	31,366 [*] (48,321)	-	31,366 [*] (48,321)
Other	-	-	-	-	-	-
Total	216,265,347 (243,179,812)	257,372 [*] (420,618)	-	19,368,682 (16,114,935)	-	235,891,401 (230,493,886)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-189 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	441,278* (551,604)	963* (1,573)	-	34,323 (21,565)	-	448,588 (525,583)
Natural Gas, Units=KTherms	3,608 (3,380)	12* (20)	-	5,059 (5,856)	-	6,118 (4,400)
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	2,823* (4,349)	-	2,823* (4,349)
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	1,866,535 (1,725,812)	4,512* (7,373)	-	624,495 (626,063)	-	2,143,184 (1,575,909)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-190 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	5,028,843 [*] (6,286,128)	10,972 [*] (17,931)	-	391,145 (245,752)	-	5,112,150 (5,989,583)
Natural Gas	377,791 (353,927)	1,284 [*] (2,099)	-	529,679 (613,102)	-	640,533 (460,669)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	2,851 [*] (4,393)	-	2,851 [*] (4,393)
Other	-	-	-	-	-	-
Total	5,406,634 (6,079,495)	12,256 [*] (20,029)	-	922,318 (767,378)	-	5,753,449 (5,621,802)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-191 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	96.0% (5.9%)	0.1%* (0.2%)	-	3.9%* (5.7%)	-	100.0% (0.0%)
Natural Gas	57.5% (36.8%)	0.1%* (0.2%)	-	42.4% (36.7%)	-	100.0% (0.0%)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Other	-	-	-	-	-	-
Total	91.7% (11.8%)	0.1%* (0.2%)	-	8.2%* (11.7%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-192 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	93.0% (10.6%)	89.5% (0.0%)	-	42.4% (24.3%)	-	88.9% (14.7%)
Natural Gas	7.0%* (10.6%)	10.5% (0.0%)	-	57.4% (24.4%)	-	11.1%* (14.7%)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	0.2%* (0.3%)	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-193 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	-	1,440* (2,353)	9,037* (11,938)	9,037* (11,938)	9,037* (11,938)	54,222* (71,630)	90,370* (119,383)	52,782* (71,204)	-	225,924* (298,458)
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	4,912* (8,028)	30,835* (40,735)	30,835* (40,735)	30,835* (40,735)	185,012* (244,411)	308,353* (407,352)	180,100* (242,957)	-	770,884* (1,018,380)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-194 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	4,912* (8,027)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	185,004* (244,401)	308,341* (407,335)	180,093* (242,947)	-	770,852* (1,018,338)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	4,912* (8,027)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	185,004* (244,401)	308,341* (407,335)	180,093* (242,947)	-	770,852* (1,018,338)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-195 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	2011-2036	-	-	1,440* (2,353)	9,037* (11,938)	9,037* (11,938)	9,037* (11,938)	9,037* (11,938)	9,037* (11,938)	8,797* (11,867)	-	8,689* (11,479)
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2011-2036	-	-	4,912* (8,028)	30,835* (40,735)	30,835* (40,735)	30,835* (40,735)	30,835* (40,735)	30,835* (40,735)	30,017* (40,493)	-	29,649* (39,168)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-196 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	2011-2036	-	-	4,912* (8,027)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	30,015* (40,491)	-	29,648* (39,167)
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2036	-	-	4,912* (8,027)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	30,015* (40,491)	-	29,648* (39,167)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-197 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	0.6%* (1.2%)	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.0%)	40.0% (0.0%)	23.4% (1.2%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	0.6%* (1.2%)	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.0%)	40.0% (0.0%)	23.4% (1.2%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-198 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-199 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	4,690* (7,665)	4,690* (7,665)	4,690* (7,665)	4,690* (7,665)	28,142* (45,992)	46,904* (76,654)	23,452* (38,327)	-	117,259* (191,635)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	222* (362)	26,145* (39,938)	26,145* (39,938)	26,145* (39,938)	156,870* (239,628)	261,450* (399,380)	156,648* (239,625)	-	653,624* (998,450)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	4,912* (8,028)	30,835* (40,735)	30,835* (40,735)	30,835* (40,735)	185,012* (244,411)	308,353* (407,352)	180,100* (242,957)	-	770,884* (1,018,380)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

Table M-200

EECBG BPA, Financial Incentive Program

EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	4,690* (7,665)	4,690* (7,665)	4,690* (7,665)	4,690* (7,665)	28,141* (45,990)	46,902* (76,651)	23,451* (38,325)	-	117,255* (191,627)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	222* (362)	26,144* (39,936)	26,144* (39,936)	26,144* (39,936)	156,863* (239,618)	261,439* (399,364)	156,642* (239,615)	-	653,597* (998,409)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	4,912* (8,027)	30,834* (40,734)	30,834* (40,734)	30,834* (40,734)	185,004* (244,401)	308,341* (407,335)	180,093* (242,947)	-	770,852* (1,018,338)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-201 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2011-2035	-	-	4,690 [*] (7,665)	4,690 [*] (7,665)	4,690 [*] (7,665)	4,690 [*] (7,665)	4,690 [*] (7,665)	4,690 [*] (7,665)	4,690 [*] (7,665)	-	4,690 [*] (7,665)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2011-2036	-	-	222 [*] (362)	26,145 [*] (39,938)	26,145 [*] (39,938)	26,145 [*] (39,938)	26,145 [*] (39,938)	26,145 [*] (39,938)	26,108 [*] (39,938)	-	25,139 [*] (38,402)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2036	-	-	4,912 [*] (8,028)	30,835 [*] (40,735)	30,835 [*] (40,735)	30,835 [*] (40,735)	30,835 [*] (40,735)	30,835 [*] (40,735)	30,017 [*] (40,493)	-	29,649 [*] (39,168)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-202 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2011-2035	-	-	4,690 [*] (7,665)	4,690 [*] (7,665)	4,690 [*] (7,665)	4,690 [*] (7,665)	4,690 [*] (7,665)	4,690 [*] (7,665)	4,690 [*] (7,665)	-	4,690 [*] (7,665)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2011-2036	-	-	222 [*] (362)	26,144 [*] (39,936)	26,144 [*] (39,936)	26,144 [*] (39,936)	26,144 [*] (39,936)	26,144 [*] (39,936)	26,107 [*] (39,936)	-	25,138 [*] (38,400)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2036	-	-	4,912 [*] (8,027)	30,834 [*] (40,734)	30,834 [*] (40,734)	30,834 [*] (40,734)	30,834 [*] (40,734)	30,834 [*] (40,734)	30,015 [*] (40,491)	-	29,648 [*] (39,167)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-203 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.0%)	40.0% (0.0%)	20.0% (0.0%)	-	100.0% (0.0%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	-	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.0%)	40.0% (0.0%)	24.0% (0.1%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	0.6%* (1.2%)	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.0%)	40.0% (0.0%)	23.4% (1.2%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-204 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	95.5% (0.0%)	15.2%* (28.7%)	15.2%* (28.7%)	15.2%* (28.7%)	15.2%* (28.7%)	15.2%* (28.7%)	13.0%* (25.3%)	-	15.2%* (28.7%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	4.5% (0.0%)	84.8% (28.7%)	84.8% (28.7%)	84.8% (28.7%)	84.8% (28.7%)	84.8% (28.7%)	87.0% (25.3%)	-	84.8% (28.7%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-205 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	34,365 [°] (56,163)	-	-	191,558 [°] (292,617)	-	225,924 [°] (298,458)
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	117,259 [°] (191,635)	-	-	653,624 [°] (998,450)	-	770,884 [°] (1,018,380)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-206 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	117,255* (191,627)	-	-	653,597* (998,409)	-	770,852* (1,018,338)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	117,255* (191,627)	-	-	653,597* (998,409)	-	770,852* (1,018,338)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-207 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	1,375 [°] (2,247)	-	-	7,368 [°] (11,255)	-	8,689 [°] (11,479)
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	4,690 [°] (7,665)	-	-	25,139 [°] (38,402)	-	29,649 [°] (39,168)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

**Table M-208 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	4,690 [*] (7,665)	-	-	25,138 [*] (38,400)	-	29,648 [*] (39,167)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	4,690 [*] (7,665)	-	-	25,138 [*] (38,400)	-	29,648 [*] (39,167)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-209 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	15.2%* (28.7%)	-	-	84.8% (28.7%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	15.2%* (28.7%)	-	-	84.8% (28.7%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-210 EECBG BPA, Financial Incentive Program
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-211 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	546* (893)	221,529* (279,820)	363,438 (334,769)	407,088 (404,282)	460,777 (477,092)	3,992,416 (4,345,039)	8,088,970* (10,064,919)	4,923,985* (6,253,803)	159,303 (195,137)	18,618,052 (21,450,477)
Natural Gas, Units=KTherms	-	1* (1)	7,717* (11,288)	9,027 (8,582)	8,726 (7,741)	8,824 (7,809)	59,735 (48,358)	87,216 (62,017)	51,511 (53,656)	18,072* (23,096)	250,830 (180,396)
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	16,939* (26,096)	2,823* (4,349)	-	-	31,055* (47,842)
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	1,950* (3,187)	1,530,446 (1,594,505)	2,145,662 (1,419,600)	2,264,492 (1,572,594)	2,457,455 (1,839,979)	19,613,158 (16,754,343)	36,325,071 (30,518,553)	21,952,408 (19,973,152)	2,350,783* (2,974,580)	88,641,425 (64,050,520)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

Table M-212 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	6,228* (10,178)	2,524,557* (3,188,847)	4,141,773 (3,815,054)	4,639,205 (4,607,234)	5,251,057 (5,436,982)	45,497,888 (49,516,407)	92,182,546* (114,700,622)	56,114,125* (71,268,844)	1,815,434 (2,223,800)	212,172,812 (244,451,347)
Natural Gas	-	90* (146)	808,008* (1,181,896)	945,165 (898,550)	913,641 (810,534)	923,867 (817,590)	6,254,294 (5,063,120)	9,131,463 (6,493,230)	5,393,183 (5,617,756)	1,892,157* (2,418,121)	26,261,869 (18,887,425)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	17,109* (26,357)	2,851* (4,393)	-	-	31,366* (48,321)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	6,317* (10,324)	3,335,417 (3,684,151)	5,089,789 (3,907,802)	5,555,697 (4,667,071)	6,177,776 (5,556,037)	51,769,290 (47,789,065)	101,316,861 (109,296,047)	61,507,308 (68,906,799)	3,707,591* (4,640,068)	238,466,047 (229,123,114)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-213 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2010-2050	-	546* (893)	221,529* (279,820)	363,438 (334,769)	407,088 (404,282)	460,777 (477,092)	665,403 (724,173)	808,897* (1,006,492)	492,398* (625,380)	15,930 (19,514)	454,099 (523,182)
Natural Gas, Units=KTherms	2010-2050	-	1* (1)	7,717* (11,288)	9,027 (8,582)	8,726 (7,741)	8,824 (7,809)	9,956 (8,060)	8,722 (6,202)	5,151 (5,366)	1,807* (2,310)	6,118 (4,400)
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	2011-2021	-	-	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	2,823* (4,349)	-	-	2,823* (4,349)
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2010-2050	-	1,950* (3,187)	1,530,446 (1,594,505)	2,145,662 (1,419,600)	2,264,492 (1,572,594)	2,457,455 (1,839,979)	3,268,860 (2,792,391)	3,632,507 (3,051,855)	2,195,241 (1,997,315)	235,078* (297,458)	2,161,986 (1,562,208)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

Table M-214 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2010-2050	-	6,228* (10,178)	2,524,557* (3,188,847)	4,141,773 (3,815,054)	4,639,205 (4,607,234)	5,251,057 (5,436,982)	7,582,981 (8,252,735)	9,218,255* (11,470,062)	5,611,412* (7,126,884)	181,543 (222,380)	5,174,947 (5,962,228)
Natural Gas	2010-2050	-	90* (146)	808,008* (1,181,896)	945,165 (898,550)	913,641 (810,534)	923,867 (817,590)	1,042,382 (843,853)	913,146 (649,323)	539,318 (561,776)	189,216* (241,812)	640,533 (460,669)
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	2011-2021	-	-	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	2,851* (4,393)	-	-	2,851* (4,393)
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2050	-	6,317* (10,324)	3,335,417 (3,684,151)	5,089,789 (3,907,802)	5,555,697 (4,667,071)	6,177,776 (5,556,037)	8,628,215 (7,964,844)	10,131,686 (10,929,605)	6,150,731 (6,890,680)	370,759* (464,007)	5,816,245 (5,588,369)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-215 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	1.2% (0.2%)	2.0% (0.9%)	2.2% (0.8%)	2.5% (0.7%)	21.4% (2.9%)	43.4% (3.3%)	26.4% (3.1%)	0.9%* (1.5%)	100.0% (0.0%)
Natural Gas	-	-	3.1% (3.5%)	3.6% (2.6%)	3.5% (2.1%)	3.5% (2.1%)	23.8% (11.1%)	34.8% (4.3%)	20.5% (14.5%)	7.2% (7.0%)	100.0% (0.0%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	9.1% (0.0%)	9.1% (0.0%)	9.1% (0.0%)	9.1% (0.0%)	54.5% (0.0%)	9.1% (0.0%)	-	-	100.0% (0.0%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1.4% (0.7%)	2.1% (1.1%)	2.3% (0.9%)	2.6% (0.8%)	21.7% (3.3%)	42.5% (4.2%)	25.8% (4.0%)	1.6%* (2.5%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-216 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	98.6% (0.0%)	75.7% (34.2%)	81.4% (20.2%)	83.5% (18.4%)	85.0% (17.7%)	87.9% (15.4%)	91.0% (12.5%)	91.2% (13.4%)	49.0% (2.2%)	89.0% (14.4%)
Natural Gas	-	1.4% (0.0%)	24.2%* (34.2%)	18.6% (20.1%)	16.4% (18.4%)	15.0% (17.7%)	12.1%* (15.4%)	9.0%* (12.5%)	8.8%* (13.4%)	51.0% (2.2%)	11.0%* (14.4%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	0.1%* (0.2%)	0.1%* (0.1%)	0.1%* (0.1%)	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-217

EECBG BPA, Financial Incentive Program

EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	717,315* (954,551)	1,128,292 (1,149,568)	1,359,354 (1,381,133)	1,574,879 (1,576,921)	14,317,701 (14,338,694)	31,600,082 (32,901,026)	21,730,259 (20,210,876)	2,350,783* (2,974,580)	74,778,664 (68,906,381)
Commercial	-	1,950* (3,187)	6,014* (9,828)	6,012* (9,826)	5,953* (9,729)	5,953* (9,729)	35,720* (58,377)	33,142* (54,163)	-	-	94,744* (154,839)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	807,118* (1,239,554)	1,011,358 (929,473)	899,184 (831,769)	876,623 (832,370)	5,259,737 (4,994,223)	4,691,848 (4,100,349)	222,149 (233,442)	-	13,768,016 (12,756,978)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	1,950* (3,187)	1,530,446 (1,594,505)	2,145,662 (1,419,600)	2,264,492 (1,572,594)	2,457,455 (1,839,979)	19,613,158 (16,754,343)	36,325,071 (30,518,553)	21,952,408 (19,973,152)	2,350,783* (2,974,580)	88,641,425 (64,050,520)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

Table M-218 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	2,306,692*	3,457,086	4,100,719	4,769,486	43,319,551	94,083,108	60,912,744	3,707,591*	216,656,977
			(3,219,945)	(3,795,368)	(4,596,045)	(5,409,155)	(49,889,354)	(114,243,714)	(69,414,604)	(4,640,068)	(242,836,799)
Commercial	-	6,317*	17,112*	17,107*	16,911*	16,911*	101,464*	81,550*	-	-	257,372*
		(10,324)	(27,966)	(27,958)	(27,637)	(27,637)	(165,821)	(133,275)			(420,618)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	1,011,613*	1,615,596	1,438,068	1,391,379	8,348,275	7,152,204	594,564*	-	21,551,698
			(1,555,676)	(1,147,215)	(1,007,569)	(994,238)	(5,965,427)	(4,840,260)	(781,259)		(15,066,584)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	6,317*	3,335,417	5,089,789	5,555,697	6,177,776	51,769,290	101,316,861	61,507,308	3,707,591*	238,466,047
		(10,324)	(3,684,151)	(3,907,802)	(4,667,071)	(5,556,037)	(47,789,065)	(109,296,047)	(68,906,799)	(4,640,068)	(229,123,114)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-219 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2011-2050	-	-	717,315 [*] (954,551)	1,128,292 (1,149,568)	1,359,354 (1,381,133)	1,574,879 (1,576,921)	2,386,283 (2,389,782)	3,160,008 (3,290,103)	2,173,026 (2,021,088)	235,078 [*] (297,458)	1,869,467 (1,722,660)
Commercial	2010-2030	-	1,950 [*] (3,187)	6,014 [*] (9,828)	6,012 [*] (9,826)	5,953 [*] (9,729)	5,953 [*] (9,729)	5,953 [*] (9,729)	3,314 [*] (5,416)	-	-	4,512 [*] (7,373)
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2011-2036	-	-	807,118 [*] (1,239,554)	1,011,358 (929,473)	899,184 (831,769)	876,623 (832,370)	876,623 (832,370)	469,185 (410,035)	37,025 (38,907)	-	529,539 (490,653)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2050	-	1,950 [*] (3,187)	1,530,446 (1,594,505)	2,145,662 (1,419,600)	2,264,492 (1,572,594)	2,457,455 (1,839,979)	3,268,860 (2,792,391)	3,632,507 (3,051,855)	2,195,241 (1,997,315)	235,078 [*] (297,458)	2,161,986 (1,562,208)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-220 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2011-2050	-	-	2,306,692* (3,219,945)	3,457,086 (3,795,368)	4,100,719 (4,596,045)	4,769,486 (5,409,155)	7,219,925 (8,314,892)	9,408,311 (11,424,371)	6,091,274 (6,941,460)	370,759* (464,007)	5,416,424 (6,070,920)
Commercial	2010-2030	-	6,317* (10,324)	17,112* (27,966)	17,107* (27,958)	16,911* (27,637)	16,911* (27,637)	16,911* (27,637)	8,155* (13,327)	-	-	12,256* (20,029)
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2011-2036	-	-	1,011,613* (1,555,676)	1,615,596 (1,147,215)	1,438,068 (1,007,569)	1,391,379 (994,238)	1,391,379 (994,238)	715,220 (484,026)	99,094* (130,210)	-	828,911 (579,484)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2050	-	6,317* (10,324)	3,335,417 (3,684,151)	5,089,789 (3,907,802)	5,555,697 (4,667,071)	6,177,776 (5,556,037)	8,628,215 (7,964,844)	10,131,686 (10,929,605)	6,150,731 (6,890,680)	370,759* (464,007)	5,816,245 (5,588,369)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-221 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	1.1% (0.2%)	1.6% (0.5%)	1.9% (0.5%)	2.2% (0.5%)	20.0% (2.2%)	43.4% (3.5%)	28.1% (2.3%)	1.7%* (2.9%)	100.0% (0.0%)
Commercial	-	2.5% (0.0%)	6.6% (0.0%)	6.6% (0.0%)	6.6% (0.0%)	6.6% (0.0%)	39.4% (0.0%)	31.7% (0.0%)	-	-	100.0% (0.0%)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	4.7% (4.7%)	7.5% (1.1%)	6.7% (0.7%)	6.5% (0.4%)	38.7% (2.3%)	33.2% (1.2%)	2.8%* (4.5%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1.4% (0.7%)	2.1% (1.1%)	2.3% (0.9%)	2.6% (0.8%)	21.7% (3.3%)	42.5% (4.2%)	25.8% (4.0%)	1.6%* (2.5%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-222 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	69.2% (44.7%)	67.9% (29.1%)	73.8% (25.9%)	77.2% (24.4%)	83.7% (20.0%)	92.9% (10.1%)	99.0% (1.8%)	100.0% (0.0%)	90.9% (12.2%)
Commercial	-	100.0% (0.0%)	0.5%* (1.0%)	0.3%* (0.6%)	0.3%* (0.6%)	0.3%* (0.5%)	0.2%* (0.4%)	0.1%* (0.2%)	-	-	0.1%* (0.2%)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	30.3%* (44.5%)	31.7% (28.9%)	25.9% (25.7%)	22.5% (24.2%)	16.1% (19.8%)	7.1%* (10.0%)	1.0%* (1.8%)	-	9.0%* (12.1%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-223 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	17,685,497* (22,037,251)	20,218* (33,041)	-	912,337 (484,797)	-	18,618,052 (21,450,477)
Natural Gas, Units=KTherms	144,333 (135,216)	258* (421)	-	106,239 (122,972)	-	250,830 (180,396)
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	31,055* (47,842)	-	31,055* (47,842)
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	74,778,664 (68,906,381)	94,744* (154,839)	-	13,768,016 (12,756,978)	-	88,641,425 (64,050,520)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

Table M-224 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	201,545,342* (251,138,273)	230,402* (376,542)	-	10,397,068 (5,524,781)	-	212,172,812 (244,451,347)
Natural Gas	15,111,635 (14,157,088)	26,969* (44,076)	-	11,123,264 (12,875,140)	-	26,261,869 (18,887,425)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	31,366* (48,321)	-	31,366* (48,321)
Other	-	-	-	-	-	-
Total	216,656,977 (242,836,799)	257,372* (420,618)	-	21,551,698 (15,066,584)	-	238,466,047 (229,123,114)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-225 **EECBG BPA, Financial Incentive Program**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	442,137* (550,931)	963* (1,573)	-	35,090 (18,646)	-	454,099 (523,182)
Natural Gas, Units=KTherms	3,608 (3,380)	12* (20)	-	5,059 (5,856)	-	6,118 (4,400)
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	2,823* (4,349)	-	2,823* (4,349)
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	1,869,467 (1,722,660)	4,512* (7,373)	-	529,539 (490,653)	-	2,161,986 (1,562,208)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.
KTherms = 1,000 Therms.

Table M-226

EECBG BPA, Financial Incentive Program

EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	5,038,634* (6,278,457)	10,972* (17,931)	-	399,887 (212,492)	-	5,174,947 (5,962,228)
Natural Gas	377,791 (353,927)	1,284* (2,099)	-	529,679 (613,102)	-	640,533 (460,669)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	2,851* (4,393)	-	2,851* (4,393)
Other	-	-	-	-	-	-
Total	5,416,424 (6,070,920)	12,256* (20,029)	-	828,911 (579,484)	-	5,816,245 (5,588,369)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-227 EECBG BPA, Financial Incentive Program
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	95.0% (7.0%)	0.1%* (0.2%)	-	4.9%* (6.9%)	-	100.0% (0.0%)
Natural Gas	57.5% (36.8%)	0.1%* (0.2%)	-	42.4% (36.7%)	-	100.0% (0.0%)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Other	-	-	-	-	-	-
Total	90.9% (12.2%)	0.1%* (0.2%)	-	9.0%* (12.1%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-228

EECBG BPA, Financial Incentive Program

EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	93.0% (10.5%)	89.5% (0.0%)	-	48.2% (29.0%)	-	89.0% (14.4%)
Natural Gas	7.0%* (10.5%)	10.5% (0.0%)	-	51.6% (29.1%)	-	11.0%* (14.4%)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	0.1%* (0.2%)	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-229 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings by Fuel Type and Year, Total Estimates, in Thousand 2009 Dollars

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	\$49*	\$28,769*	\$44,996	\$50,909	\$57,983	\$506,304	\$1,055,599*	\$672,541*	\$23,128	\$2,440,278
Natural Gas	-	\$1*	\$7,338*	\$8,437	\$8,339	\$8,539	\$60,573	\$101,261	\$75,592	\$31,286*	\$301,366
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	\$58*	\$61*	\$64*	\$67*	\$441*	\$77*	-	-	\$769*
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$49*	\$36,165	\$53,495	\$59,312	\$66,589	\$567,317	\$1,156,938	\$748,133	\$54,414*	\$2,742,413

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-230 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings by Fuel Type and Year, Row Percent Estimates, in Thousand 2009 Dollars

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	1.2%	1.8%	2.1%	2.4%	20.7%	43.3%	27.6%	0.9%*	100.0%
Natural Gas	-	-	2.4%	2.8%	2.8%	2.8%	20.1%	33.6%	25.1%	10.4%	100.0%
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	7.6%	8.0%	8.4%	8.8%	57.3%	10.0%	-	-	100.0%
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1.3%	2.0%	2.2%	2.4%	20.7%	42.2%	27.3%	2.0%*	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-231 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings by Fuel Type and Year, Column Percent Estimates, in Thousand 2009 Dollars

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	98.5%	79.5%	84.1%	85.8%	87.1%	89.2%	91.2%	89.9%	42.5%	89.0%
Natural Gas	-	1.5%	20.3%*	15.8%	14.1%	12.8%	10.7%*	8.8%*	10.1%*	57.5%	11.0%*
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	0.2%*	0.1%*	0.1%*	0.1%*	0.1%*	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-232 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Original Site Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	\$89.24*	\$129.87*	\$123.81	\$125.06	\$125.84	\$126.82	\$130.50*	\$136.58*	\$145.18	\$131.07
Natural Gas, Units=KTherms	-	\$846.18*	\$950.83*	\$934.65	\$955.62	\$967.70	\$1,014.02	\$1,161.05	\$1,467.50	\$1,731.15*	\$1,201.48
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	\$20.67*	\$21.68*	\$22.75*	\$23.86*	\$26.01*	\$27.28*	-	-	\$24.76*
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	\$25.38*	\$23.63	\$24.93	\$26.19	\$27.10	\$28.93	\$31.85	\$34.08	\$23.15*	\$30.94

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-233

EECBG BPA, Financial Incentive Program

EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	\$7.83*	\$11.40*	\$10.86	\$10.97	\$11.04	\$11.13	\$11.45*	\$11.99*	\$12.74	\$11.50
Natural Gas	-	\$8.08*	\$9.08*	\$8.93	\$9.13	\$9.24	\$9.68	\$11.09	\$14.02	\$16.53*	\$11.48
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	\$20.47*	\$21.47*	\$22.52*	\$23.62*	\$25.76*	\$27.01*	-	-	\$24.51*
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$7.83*	\$10.84	\$10.51	\$10.68	\$10.78	\$10.96	\$11.42	\$12.16	\$14.68*	\$11.50

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-234 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings by Sector and Year, Total Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	\$26,791*	\$39,003	\$46,370	\$54,041	\$491,579	\$1,090,186	\$742,609	\$54,414*	\$2,544,992
Commercial	-	\$49*	\$128*	\$120*	\$118*	\$117*	\$694*	\$564*	-	-	\$1,791*
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	\$9,247*	\$14,372	\$12,825	\$12,430	\$75,044	\$66,188	\$5,524*	-	\$195,630
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$49*	\$36,165	\$53,495	\$59,312	\$66,589	\$567,317	\$1,156,938	\$748,133	\$54,414*	\$2,742,413

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-235 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings by Sector and Year, Row Percent Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	1.1%	1.5%	1.8%	2.1%	19.3%	42.8%	29.2%	2.1%*	100.0%
Commercial	-	2.8%	7.2%	6.7%	6.6%	6.6%	38.7%	31.5%	-	-	100.0%
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	4.7%	7.3%	6.6%	6.4%	38.4%	33.8%	2.8%*	-	100.0%
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1.3%	2.0%	2.2%	2.4%	20.7%	42.2%	27.3%	2.0%*	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-236 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings by Sector and Year, Column Percent Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	74.1%	72.9%	78.2%	81.2%	86.6%	94.2%	99.3%	100.0%	92.8%
Commercial	-	100.0%	0.4%*	0.2%*	0.2%*	0.2%*	0.1%*	-	-	-	0.1%*
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	25.6%*	26.9%	21.6%	18.7%	13.2%	5.7%*	0.7%*	-	7.1%*
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-237 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	\$37.35*	\$34.57	\$34.11	\$34.31	\$34.33	\$34.50	\$34.17	\$23.15*	\$34.03
Commercial	-	\$25.38*	\$21.33*	\$19.94*	\$19.82*	\$19.73*	\$19.43*	\$17.01*	-	-	\$18.90*
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	\$11.46*	\$14.21	\$14.26	\$14.18	\$14.27	\$14.11	\$24.86	-	\$14.21
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$25.38*	\$23.63	\$24.93	\$26.19	\$27.10	\$28.93	\$31.85	\$34.08	\$23.15*	\$30.94

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-238 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	\$11.61*	\$11.28	\$11.31	\$11.33	\$11.35	\$11.59	\$12.19	\$14.68*	\$11.75
Commercial	-	\$7.83*	\$7.50*	\$7.01*	\$6.98*	\$6.95*	\$6.84*	\$6.91*	-	-	\$6.96*
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	\$9.14*	\$8.90	\$8.92	\$8.93	\$8.99	\$9.25	\$9.29*	-	\$9.08
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$7.83*	\$10.84	\$10.51	\$10.68	\$10.78	\$10.96	\$11.42	\$12.16	\$14.68*	\$11.50

Note:
Standard errors estimates are not reported.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-239 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings by Fuel Type and Sector, Total Estimates, in Thousand 2009 Dollars

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	\$2,345,455*	\$1,587*	-	\$93,237	-	\$2,440,278
Natural Gas	\$199,537	\$204*	-	\$101,625	-	\$301,366
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	\$769*	-	\$769*
Other	-	-	-	-	-	-
Total	\$2,544,992	\$1,791*	-	\$195,630	-	\$2,742,413

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-240 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings by Fuel Type and Sector, Row Percent Estimates, in Thousand 2009 Dollars

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	96.1%	0.1%*	-	3.8%*	-	100.0%
Natural Gas	66.2%	0.1%*	-	33.7%	-	100.0%
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	100.0%	-	100.0%
Other	-	-	-	-	-	-
Total	92.8%	0.1%*	-	7.1%*	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-241 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings by Fuel Type and Sector, Column Percent Estimates, in Thousand 2009 Dollars

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	92.2%	88.6%	-	47.7%	-	89.0%
Natural Gas	7.8%*	11.4%	-	51.9%	-	11.0%*
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	0.4%*	-	-
Other	-	-	-	-	-	-
Total	100.0%	100.0%	-	100.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-242 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	\$132.62*	\$78.47*	-	\$102.20	-	\$131.07
Natural Gas, Units=KTherms	\$1,382.48	\$792.94*	-	\$956.56	-	\$1,201.48
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	\$24.76*	-	\$24.76*
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	\$34.03	\$18.90*	-	\$14.21	-	\$30.94

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-243 EECBG BPA, Financial Incentive Program
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	\$11.64*	\$6.89*	-	\$8.97	-	\$11.50
Natural Gas	\$13.20	\$7.57*	-	\$9.14	-	\$11.48
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	\$24.51*	-	\$24.51*
Other	-	-	-	-	-	-
Total	\$11.75	\$6.96*	-	\$9.08	-	\$11.50

Note:
Standard errors estimates are not reported.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

**Table M-244 EECBG BPA, Energy Efficiency Retrofits
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2,492 (2,692)	81,518 (65,101)	222,785 (90,068)	450,841 (132,322)	448,798 (132,445)	447,581 (132,316)	2,424,812 (708,977)	1,906,627 (639,017)	89,515 (39,199)	-	6,074,968 (1,770,021)
Natural Gas, Units=KTherms	-	2,265 (2,558)	2,719 (2,506)	4,524 (2,286)	4,453 (2,258)	4,453 (2,258)	25,727 (13,521)	28,533 (16,686)	1,416 (996)	-	74,090 (36,916)
Oil, Units=KTherms	-	14* (22)	180* (272)	279 (316)	279 (316)	279 (316)	1,675 (1,898)	898 (1,031)	55* (89)	-	3,658 (3,882)
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	122,144* (199,008)	101,787* (165,840)	-	-	305,360* (497,519)
Diesel, Units=Site MMBtu	-	-	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	2,810,271* (4,198,769)	4,683,785* (6,997,949)	-	-	9,367,571* (13,995,898)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	8,501 (9,186)	506,019 (368,936)	1,538,811 (810,158)	2,507,391 (861,407)	2,493,271 (861,429)	2,489,118 (861,125)	13,946,437 (5,035,976)	14,234,319 (7,556,078)	452,518 (191,413)	-	38,176,385 (15,716,945)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-245 EECBG BPA, Energy Efficiency Retrofits
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	28,393 (30,681)	928,986 (741,897)	2,538,873 (1,026,418)	5,137,826 (1,507,954)	5,114,535 (1,509,357)	5,100,665 (1,507,882)	27,633,353 (8,079,553)	21,728,076 (7,282,293)	1,020,118 (446,714)	-	69,230,824 (20,171,298)
Natural Gas	-	237,150 (267,787)	284,680 (262,384)	473,669 (239,331)	466,186 (236,400)	466,186 (236,400)	2,693,651 (1,415,694)	2,987,415 (1,746,978)	148,282 (104,233)	-	7,757,219 (3,865,075)
Oil	-	1,378* (2,247)	18,182* (27,471)	28,194 (31,949)	28,194 (31,949)	28,194 (31,949)	169,166 (191,697)	90,656 (104,092)	5,511* (8,989)	-	369,475 (392,090)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	122,144* (199,008)	101,787* (165,840)	-	-	305,360* (497,519)
Diesel	-	-	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	2,838,374* (4,240,757)	4,730,623* (7,067,929)	-	-	9,461,247* (14,135,857)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	28,393 (30,681)	1,167,513 (833,895)	3,335,154 (1,287,256)	6,133,108 (1,677,781)	6,102,335 (1,679,595)	6,088,465 (1,678,140)	33,456,688 (9,238,451)	29,638,556 (10,417,006)	1,173,910 (490,990)	-	87,124,124 (25,034,313)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-246 EECBG BPA, Energy Efficiency Retrofits
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2009-2040	2,492 (2,692)	81,518 (65,101)	222,785 (90,068)	450,841 (132,322)	448,798 (132,445)	447,581 (132,316)	404,135 (118,163)	190,663 (63,902)	8,951 (3,920)	-	189,843 (55,313)
Natural Gas, Units=KTherms	2010-2036	-	2,265 (2,558)	2,719 (2,506)	4,524 (2,286)	4,453 (2,258)	4,453 (2,258)	4,288 (2,254)	2,853 (1,669)	236 (166)	-	2,744 (1,367)
Oil, Units=KTherms	2010-2034	-	14 [*] (22)	180 [*] (272)	279 (316)	279 (316)	279 (316)	279 (316)	90 (103)	14 [*] (22)	-	146 (155)
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	2011-2025	-	-	20,357 [*] (33,168)	20,357 [*] (33,168)	20,357 [*] (33,168)	20,357 [*] (33,168)	20,357 [*] (33,168)	20,357 [*] (33,168)	-	-	20,357 [*] (33,168)
Diesel, Units=Site MMBtu	2011-2030	-	-	468,379 [*] (699,795)	468,379 [*] (699,795)	468,379 [*] (699,795)	468,379 [*] (699,795)	468,379 [*] (699,795)	468,379 [*] (699,795)	-	-	468,379 [*] (699,795)
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2009-2040	8,501 (9,186)	506,019 (368,936)	1,538,811 (810,158)	2,507,391 (861,407)	2,493,271 (861,429)	2,489,118 (861,125)	2,324,406 (839,329)	1,423,432 (755,608)	45,252 (19,141)	-	1,193,012 (491,155)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-247 EECBG BPA, Energy Efficiency Retrofits
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2009-2040	28,393 (30,681)	928,986 (741,897)	2,538,873 (1,026,418)	5,137,826 (1,507,954)	5,114,535 (1,509,357)	5,100,665 (1,507,882)	4,605,559 (1,346,592)	2,172,808 (728,229)	102,012 (44,671)	-	2,163,463 (630,353)
Natural Gas	2010-2036	-	237,150 (267,787)	284,680 (262,384)	473,669 (239,331)	466,186 (236,400)	466,186 (236,400)	448,942 (235,949)	298,741 (174,698)	24,714 (17,372)	-	287,304 (143,151)
Oil	2010-2034	-	1,378 [*] (2,247)	18,182 [*] (27,471)	28,194 (31,949)	28,194 (31,949)	28,194 (31,949)	28,194 (31,949)	9,066 (10,409)	1,378 [*] (2,247)	-	14,779 (15,684)
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	2011-2025	-	-	20,357 [*] (33,168)	20,357 [*] (33,168)	20,357 [*] (33,168)	20,357 [*] (33,168)	20,357 [*] (33,168)	20,357 [*] (33,168)	-	-	20,357 [*] (33,168)
Diesel	2011-2030	-	-	473,062 [*] (706,793)	473,062 [*] (706,793)	473,062 [*] (706,793)	473,062 [*] (706,793)	473,062 [*] (706,793)	473,062 [*] (706,793)	-	-	473,062 [*] (706,793)
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2040	28,393 (30,681)	1,167,513 (833,895)	3,335,154 (1,287,256)	6,133,108 (1,677,781)	6,102,335 (1,679,595)	6,088,465 (1,678,140)	5,576,115 (1,539,742)	2,963,856 (1,041,701)	117,391 (49,099)	-	2,722,629 (782,322)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-248 EECBG BPA, Energy Efficiency Retrofits
Overall Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	1.3% (0.9%)	3.7% (1.1%)	7.4% (0.7%)	7.4% (0.7%)	7.4% (0.7%)	39.9% (2.3%)	31.4% (4.5%)	1.5% (0.5%)	-	100.0% (0.0%)
Natural Gas	-	3.1% (3.4%)	3.7% (3.3%)	6.1% (0.8%)	6.0% (0.8%)	6.0% (0.8%)	34.7% (4.7%)	38.5% (9.3%)	1.9% (1.0%)	-	100.0% (0.0%)
Oil	-	0.4%* (0.7%)	4.9% (4.7%)	7.6% (1.5%)	7.6% (1.5%)	7.6% (1.5%)	45.8% (8.8%)	24.5% (16.4%)	1.5%* (2.7%)	-	100.0% (0.0%)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	6.7% (0.0%)	6.7% (0.0%)	6.7% (0.0%)	6.7% (0.0%)	40.0% (0.0%)	33.3% (0.0%)	-	-	100.0% (0.0%)
Diesel	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	-	-	100.0% (0.0%)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	1.3% (0.9%)	3.8% (1.0%)	7.0% (0.7%)	7.0% (0.7%)	7.0% (0.6%)	38.4% (2.3%)	34.0% (4.5%)	1.3% (0.5%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-249 EECBG BPA, Energy Efficiency Retrofits
Overall Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	100.0% (0.0%)	79.6% (20.4%)	76.1% (18.5%)	83.8% (11.0%)	83.8% (11.0%)	83.8% (11.0%)	82.6% (11.8%)	73.3% (19.0%)	86.9% (7.7%)	-	79.5% (14.1%)
Natural Gas	-	20.3% (20.3%)	8.5% (7.7%)	7.7% (4.2%)	7.6% (4.1%)	7.7% (4.1%)	8.1% (4.4%)	10.1% (6.1%)	12.6% (7.8%)	-	8.9% (4.7%)
Oil	-	0.1%* (0.2%)	0.5%* (0.8%)	0.5% (0.5%)	0.5% (0.5%)	0.5% (0.5%)	0.5% (0.6%)	0.3% (0.4%)	0.5%* (0.8%)	-	0.4% (0.5%)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	0.6%* (1.0%)	0.3%* (0.5%)	0.3%* (0.6%)	0.3%* (0.6%)	0.4%* (0.6%)	0.3%* (0.6%)	-	-	0.4%* (0.6%)
Diesel	-	-	14.2%* (18.8%)	7.7%* (10.8%)	7.8%* (10.9%)	7.8%* (10.9%)	8.5%* (11.8%)	16.0%* (20.5%)	-	-	10.9%* (14.7%)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-250 EECBG BPA, Energy Efficiency Retrofits
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	1,348* (2,196)	1,602* (2,235)	2,937 (2,377)	2,937 (2,377)	2,937 (2,377)	17,624 (14,260)	20,014 (11,774)	2,302 (1,351)	-	51,704 (36,853)
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	4,600* (7,494)	5,468* (7,626)	10,023 (8,110)	10,023 (8,110)	10,023 (8,110)	60,137 (48,657)	68,292 (40,174)	7,856 (4,610)	-	176,421 (125,746)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

**Table M-251 EECBG BPA, Energy Efficiency Retrofits
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	4,599* (7,494)	5,467* (7,626)	10,022 (8,109)	10,022 (8,109)	10,022 (8,109)	60,135 (48,655)	68,289 (40,172)	7,856 (4,610)	-	176,413 (125,741)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	4,599* (7,494)	5,467* (7,626)	10,022 (8,109)	10,022 (8,109)	10,022 (8,109)	60,135 (48,655)	68,289 (40,172)	7,856 (4,610)	-	176,413 (125,741)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-252 EECBG BPA, Energy Efficiency Retrofits
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	2010-2036	-	1,348* (2,196)	1,602* (2,235)	2,937 (2,377)	2,937 (2,377)	2,937 (2,377)	2,937 (2,377)	2,001 (1,177)	384 (225)	-	1,915 (1,365)
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2010-2036	-	4,600* (7,494)	5,468* (7,626)	10,023 (8,110)	10,023 (8,110)	10,023 (8,110)	10,023 (8,110)	6,829 (4,017)	1,309 (768)	-	6,534 (4,657)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-253 EECBG BPA, Energy Efficiency Retrofits
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	2010-2036	-	4,599* (7,494)	5,467* (7,626)	10,022 (8,109)	10,022 (8,109)	10,022 (8,109)	10,022 (8,109)	6,829 (4,017)	1,309 (768)	-	6,534 (4,657)
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	4,599* (7,494)	5,467* (7,626)	10,022 (8,109)	10,022 (8,109)	10,022 (8,109)	10,022 (8,109)	6,829 (4,017)	1,309 (768)	-	6,534 (4,657)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-254 EECBG BPA, Energy Efficiency Retrofits
Overall Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	2.6% (2.7%)	3.1% (2.4%)	5.7% (0.7%)	5.7% (0.7%)	5.7% (0.7%)	34.1% (4.0%)	38.7% (8.4%)	4.5% (3.9%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	2.6% (2.7%)	3.1% (2.4%)	5.7% (0.7%)	5.7% (0.7%)	5.7% (0.7%)	34.1% (4.0%)	38.7% (8.4%)	4.5% (3.9%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-255 EECBG BPA, Energy Efficiency Retrofits
Overall Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-256 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2,492 (2,692)	80,198 (64,771)	199,292 (84,873)	424,781 (129,317)	401,077 (126,793)	366,806 (118,516)	1,928,986 (623,320)	1,431,580 (463,320)	44,569 (21,185)	-	4,879,780 (1,499,518)
Natural Gas, Units=KTherms	-	2,081 (2,304)	2,527 (2,263)	3,663 (1,887)	3,336 (1,803)	3,154 (1,749)	17,851 (10,438)	16,849 (10,113)	1,074 (751)	-	50,534 (25,715)
Oil, Units=KTherms	-	14* (22)	180* (272)	180* (272)	180* (272)	180* (272)	1,080* (1,632)	303 (351)	55* (89)	-	2,171* (3,033)
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	122,144* (199,008)	101,787* (165,840)	-	-	305,360* (497,519)
Diesel, Units=Site MMBtu	-	-	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	2,810,271* (4,198,769)	4,683,785* (6,997,949)	-	-	9,367,571* (13,995,898)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	8,501 (9,186)	483,096 (344,031)	1,439,495 (798,213)	2,322,424 (852,929)	2,208,893 (848,300)	2,073,704 (832,788)	11,407,454 (4,855,795)	11,385,501 (7,269,088)	264,892 (130,847)	-	31,593,960 (15,187,168)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-257 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	28,393 (30,681)	913,943 (738,140)	2,271,149 (967,225)	4,840,836 (1,473,710)	4,570,703 (1,444,943)	4,180,154 (1,350,619)	21,982,879 (7,103,406)	16,314,403 (5,280,037)	507,907 (241,429)	-	55,610,368 (17,088,626)
Natural Gas	-	217,866 (241,228)	264,624 (236,984)	383,489 (197,581)	349,306 (188,776)	330,194 (183,112)	1,868,956 (1,092,840)	1,764,089 (1,058,851)	112,408 (78,634)	-	5,290,932 (2,692,333)
Oil	-	1,378* (2,247)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	109,090* (164,824)	30,581 (35,420)	5,511* (8,989)	-	219,286* (306,360)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	122,144* (199,008)	101,787* (165,840)	-	-	305,360* (497,519)
Diesel	-	-	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	2,838,374* (4,240,757)	4,730,623* (7,067,929)	-	-	9,461,247* (14,135,857)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	28,393 (30,681)	1,133,186 (811,836)	3,047,375 (1,239,595)	5,735,927 (1,655,171)	5,431,610 (1,631,110)	5,021,949 (1,546,902)	26,921,443 (8,418,528)	22,941,482 (8,985,397)	625,826 (293,411)	-	70,887,192 (22,543,977)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-258 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2009-2040	2,492 (2,692)	80,198 (64,771)	199,292 (84,873)	424,781 (129,317)	401,077 (126,793)	366,806 (118,516)	321,498 (103,887)	143,158 (46,332)	4,457 (2,119)	-	152,493 (46,860)
Natural Gas, Units=KTherms	2010-2036	-	2,081 (2,304)	2,527 (2,263)	3,663 (1,887)	3,336 (1,803)	3,154 (1,749)	2,975 (1,740)	1,685 (1,011)	179 (125)	-	1,872 (952)
Oil, Units=KTherms	2010-2034	-	14 [*] (22)	180 [*] (272)	180 [*] (272)	180 [*] (272)	180 [*] (272)	180 [*] (272)	30 (35)	14 [*] (22)	-	87 [*] (121)
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	2011-2025	-	-	20,357 [*] (33,168)	20,357 [*] (33,168)	20,357 [*] (33,168)	20,357 [*] (33,168)	20,357 [*] (33,168)	20,357 [*] (33,168)	-	-	20,357 [*] (33,168)
Diesel, Units=Site MMBtu	2011-2030	-	-	468,379 [*] (699,795)	468,379 [*] (699,795)	468,379 [*] (699,795)	468,379 [*] (699,795)	468,379 [*] (699,795)	468,379 [*] (699,795)	-	-	468,379 [*] (699,795)
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2009-2040	8,501 (9,186)	483,096 (344,031)	1,439,495 (798,213)	2,322,424 (852,929)	2,208,893 (848,300)	2,073,704 (832,788)	1,901,242 (809,299)	1,138,550 (726,909)	26,489 (13,085)	-	987,311 (474,599)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-259 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2009-2040	28,393 (30,681)	913,943 (738,140)	2,271,149 (967,225)	4,840,836 (1,473,710)	4,570,703 (1,444,943)	4,180,154 (1,350,619)	3,663,813 (1,183,901)	1,631,440 (528,004)	50,791 (24,143)	-	1,737,824 (534,020)
Natural Gas	2010-2036	-	217,866 (241,228)	264,624 (236,984)	383,489 (197,581)	349,306 (188,776)	330,194 (183,112)	311,493 (182,140)	176,409 (105,885)	18,735 (13,106)	-	195,960 (99,716)
Oil	2010-2034	-	1,378* (2,247)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	3,058 (3,542)	1,378* (2,247)	-	8,771* (12,254)
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	2011-2025	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	-	-	20,357* (33,168)
Diesel	2011-2030	-	-	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	-	-	473,062* (706,793)
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2040	28,393 (30,681)	1,133,186 (811,836)	3,047,375 (1,239,595)	5,735,927 (1,655,171)	5,431,610 (1,631,110)	5,021,949 (1,546,902)	4,486,907 (1,403,088)	2,294,148 (898,540)	62,583 (29,341)	-	2,215,225 (704,499)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-260 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	0.1% (0.1%)	1.6% (1.0%)	4.1% (1.1%)	8.7% (1.1%)	8.2% (0.9%)	7.5% (0.8%)	39.5% (2.3%)	29.3% (4.1%)	0.9% (0.4%)	-	100.0% (0.0%)
Natural Gas	-	4.1% (4.2%)	5.0% (4.0%)	7.2% (1.3%)	6.6% (1.0%)	6.2% (1.1%)	35.3% (6.5%)	33.3% (11.6%)	2.1% (1.1%)	-	100.0% (0.0%)
Oil	-	0.6%* (1.2%)	8.3% (1.6%)	8.3% (1.6%)	8.3% (1.6%)	8.3% (1.6%)	49.7% (9.3%)	13.9% (9.4%)	2.5%* (4.9%)	-	100.0% (0.0%)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	6.7% (0.0%)	6.7% (0.0%)	6.7% (0.0%)	6.7% (0.0%)	40.0% (0.0%)	33.3% (0.0%)	-	-	100.0% (0.0%)
Diesel	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	-	-	100.0% (0.0%)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	1.6% (1.0%)	4.3% (1.0%)	8.1% (1.0%)	7.7% (0.9%)	7.1% (0.8%)	38.0% (2.5%)	32.4% (5.0%)	0.9% (0.4%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-261 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	100.0% (0.0%)	80.7% (19.7%)	74.5% (19.7%)	84.4% (11.5%)	84.2% (12.0%)	83.2% (12.8%)	81.7% (14.0%)	71.1% (22.9%)	81.2% (8.6%)	-	78.4% (16.6%)
Natural Gas	-	19.2% (19.6%)	8.7% (7.6%)	6.7% (3.6%)	6.4% (3.7%)	6.6% (3.8%)	6.9% (4.2%)	7.7% (4.9%)	18.0% (9.0%)	-	7.5% (4.0%)
Oil	-	0.1%* (0.2%)	0.6%* (0.9%)	0.3%* (0.5%)	0.3%* (0.5%)	0.4%* (0.6%)	0.4%* (0.6%)	0.1% (0.2%)	0.9%* (1.4%)	-	0.3%* (0.4%)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	0.7%* (1.1%)	0.4%* (0.6%)	0.4%* (0.6%)	0.4%* (0.7%)	0.5%* (0.7%)	0.4%* (0.7%)	-	-	0.4%* (0.7%)
Diesel	-	-	15.5%* (20.3%)	8.2%* (11.5%)	8.7%* (12.1%)	9.4%* (13.0%)	10.5%* (14.4%)	20.6% (25.0%)	-	-	13.3%* (17.6%)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-262 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	3,163 [*] (5,160)	83,787 [*] (136,671)	104,689 [*] (140,641)	211,353 (202,077)	203,895 (194,277)	183,366 (179,008)	1,100,196 (1,074,047)	914,268 (1,120,762)	96,912 (115,897)	-	2,901,629 (2,831,217)
Commercial	-	858 [*] (1,398)	858 [*] (1,398)	50,330 (51,235)	50,330 (51,235)	50,330 (51,235)	216,333 (242,775)	115,614 [*] (162,697)	-	-	484,653 (527,698)
Industrial	-	-	-	478 [*] (780)	478 [*] (780)	478 [*] (780)	2,868 [*] (4,679)	4,781 [*] (7,798)	478 [*] (780)	-	9,561 [*] (15,596)
Public Institutional	5,338 [*] (7,600)	398,451 (315,716)	1,333,948 (785,969)	2,060,263 (833,684)	1,954,190 (829,753)	1,839,529 (816,113)	10,088,057 (4,753,570)	10,350,838 (7,202,261)	167,502 (80,233)	-	28,198,117 (14,974,377)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	8,501 (9,186)	483,096 (344,031)	1,439,495 (798,213)	2,322,424 (852,929)	2,208,893 (848,300)	2,073,704 (832,788)	11,407,454 (4,855,795)	11,385,501 (7,269,088)	264,892 (130,847)	-	31,593,960 (15,187,168)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

Table M-263 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	10,565* (17,234)	95,781* (156,235)	117,178* (159,726)	323,130 (320,822)	308,833 (302,598)	269,154 (265,686)	1,614,922 (1,594,114)	1,712,005* (2,136,338)	205,677 (232,469)	-	4,657,245 (4,827,370)
Commercial	-	2,866* (4,670)	2,866* (4,670)	110,911 (110,499)	110,911 (110,499)	110,911 (110,499)	397,951 (439,349)	192,907* (268,082)	-	-	929,323 (965,802)
Industrial	-	-	-	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	9,580* (15,627)	15,967* (26,045)	1,597* (2,604)	-	31,934* (52,089)
Public Institutional	17,828* (25,383)	1,034,539 (796,647)	2,927,331 (1,229,696)	5,300,290 (1,635,754)	5,010,269 (1,612,340)	4,640,288 (1,531,006)	24,898,990 (8,315,379)	21,020,604 (8,785,418)	418,552 (206,641)	-	65,268,690 (22,170,128)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	28,393 (30,681)	1,133,186 (811,836)	3,047,375 (1,239,595)	5,735,927 (1,655,171)	5,431,610 (1,631,110)	5,021,949 (1,546,902)	26,921,443 (8,418,528)	22,941,482 (8,985,397)	625,826 (293,411)	-	70,887,192 (22,543,977)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-264 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2009-2036	3,163* (5,160)	83,787* (136,671)	104,689* (140,641)	211,353 (202,077)	203,895 (194,277)	183,366 (179,008)	183,366 (179,008)	91,427 (112,076)	16,152 (19,316)	-	103,630 (101,115)
Commercial	2010-2027	-	858* (1,398)	858* (1,398)	50,330 (51,235)	50,330 (51,235)	50,330 (51,235)	36,055 (40,462)	16,516* (23,242)	-	-	26,925 (29,317)
Industrial	2012-2031	-	-	-	478* (780)	478* (780)	478* (780)	478* (780)	478* (780)	478* (780)	-	478* (780)
Public Institutional	2009-2040	5,338* (7,600)	398,451 (315,716)	1,333,948 (785,969)	2,060,263 (833,684)	1,954,190 (829,753)	1,839,529 (816,113)	1,681,343 (792,262)	1,035,084 (720,226)	16,750 (8,023)	-	881,191 (467,949)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2040	8,501 (9,186)	483,096 (344,031)	1,439,495 (798,213)	2,322,424 (852,929)	2,208,893 (848,300)	2,073,704 (832,788)	1,901,242 (809,299)	1,138,550 (726,909)	26,489 (13,085)	-	987,311 (474,599)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-265 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2009-2036	10,565* (17,234)	95,781* (156,235)	117,178* (159,726)	323,130 (320,822)	308,833 (302,598)	269,154 (265,686)	269,154 (265,686)	171,200* (213,634)	34,280 (38,745)	-	166,330 (172,406)
Commercial	2010-2027	-	2,866* (4,670)	2,866* (4,670)	110,911 (110,499)	110,911 (110,499)	110,911 (110,499)	66,325 (73,225)	27,558* (38,297)	-	-	51,629 (53,656)
Industrial	2012-2031	-	-	-	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	-	1,597* (2,604)
Public Institutional	2009-2040	17,828* (25,383)	1,034,539 (796,647)	2,927,331 (1,229,696)	5,300,290 (1,635,754)	5,010,269 (1,612,340)	4,640,288 (1,531,006)	4,149,832 (1,385,896)	2,102,060 (878,542)	41,855 (20,664)	-	2,039,647 (692,817)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2040	28,393 (30,681)	1,133,186 (811,836)	3,047,375 (1,239,595)	5,735,927 (1,655,171)	5,431,610 (1,631,110)	5,021,949 (1,546,902)	4,486,907 (1,403,088)	2,294,148 (898,540)	62,583 (29,341)	-	2,215,225 (704,499)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-266

EECBG BPA, Energy Efficiency Retrofits

EECBG-Attributable Energy Savings by Sector and Year, Row Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	0.2% [*] (0.3%)	2.1% [*] (3.1%)	2.5% [*] (3.3%)	6.9% (0.7%)	6.6% (0.9%)	5.8% (1.2%)	34.7% (7.2%)	36.8% (16.3%)	4.4% (0.7%)	-	100.0% (0.0%)
Commercial	-	0.3% (0.4%)	0.3% (0.4%)	11.9% (4.9%)	11.9% (4.9%)	11.9% (4.9%)	42.8% (8.0%)	20.8% (16.6%)	-	-	100.0% (0.0%)
Industrial	-	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	5.0% (0.0%)	-	100.0% (0.0%)
Public Institutional	-	1.6% (1.1%)	4.5% (1.0%)	8.1% (1.1%)	7.7% (1.0%)	7.1% (0.8%)	38.1% (2.7%)	32.2% (5.3%)	0.6% (0.3%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	1.6% (1.0%)	4.3% (1.0%)	8.1% (1.0%)	7.7% (0.9%)	7.1% (0.8%)	38.0% (2.5%)	32.4% (5.0%)	0.9% (0.4%)	-	100.0% (0.0%)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-267 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Sector and Year, Column Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	37.2% [*] (50.6%)	8.5% [*] (14.0%)	3.8% [*] (5.3%)	5.6% (5.6%)	5.7% (5.6%)	5.4% (5.3%)	6.0% (5.9%)	7.5% (9.1%)	32.9% (28.3%)	-	6.6% (6.7%)
Commercial	-	0.3% [*] (0.4%)	0.1% [*] (0.2%)	1.9% (2.0%)	2.0% (2.1%)	2.2% (2.3%)	1.5% (1.7%)	0.8% [*] (1.2%)	-	-	1.3% (1.4%)
Industrial	-	-	-	-	-	-	-	0.1% [*] (0.1%)	0.3% [*] (0.4%)	-	-
Public Institutional	62.8% (50.6%)	91.3% (14.0%)	96.1% (5.3%)	92.4% (6.0%)	92.2% (6.0%)	92.4% (5.8%)	92.5% (6.2%)	91.6% (9.3%)	66.9% (28.2%)	-	92.1% (6.9%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-268 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	208,965 (256,272)	53,926 (53,987)	2,802* (4,571)	4,614,087 (1,485,721)	-	4,879,780 (1,499,518)
Natural Gas, Units=KTherms	18,492 (19,966)	3,007 (3,540)	-	29,036 (17,517)	-	50,534 (25,715)
Oil, Units=KTherms	341* (556)	-	-	1,830* (2,982)	-	2,171* (3,033)
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	305,360* (497,519)	-	-	-	-	305,360* (497,519)
Diesel, Units=Site MMBtu	-	-	-	9,367,571* (13,995,898)	-	9,367,571* (13,995,898)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	2,901,629 (2,831,217)	484,653 (527,698)	9,561* (15,596)	28,198,117 (14,974,377)	-	31,593,960 (15,187,168)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

**Table M-269 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	2,381,383 (2,920,498)	614,541 (615,244)	31,934* (52,089)	52,582,510 (16,931,394)	-	55,610,368 (17,088,626)
Natural Gas	1,936,061 (2,090,460)	314,782 (370,639)	-	3,040,089 (1,833,987)	-	5,290,932 (2,692,333)
Oil	34,442* (56,180)	-	-	184,844* (301,165)	-	219,286* (306,360)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	305,360* (497,519)	-	-	-	-	305,360* (497,519)
Diesel	-	-	-	9,461,247* (14,135,857)	-	9,461,247* (14,135,857)
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	4,657,245 (4,827,370)	929,323 (965,802)	31,934* (52,089)	65,268,690 (22,170,128)	-	70,887,192 (22,543,977)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-270 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	7,463 (9,153)	2,996 (2,999)	140* (229)	144,190 (46,429)	-	152,493 (46,860)
Natural Gas, Units=KTherms	841 (908)	177 (208)	-	1,075 (649)	-	1,872 (952)
Oil, Units=KTherms	14* (22)	-	-	166* (271)	-	87* (121)
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	20,357* (33,168)	-	-	-	-	20,357* (33,168)
Diesel, Units=Site MMBtu	-	-	-	468,379* (699,795)	-	468,379* (699,795)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	103,630 (101,115)	26,925 (29,317)	478* (780)	881,191 (467,949)	-	987,311 (474,599)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-271 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	85,049 (104,303)	34,141 (34,180)	1,597 [*] (2,604)	1,643,203 (529,106)	-	1,737,824 (534,020)
Natural Gas	88,003 (95,021)	18,517 (21,802)	-	112,596 (67,925)	-	195,960 (99,716)
Oil	1,378 [*] (2,247)	-	-	16,804 [*] (27,379)	-	8,771 [*] (12,254)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	20,357 [*] (33,168)	-	-	-	-	20,357 [*] (33,168)
Diesel	-	-	-	473,062 [*] (706,793)	-	473,062 [*] (706,793)
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	166,330 (172,406)	51,629 (53,656)	1,597 [*] (2,604)	2,039,647 (692,817)	-	2,215,225 (704,499)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-272 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	4.3% (5.2%)	1.1% (1.2%)	0.1%* (0.1%)	94.6% (5.4%)	-	100.0% (0.0%)
Natural Gas	36.6% (29.0%)	5.9% (7.3%)	-	57.5% (28.3%)	-	100.0% (0.0%)
Oil	15.7%* (30.5%)	-	-	84.3% (30.5%)	-	100.0% (0.0%)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	100.0% (0.0%)	-	-	-	-	100.0% (0.0%)
Diesel	-	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	6.6% (6.7%)	1.3% (1.4%)	-	92.1% (6.9%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-273 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	51.1% (19.1%)	66.1% (10.8%)	100.0% (0.0%)	80.6% (18.2%)	-	78.4% (16.6%)
Natural Gas	41.6% (16.2%)	33.9% (10.8%)	-	4.7% (3.0%)	-	7.5% (4.0%)
Oil	0.7%* (1.1%)	-	-	0.3%* (0.5%)	-	0.3%* (0.4%)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	6.6%* (12.1%)	-	-	-	-	0.4%* (0.7%)
Diesel	-	-	-	14.5%* (18.9%)	-	13.3%* (17.6%)
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-274 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	1,348* (2,196)	1,602* (2,235)	2,937 (2,377)	2,851 (2,358)	2,675 (2,326)	15,778 (13,988)	16,936 (10,831)	1,768 (1,035)	-	45,895 (35,831)
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	4,600* (7,494)	5,468* (7,626)	10,023 (8,110)	9,727 (8,047)	9,127 (7,938)	53,836 (47,730)	57,787 (36,956)	6,034 (3,533)	-	156,601 (122,262)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-275 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	4,599* (7,494)	5,467* (7,626)	10,022 (8,109)	9,727 (8,046)	9,127 (7,938)	53,834 (47,728)	57,785 (36,954)	6,033 (3,532)	-	156,594 (122,257)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	4,599* (7,494)	5,467* (7,626)	10,022 (8,109)	9,727 (8,046)	9,127 (7,938)	53,834 (47,728)	57,785 (36,954)	6,033 (3,532)	-	156,594 (122,257)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-276 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	2010-2036	-	1,348* (2,196)	1,602* (2,235)	2,937 (2,377)	2,851 (2,358)	2,675 (2,326)	2,630 (2,331)	1,694 (1,083)	295 (173)	-	1,700 (1,327)
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2010-2036	-	4,600* (7,494)	5,468* (7,626)	10,023 (8,110)	9,727 (8,047)	9,127 (7,938)	8,973 (7,955)	5,779 (3,696)	1,006 (589)	-	5,800 (4,528)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-277 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	2010-2036	-	4,599* (7,494)	5,467* (7,626)	10,022 (8,109)	9,727 (8,046)	9,127 (7,938)	8,972 (7,955)	5,779 (3,695)	1,006 (589)	-	5,800 (4,528)
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	4,599* (7,494)	5,467* (7,626)	10,022 (8,109)	9,727 (8,046)	9,127 (7,938)	8,972 (7,955)	5,779 (3,695)	1,006 (589)	-	5,800 (4,528)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-278

**EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	2.9% (2.8%)	3.5% (2.4%)	6.4% (0.2%)	6.2% (0.3%)	5.8% (0.6%)	34.4% (4.2%)	36.9% (7.9%)	3.9% (3.6%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	2.9% (2.8%)	3.5% (2.4%)	6.4% (0.2%)	6.2% (0.3%)	5.8% (0.6%)	34.4% (4.2%)	36.9% (7.9%)	3.9% (3.6%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-279 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-280 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	608* (909)	561* (839)	466* (696)	2,796* (4,178)	4,660* (6,963)	466* (696)	-	9,559* (14,281)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	4,600* (7,494)	5,468* (7,626)	9,415 (8,274)	9,166 (8,190)	8,661 (8,043)	51,040 (48,322)	53,127 (39,032)	5,568 (3,976)	-	147,042 (125,102)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	4,600* (7,494)	5,468* (7,626)	10,023 (8,110)	9,727 (8,047)	9,127 (7,938)	53,836 (47,730)	57,787 (36,956)	6,034 (3,533)	-	156,601 (122,262)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

**Table M-281 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	608*	561*	466*	2,796*	4,660*	466*	-	9,558*
				(909)	(839)	(696)	(4,178)	(6,963)	(696)		(14,281)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	4,599*	5,467*	9,414	9,165	8,660	51,038	53,125	5,567	-	147,036
		(7,494)	(7,626)	(8,273)	(8,190)	(8,043)	(48,320)	(39,030)	(3,976)		(125,097)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	4,599*	5,467*	10,022	9,727	9,127	53,834	57,785	6,033	-	156,594
		(7,494)	(7,626)	(8,109)	(8,046)	(7,938)	(47,728)	(36,954)	(3,532)		(122,257)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-282 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2031	-	-	-	608 [*] (909)	561 [*] (839)	466 [*] (696)	466 [*] (696)	466 [*] (696)	466 [*] (696)	-	478 [*] (714)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2010-2036	-	4,600 [*] (7,494)	5,468 [*] (7,626)	9,415 (8,274)	9,166 (8,190)	8,661 (8,043)	8,507 (8,054)	5,313 (3,903)	928 (663)	-	5,446 (4,633)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	4,600 [*] (7,494)	5,468 [*] (7,626)	10,023 (8,110)	9,727 (8,047)	9,127 (7,938)	8,973 (7,955)	5,779 (3,696)	1,006 (589)	-	5,800 (4,528)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-283 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2031	-	-	-	608 [*] (909)	561 [*] (839)	466 [*] (696)	466 [*] (696)	466 [*] (696)	466 [*] (696)	-	478 [*] (714)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2010-2036	-	4,599 [*] (7,494)	5,467 [*] (7,626)	9,414 (8,273)	9,165 (8,190)	8,660 (8,043)	8,506 (8,053)	5,312 (3,903)	928 (663)	-	5,446 (4,633)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	4,599 [*] (7,494)	5,467 [*] (7,626)	10,022 (8,109)	9,727 (8,046)	9,127 (7,938)	8,972 (7,955)	5,779 (3,695)	1,006 (589)	-	5,800 (4,528)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-284 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	6.4% (0.0%)	5.9% (0.0%)	4.9% (0.0%)	29.3% (0.0%)	48.8% (0.0%)	4.9% (0.0%)	-	100.0% (0.0%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	3.1% (2.9%)	3.7% (2.5%)	6.4% (0.3%)	6.2% (0.4%)	5.9% (0.7%)	34.7% (4.4%)	36.1% (8.3%)	3.8% (3.8%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	2.9% (2.8%)	3.5% (2.4%)	6.4% (0.2%)	6.2% (0.3%)	5.8% (0.6%)	34.4% (4.2%)	36.9% (7.9%)	3.9% (3.6%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-285 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total	
Residential	-	-	-	6.1%* (10.8%)	5.8%* (10.3%)	5.1%* (9.2%)	5.2%* (9.4%)	8.1%* (14.1%)	7.7%* (14.6%)	-	6.1%* (10.9%)	
Commercial	-	-	-	-	-	-	-	-	-	-	-	
Industrial	-	-	-	-	-	-	-	-	-	-	-	
Public Institutional	-	100.0% (0.0%)	100.0% (0.0%)	93.9% (10.8%)	94.2% (10.3%)	94.9% (9.2%)	94.8% (9.4%)	91.9% (14.1%)	92.3% (14.6%)	-	93.9% (10.9%)	
Private Institutional	-	-	-	-	-	-	-	-	-	-	-	
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-286 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	2,801* (4,185)	-	-	43,094 (36,664)	-	45,895 (35,831)
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	9,559* (14,281)	-	-	147,042 (125,102)	-	156,601 (122,262)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

Table M-287 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	9,558* (14,281)	-	-	147,036 (125,097)	-	156,594 (122,257)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	9,558* (14,281)	-	-	147,036 (125,097)	-	156,594 (122,257)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-288 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	140 [*] (209)	-	-	1,596 (1,358)	-	1,700 (1,327)
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	478 [*] (714)	-	-	5,446 (4,633)	-	5,800 (4,528)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

Table M-289 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	478* (714)	-	-	5,446 (4,633)	-	5,800 (4,528)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	478* (714)	-	-	5,446 (4,633)	-	5,800 (4,528)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-290 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	6.1%* (10.9%)	-	-	93.9% (10.9%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	6.1%* (10.9%)	-	-	93.9% (10.9%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-291 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-292 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2,492 (2,692)	81,546 (64,809)	200,895 (84,801)	427,718 (129,132)	403,927 (126,607)	369,481 (118,321)	1,944,764 (621,990)	1,448,516 (461,783)	46,337 (20,890)	-	4,925,676 (1,495,706)
Natural Gas, Units=KTherms	-	2,081 (2,304)	2,527 (2,263)	3,663 (1,887)	3,336 (1,803)	3,154 (1,749)	17,851 (10,438)	16,849 (10,113)	1,074 (751)	-	50,534 (25,715)
Oil, Units=KTherms	-	14* (22)	180* (272)	180* (272)	180* (272)	180* (272)	1,080* (1,632)	303 (351)	55* (89)	-	2,171* (3,033)
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	122,144* (199,008)	101,787* (165,840)	-	-	305,360* (497,519)
Diesel, Units=Site MMBtu	-	-	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	2,810,271* (4,198,769)	4,683,785* (6,997,949)	-	-	9,367,571* (13,995,898)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	8,501 (9,186)	487,696 (344,113)	1,444,963 (798,124)	2,332,447 (852,473)	2,218,620 (847,863)	2,082,830 (832,379)	11,461,290 (4,853,330)	11,443,288 (7,267,074)	270,926 (128,942)	-	31,750,561 (15,180,842)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

Table M-293 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	28,393 (30,681)	929,305 (738,564)	2,289,410 (966,401)	4,874,311 (1,471,596)	4,603,190 (1,442,828)	4,210,636 (1,348,398)	22,162,684 (7,088,249)	16,507,405 (5,262,521)	528,059 (238,063)	-	56,133,393 (17,045,180)
Natural Gas	-	217,866 (241,228)	264,624 (236,984)	383,489 (197,581)	349,306 (188,776)	330,194 (183,112)	1,868,956 (1,092,840)	1,764,089 (1,058,851)	112,408 (78,634)	-	5,290,932 (2,692,333)
Oil	-	1,378* (2,247)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	109,090* (164,824)	30,581 (35,420)	5,511* (8,989)	-	219,286* (306,360)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	122,144* (199,008)	101,787* (165,840)	-	-	305,360* (497,519)
Diesel	-	-	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	2,838,374* (4,240,757)	4,730,623* (7,067,929)	-	-	9,461,247* (14,135,857)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	28,393 (30,681)	1,148,548 (812,222)	3,065,636 (1,238,952)	5,769,402 (1,653,057)	5,464,097 (1,629,029)	5,052,432 (1,544,800)	27,101,248 (8,404,775)	23,134,484 (8,972,638)	645,977 (288,534)	-	71,410,217 (22,506,465)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-294 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2009-2040	2,492 (2,692)	81,546 (64,809)	200,895 (84,801)	427,718 (129,132)	403,927 (126,607)	369,481 (118,321)	324,127 (103,665)	144,852 (46,178)	4,634 (2,089)	-	153,927 (46,741)
Natural Gas, Units=KTherms	2010-2036	-	2,081 (2,304)	2,527 (2,263)	3,663 (1,887)	3,336 (1,803)	3,154 (1,749)	2,975 (1,740)	1,685 (1,011)	179 (125)	-	1,872 (952)
Oil, Units=KTherms	2010-2034	-	14* (22)	180* (272)	180* (272)	180* (272)	180* (272)	180* (272)	30 (35)	14* (22)	-	87* (121)
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	2011-2025	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	-	-	20,357* (33,168)
Diesel, Units=Site MMBtu	2011-2030	-	-	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	468,379* (699,795)	-	-	468,379* (699,795)
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2009-2040	8,501 (9,186)	487,696 (344,113)	1,444,963 (798,124)	2,332,447 (852,473)	2,218,620 (847,863)	2,082,830 (832,379)	1,910,215 (808,888)	1,144,329 (726,707)	27,093 (12,894)	-	992,205 (474,401)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

Table M-295 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2009-2040	28,393 (30,681)	929,305 (738,564)	2,289,410 (966,401)	4,874,311 (1,471,596)	4,603,190 (1,442,828)	4,210,636 (1,348,398)	3,693,781 (1,181,375)	1,650,740 (526,252)	52,806 (23,806)	-	1,754,169 (532,662)
Natural Gas	2010-2036	-	217,866 (241,228)	264,624 (236,984)	383,489 (197,581)	349,306 (188,776)	330,194 (183,112)	311,493 (182,140)	176,409 (105,885)	18,735 (13,106)	-	195,960 (99,716)
Oil	2010-2034	-	1,378* (2,247)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	18,182* (27,471)	3,058 (3,542)	1,378* (2,247)	-	8,771* (12,254)
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	2011-2025	-	-	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	20,357* (33,168)	-	-	20,357* (33,168)
Diesel	2011-2030	-	-	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	473,062* (706,793)	-	-	473,062* (706,793)
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2040	28,393 (30,681)	1,148,548 (812,222)	3,065,636 (1,238,952)	5,769,402 (1,653,057)	5,464,097 (1,629,029)	5,052,432 (1,544,800)	4,516,875 (1,400,796)	2,313,448 (897,264)	64,598 (28,853)	-	2,231,569 (703,327)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-296 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	0.1% (0.1%)	1.7% (1.0%)	4.1% (1.1%)	8.7% (1.0%)	8.2% (0.9%)	7.5% (0.8%)	39.5% (2.3%)	29.4% (4.1%)	0.9% (0.4%)	-	100.0% (0.0%)
Natural Gas	-	4.1% (4.2%)	5.0% (4.0%)	7.2% (1.3%)	6.6% (1.0%)	6.2% (1.1%)	35.3% (6.5%)	33.3% (11.6%)	2.1% (1.1%)	-	100.0% (0.0%)
Oil	-	0.6%* (1.2%)	8.3% (1.6%)	8.3% (1.6%)	8.3% (1.6%)	8.3% (1.6%)	49.7% (9.3%)	13.9% (9.4%)	2.5%* (4.9%)	-	100.0% (0.0%)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	6.7% (0.0%)	6.7% (0.0%)	6.7% (0.0%)	6.7% (0.0%)	40.0% (0.0%)	33.3% (0.0%)	-	-	100.0% (0.0%)
Diesel	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	-	-	100.0% (0.0%)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	1.6% (1.0%)	4.3% (1.0%)	8.1% (1.0%)	7.7% (0.9%)	7.1% (0.8%)	38.0% (2.5%)	32.4% (5.0%)	0.9% (0.4%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-297 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	100.0% (0.0%)	80.9% (19.4%)	74.7% (19.6%)	84.5% (11.4%)	84.2% (11.9%)	83.3% (12.8%)	81.8% (13.9%)	71.4% (22.8%)	81.7% (8.5%)	-	78.6% (16.5%)
Natural Gas	-	19.0% (19.3%)	8.6% (7.5%)	6.6% (3.6%)	6.4% (3.6%)	6.5% (3.8%)	6.9% (4.2%)	7.6% (4.8%)	17.4% (8.9%)	-	7.4% (4.0%)
Oil	-	0.1%* (0.2%)	0.6%* (0.9%)	0.3%* (0.5%)	0.3%* (0.5%)	0.4%* (0.6%)	0.4%* (0.6%)	0.1% (0.2%)	0.9%* (1.3%)	-	0.3%* (0.4%)
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	0.7%* (1.1%)	0.4%* (0.6%)	0.4%* (0.6%)	0.4%* (0.7%)	0.5%* (0.7%)	0.4%* (0.7%)	-	-	0.4%* (0.7%)
Diesel	-	-	15.4%* (20.2%)	8.2%* (11.5%)	8.7%* (12.1%)	9.4%* (12.9%)	10.5%* (14.3%)	20.4% (24.8%)	-	-	13.2%* (17.5%)
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-298 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	3,163 [*] (5,160)	83,787 [*] (136,671)	104,689 [*] (140,641)	211,961 (202,728)	204,456 (194,853)	183,832 (179,439)	1,102,992 (1,076,632)	918,928 (1,127,630)	97,378 (116,562)	-	2,911,188 (2,842,667)
Commercial	-	858 [*] (1,398)	858 [*] (1,398)	50,330 (51,235)	50,330 (51,235)	50,330 (51,235)	216,333 (242,775)	115,614 [*] (162,697)	-	-	484,653 (527,698)
Industrial	-	-	-	478 [*] (780)	478 [*] (780)	478 [*] (780)	2,868 [*] (4,679)	4,781 [*] (7,798)	478 [*] (780)	-	9,561 [*] (15,596)
Public Institutional	5,338 [*] (7,600)	403,050 (315,805)	1,339,415 (785,878)	2,069,678 (833,425)	1,963,356 (829,488)	1,848,190 (815,829)	10,139,097 (4,751,815)	10,403,965 (7,201,571)	173,070 (80,095)	-	28,345,159 (14,970,939)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	8,501 (9,186)	487,696 (344,113)	1,444,963 (798,124)	2,332,447 (852,473)	2,218,620 (847,863)	2,082,830 (832,379)	11,461,290 (4,853,330)	11,443,288 (7,267,074)	270,926 (128,942)	-	31,750,561 (15,180,842)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

Table M-299 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	10,565* (17,234)	95,781* (156,235)	117,178* (159,726)	325,162 (323,443)	310,708 (304,965)	270,710 (267,544)	1,624,261 (1,605,266)	1,727,570* (2,159,409)	207,234 (234,591)	-	4,689,170 (4,870,359)
Commercial	-	2,866* (4,670)	2,866* (4,670)	110,911 (110,499)	110,911 (110,499)	110,911 (110,499)	397,951 (439,349)	192,907* (268,082)	-	-	929,323 (965,802)
Industrial	-	-	-	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	9,580* (15,627)	15,967* (26,045)	1,597* (2,604)	-	31,934* (52,089)
Public Institutional	17,828* (25,383)	1,049,901 (797,040)	2,945,591 (1,229,048)	5,331,733 (1,634,311)	5,040,881 (1,610,848)	4,669,214 (1,529,352)	25,069,456 (8,304,310)	21,198,041 (8,779,421)	437,147 (207,149)	-	65,759,791 (22,145,022)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	28,393 (30,681)	1,148,548 (812,222)	3,065,636 (1,238,952)	5,769,402 (1,653,057)	5,464,097 (1,629,029)	5,052,432 (1,544,800)	27,101,248 (8,404,775)	23,134,484 (8,972,638)	645,977 (288,534)	-	71,410,217 (22,506,465)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-300 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2009-2036	3,163* (5,160)	83,787* (136,671)	104,689* (140,641)	211,961 (202,728)	204,456 (194,853)	183,832 (179,439)	183,832 (179,439)	91,893 (112,763)	16,230 (19,427)	-	103,971 (101,524)
Commercial	2010-2027	-	858* (1,398)	858* (1,398)	50,330 (51,235)	50,330 (51,235)	50,330 (51,235)	36,055 (40,462)	16,516* (23,242)	-	-	26,925 (29,317)
Industrial	2012-2031	-	-	-	478* (780)	478* (780)	478* (780)	478* (780)	478* (780)	478* (780)	-	478* (780)
Public Institutional	2009-2040	5,338* (7,600)	403,050 (315,805)	1,339,415 (785,878)	2,069,678 (833,425)	1,963,356 (829,488)	1,848,190 (815,829)	1,689,849 (791,969)	1,040,397 (720,157)	17,307 (8,010)	-	885,786 (467,842)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2040	8,501 (9,186)	487,696 (344,113)	1,444,963 (798,124)	2,332,447 (852,473)	2,218,620 (847,863)	2,082,830 (832,379)	1,910,215 (808,888)	1,144,329 (726,707)	27,093 (12,894)	-	992,205 (474,401)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-301 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2009-2036	10,565* (17,234)	95,781* (156,235)	117,178* (159,726)	325,162 (323,443)	310,708 (304,965)	270,710 (267,544)	270,710 (267,544)	172,757* (215,941)	34,539 (39,099)	-	167,470 (173,941)
Commercial	2010-2027	-	2,866* (4,670)	2,866* (4,670)	110,911 (110,499)	110,911 (110,499)	110,911 (110,499)	66,325 (73,225)	27,558* (38,297)	-	-	51,629 (53,656)
Industrial	2012-2031	-	-	-	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	1,597* (2,604)	-	1,597* (2,604)
Public Institutional	2009-2040	17,828* (25,383)	1,049,901 (797,040)	2,945,591 (1,229,048)	5,331,733 (1,634,311)	5,040,881 (1,610,848)	4,669,214 (1,529,352)	4,178,243 (1,384,052)	2,119,804 (877,942)	43,715 (20,715)	-	2,054,993 (692,032)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2040	28,393 (30,681)	1,148,548 (812,222)	3,065,636 (1,238,952)	5,769,402 (1,653,057)	5,464,097 (1,629,029)	5,052,432 (1,544,800)	4,516,875 (1,400,796)	2,313,448 (897,264)	64,598 (28,853)	-	2,231,569 (703,327)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-302 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	0.2% [*] (0.3%)	2.0% [*] (3.1%)	2.5% [*] (3.3%)	6.9% (0.7%)	6.6% (0.9%)	5.8% (1.2%)	34.6% (7.1%)	36.8% (16.2%)	4.4% (0.6%)	-	100.0% (0.0%)
Commercial	-	0.3% (0.4%)	0.3% (0.4%)	11.9% (4.9%)	11.9% (4.9%)	11.9% (4.9%)	42.8% (8.0%)	20.8% (16.6%)	-	-	100.0% (0.0%)
Industrial	-	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	5.0% (0.0%)	-	100.0% (0.0%)
Public Institutional	-	1.6% (1.0%)	4.5% (1.0%)	8.1% (1.1%)	7.7% (1.0%)	7.1% (0.8%)	38.1% (2.7%)	32.2% (5.3%)	0.7% (0.3%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	1.6% (1.0%)	4.3% (1.0%)	8.1% (1.0%)	7.7% (0.9%)	7.1% (0.8%)	38.0% (2.5%)	32.4% (5.0%)	0.9% (0.4%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-303 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total	
Residential	37.2%* (50.6%)	8.3%* (13.7%)	3.8%* (5.2%)	5.6% (5.6%)	5.7% (5.6%)	5.4% (5.3%)	6.0% (5.9%)	7.5% (9.2%)	32.1% (28.1%)	-	6.6% (6.8%)	
Commercial	-	0.2%* (0.4%)	0.1%* (0.2%)	1.9% (2.0%)	2.0% (2.1%)	2.2% (2.3%)	1.5% (1.7%)	0.8%* (1.2%)	-	-	1.3% (1.4%)	
Industrial	-	-	-	-	-	-	-	0.1%* (0.1%)	0.2%* (0.4%)	-	-	
Public Institutional	62.8% (50.6%)	91.4% (13.8%)	96.1% (5.3%)	92.4% (6.0%)	92.3% (6.0%)	92.4% (5.8%)	92.5% (6.2%)	91.6% (9.3%)	67.7% (28.1%)	-	92.1% (6.9%)	
Private Institutional	-	-	-	-	-	-	-	-	-	-	-	
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-304 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	211,766 (260,391)	53,926 (53,987)	2,802* (4,571)	4,657,181 (1,482,877)	-	4,925,676 (1,495,706)
Natural Gas, Units=KTherms	18,492 (19,966)	3,007 (3,540)	-	29,036 (17,517)	-	50,534 (25,715)
Oil, Units=KTherms	341* (556)	-	-	1,830* (2,982)	-	2,171* (3,033)
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	305,360* (497,519)	-	-	-	-	305,360* (497,519)
Diesel, Units=Site MMBtu	-	-	-	9,367,571* (13,995,898)	-	9,367,571* (13,995,898)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	2,911,188 (2,842,667)	484,653 (527,698)	9,561* (15,596)	28,345,159 (14,970,939)	-	31,750,561 (15,180,842)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

Table M-305 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	2,413,308 (2,967,433)	614,541 (615,244)	31,934* (52,089)	53,073,611 (16,898,989)	-	56,133,393 (17,045,180)
Natural Gas	1,936,061 (2,090,460)	314,782 (370,639)	-	3,040,089 (1,833,987)	-	5,290,932 (2,692,333)
Oil	34,442* (56,180)	-	-	184,844* (301,165)	-	219,286* (306,360)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	305,360* (497,519)	-	-	-	-	305,360* (497,519)
Diesel	-	-	-	9,461,247* (14,135,857)	-	9,461,247* (14,135,857)
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	4,689,170 (4,870,359)	929,323 (965,802)	31,934* (52,089)	65,759,791 (22,145,022)	-	71,410,217 (22,506,465)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-306 **EECBG BPA, Energy Efficiency Retrofits**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	7,563 (9,300)	2,996 (2,999)	140* (229)	145,537 (46,340)	-	153,927 (46,741)
Natural Gas, Units=KTherms	841 (908)	177 (208)	-	1,075 (649)	-	1,872 (952)
Oil, Units=KTherms	14* (22)	-	-	166* (271)	-	87* (121)
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	20,357* (33,168)	-	-	-	-	20,357* (33,168)
Diesel, Units=Site MMBtu	-	-	-	468,379* (699,795)	-	468,379* (699,795)
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	103,971 (101,524)	26,925 (29,317)	478* (780)	885,786 (467,842)	-	992,205 (474,401)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.
KTherms = 1,000 Therms.

**Table M-307 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	86,190 (105,980)	34,141 (34,180)	1,597* (2,604)	1,658,550 (528,093)	-	1,754,169 (532,662)
Natural Gas	88,003 (95,021)	18,517 (21,802)	-	112,596 (67,925)	-	195,960 (99,716)
Oil	1,378* (2,247)	-	-	16,804* (27,379)	-	8,771* (12,254)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	20,357* (33,168)	-	-	-	-	20,357* (33,168)
Diesel	-	-	-	473,062* (706,793)	-	473,062* (706,793)
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	167,470 (173,941)	51,629 (53,656)	1,597* (2,604)	2,054,993 (692,032)	-	2,231,569 (703,327)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-308 **EECBG BPA, Energy Efficiency Retrofits**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	4.3% (5.3%)	1.1% (1.1%)	0.1%* (0.1%)	94.5% (5.4%)	-	100.0% (0.0%)
Natural Gas	36.6% (29.0%)	5.9% (7.3%)	-	57.5% (28.3%)	-	100.0% (0.0%)
Oil	15.7%* (30.5%)	-	-	84.3% (30.5%)	-	100.0% (0.0%)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	100.0% (0.0%)	-	-	-	-	100.0% (0.0%)
Diesel	-	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	6.6% (6.8%)	1.3% (1.4%)	-	92.1% (6.9%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-309 **EECBG BPA, Energy Efficiency Retrofits**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	51.5% (19.2%)	66.1% (10.8%)	100.0% (0.0%)	80.7% (18.1%)	-	78.6% (16.5%)
Natural Gas	41.3% (16.2%)	33.9% (10.8%)	-	4.6% (3.0%)	-	7.4% (4.0%)
Oil	0.7%* (1.1%)	-	-	0.3%* (0.5%)	-	0.3%* (0.4%)
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	6.5%* (12.0%)	-	-	-	-	0.4%* (0.7%)
Diesel	-	-	-	14.4%* (18.8%)	-	13.2%* (17.5%)
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-310 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Bill Savings by Fuel Type and Year, Total Estimates, in Thousand 2009 Dollars

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	\$294	\$7,694	\$19,349	\$39,898	\$37,514	\$34,504	\$179,158	\$134,089	\$4,985	-	\$457,485
Natural Gas	-	\$2,298	\$2,648	\$3,501	\$3,254	\$3,107	\$18,309	\$17,020	\$1,150	-	\$51,286
Oil	-	\$27*	\$309*	\$307*	\$305*	\$303*	\$1,775*	\$572	\$135*	-	\$3,732*
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	\$291*	\$319*	\$332*	\$347*	\$2,268*	\$2,002*	-	-	\$5,559*
Diesel	-	-	\$8,906*	\$9,258*	\$9,625*	\$10,006*	\$66,788*	\$125,542*	-	-	\$230,124*
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	\$294	\$10,019	\$31,502	\$53,282	\$51,030	\$48,267	\$268,298	\$279,226	\$6,270	-	\$748,187

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-311 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Bill Savings by Fuel Type and Year, Row Percent Estimates, in Thousand 2009 Dollars**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	0.1%	1.7%	4.2%	8.7%	8.2%	7.5%	39.2%	29.3%	1.1%	-	100.0%
Natural Gas	-	4.5%	5.2%	6.8%	6.3%	6.1%	35.7%	33.2%	2.2%	-	100.0%
Oil	-	0.7%*	8.3%	8.2%	8.2%	8.1%	47.6%	15.3%	3.6%*	-	100.0%
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	5.2%	5.7%	6.0%	6.2%	40.8%	36.0%	-	-	100.0%
Diesel	-	-	3.9%	4.0%	4.2%	4.3%	29.0%	54.6%	-	-	100.0%
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	1.3%	4.2%	7.1%	6.8%	6.5%	35.9%	37.3%	0.8%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-312 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Bill Savings by Fuel Type and Year, Column Percent Estimates, in Thousand 2009 Dollars

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	100.0%	76.8%	61.4%	74.9%	73.5%	71.5%	66.8%	48.0%	79.5%	-	61.1%
Natural Gas	-	22.9%	8.4%	6.6%	6.4%	6.4%	6.8%	6.1%	18.3%	-	6.9%
Oil	-	0.3%*	1.0%*	0.6%*	0.6%*	0.6%*	0.7%*	0.2%	2.2%*	-	0.5%*
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	0.9%*	0.6%*	0.7%*	0.7%*	0.8%*	0.7%*	-	-	0.7%*
Diesel	-	-	28.3%*	17.4%*	18.9%*	20.7%*	24.9%*	45.0%	-	-	30.8%*
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-313 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Original Site Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	\$118.04	\$94.35	\$96.31	\$93.28	\$92.87	\$93.39	\$92.12	\$92.57	\$107.58	-	\$92.88
Natural Gas, Units=KTherms	-	\$1,104.20	\$1,047.52	\$955.78	\$975.47	\$985.23	\$1,025.66	\$1,010.15	\$1,071.35	-	\$1,014.89
Oil, Units=KTherms	-	\$2,008.01*	\$1,714.57*	\$1,703.37*	\$1,692.26*	\$1,681.24*	\$1,643.43*	\$1,890.34	\$2,475.49*	-	\$1,719.12*
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	\$14.32*	\$15.66*	\$16.33*	\$17.03*	\$18.57*	\$19.67*	-	-	\$18.21*
Diesel, Units=Site MMBtu	-	-	\$19.01*	\$19.77*	\$20.55*	\$21.36*	\$23.77*	\$26.80*	-	-	\$24.57*
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	\$34.59	\$20.54	\$21.80	\$22.84	\$23.00	\$23.17	\$23.41	\$24.40	\$23.14	-	\$23.56

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-314

EECBG BPA, Energy Efficiency Retrofits

EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	\$10.36	\$8.28	\$8.45	\$8.19	\$8.15	\$8.19	\$8.08	\$8.12	\$9.44	-	\$8.15
Natural Gas	-	\$10.55	\$10.00	\$9.13	\$9.32	\$9.41	\$9.80	\$9.65	\$10.23	-	\$9.69
Oil	-	\$19.88*	\$16.98*	\$16.87*	\$16.76*	\$16.65*	\$16.27*	\$18.72	\$24.51*	-	\$17.02*
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	\$14.32*	\$15.66*	\$16.33*	\$17.03*	\$18.57*	\$19.67*	-	-	\$18.21*
Diesel	-	-	\$18.83*	\$19.57*	\$20.35*	\$21.15*	\$23.53*	\$26.54*	-	-	\$24.32*
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	\$10.36	\$8.72	\$10.28	\$9.24	\$9.34	\$9.55	\$9.90	\$12.07	\$9.71	-	\$10.48

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-315 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Bill Savings by Sector and Year, Total Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	\$153*	\$1,265*	\$1,496*	\$3,655	\$3,535	\$3,140	\$19,292	\$19,631*	\$2,442	-	\$54,610
Commercial	-	\$24*	\$24*	\$1,121	\$1,117	\$1,113	\$3,706	\$1,742*	-	-	\$8,848
Industrial	-	-	-	\$9*	\$9*	\$9*	\$50*	\$84*	\$9*	-	\$169*
Public Institutional	\$141*	\$8,730	\$29,982	\$48,497	\$46,369	\$44,004	\$245,249	\$257,769	\$3,819	-	\$684,561
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	\$294	\$10,019	\$31,502	\$53,282	\$51,030	\$48,267	\$268,298	\$279,226	\$6,270	-	\$748,187

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-316 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Bill Savings by Sector and Year, Row Percent Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	0.3%*	2.3%*	2.7%*	6.7%	6.5%	5.8%	35.3%	35.9%	4.5%	-	100.0%
Commercial	-	0.3%	0.3%	12.7%	12.6%	12.6%	41.9%	19.7%	-	-	100.0%
Industrial	-	-	-	5.1%	5.1%	5.1%	29.7%	49.8%	5.2%	-	100.0%
Public Institutional	-	1.3%	4.4%	7.1%	6.8%	6.4%	35.8%	37.7%	0.6%	-	100.0%
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	1.3%	4.2%	7.1%	6.8%	6.5%	35.9%	37.3%	0.8%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-317 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Bill Savings by Sector and Year, Column Percent Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	52.1%*	12.6%*	4.7%*	6.9%	6.9%	6.5%	7.2%	7.0%	39.0%	-	7.3%
Commercial	-	0.2%*	0.1%*	2.1%	2.2%	2.3%	1.4%	0.6%*	-	-	1.2%
Industrial	-	-	-	-	-	-	-	-	0.1%*	-	-
Public Institutional	47.9%	87.1%	95.2%	91.0%	90.9%	91.2%	91.4%	92.3%	60.9%	-	91.5%
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-318

EECBG BPA, Energy Efficiency Retrofits

EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	\$48.45*	\$15.09*	\$14.29*	\$17.24	\$17.29	\$17.08	\$17.49	\$21.36	\$25.08	-	\$18.76
Commercial	-	\$27.96*	\$27.72*	\$22.27	\$22.20	\$22.12	\$17.13	\$15.07*	-	-	\$18.26
Industrial	-	-	-	\$18.16*	\$18.04*	\$17.92*	\$17.50*	\$17.59*	\$18.23*	-	\$17.66*
Public Institutional	\$26.38*	\$21.66	\$22.38	\$23.43	\$23.62	\$23.81	\$24.19	\$24.78	\$22.07	-	\$24.15
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	\$34.59	\$20.54	\$21.80	\$22.84	\$23.00	\$23.17	\$23.41	\$24.40	\$23.14	-	\$23.56

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-319 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	\$14.51*	\$13.20*	\$12.76*	\$11.24	\$11.38	\$11.60	\$11.88	\$11.36*	\$11.79	-	\$11.65
Commercial	-	\$8.37*	\$8.30*	\$10.11	\$10.07	\$10.04	\$9.31	\$9.03*	-	-	\$9.52
Industrial	-	-	-	\$5.44*	\$5.40*	\$5.37*	\$5.24*	\$5.27*	\$5.46*	-	\$5.29*
Public Institutional	\$7.90*	\$8.32	\$10.18	\$9.10	\$9.20	\$9.42	\$9.78	\$12.16	\$8.74	-	\$10.41
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	\$10.36	\$8.72	\$10.28	\$9.24	\$9.34	\$9.55	\$9.90	\$12.07	\$9.71	-	\$10.48

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-320 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Bill Savings by Fuel Type and Sector, Total Estimates, in Thousand 2009 Dollars

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	\$26,499	\$6,410	\$169*	\$424,407	-	\$457,485
Natural Gas	\$21,807	\$2,437	-	\$27,042	-	\$51,286
Oil	\$744*	-	-	\$2,988*	-	\$3,732*
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	\$5,559*	-	-	-	-	\$5,559*
Diesel	-	-	-	\$230,124*	-	\$230,124*
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	\$54,610	\$8,848	\$169*	\$684,561	-	\$748,187

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-321 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Bill Savings by Fuel Type and Sector, Row Percent Estimates, in Thousand 2009 Dollars**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	5.8%	1.4%	-	92.8%	-	100.0%
Natural Gas	42.5%	4.8%	-	52.7%	-	100.0%
Oil	19.9%*	-	-	80.1%	-	100.0%
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	100.0%	-	-	-	-	100.0%
Diesel	-	-	-	100.0%	-	100.0%
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	7.3%	1.2%	-	91.5%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-322 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Bill Savings by Fuel Type and Sector, Column Percent Estimates, in Thousand 2009 Dollars**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	48.5%	72.5%	100.0%	62.0%	-	61.1%
Natural Gas	39.9%	27.5%	-	4.0%	-	6.9%
Oil	1.4%*	-	-	0.4%*	-	0.5%*
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	10.2%*	-	-	-	-	0.7%*
Diesel	-	-	-	33.6%*	-	30.8%*
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0%	100.0%	100.0%	100.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-323 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	\$125.13	\$118.87	\$60.27 [*]	\$91.13	-	\$92.88
Natural Gas, Units=KTherms	\$1,179.31	\$810.71	-	\$931.31	-	\$1,014.89
Oil, Units=KTherms	\$2,182.09 [*]	-	-	\$1,632.85 [*]	-	\$1,719.12 [*]
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	\$18.21 [*]	-	-	-	-	\$18.21 [*]
Diesel, Units=Site MMBtu	-	-	-	\$24.57 [*]	-	\$24.57 [*]
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	\$18.76	\$18.26	\$17.66 [*]	\$24.15	-	\$23.56

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-324 EECBG BPA, Energy Efficiency Retrofits
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	\$10.98	\$10.43	\$5.29*	\$8.00	-	\$8.15
Natural Gas	\$11.26	\$7.74	-	\$8.90	-	\$9.69
Oil	\$21.60*	-	-	\$16.17*	-	\$17.02*
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	\$18.21*	-	-	-	-	\$18.21*
Diesel	-	-	-	\$24.32*	-	\$24.32*
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	\$11.65	\$9.52	\$5.29*	\$10.41	-	\$10.48

Note:
Standard errors estimates are not reported.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

**Table M-325 EECBG BPA, Buildings and Facilities
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	185,796 (225,778)	285,320 (243,164)	287,647 (243,523)	287,647 (243,523)	287,579 (243,517)	1,605,537 (1,322,829)	762,324 (848,785)	50,835* (82,921)	-	3,752,685 (3,049,316)
Natural Gas, Units=KTherms	8* (14)	15* (25)	31 (34)	335* (473)	335* (473)	335* (473)	868 (1,052)	335* (542)	16* (26)	-	2,279 (2,702)
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	847* (1,381)	635,463 (770,223)	976,639 (829,501)	1,014,984 (834,189)	1,014,984 (834,189)	1,014,752 (834,148)	5,565,117 (4,514,365)	2,634,701 (2,897,064)	175,062* (282,949)	-	13,032,549 (10,407,873)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-326 EECBG BPA, Buildings and Facilities
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	2,117,342 (2,572,982)	3,251,535 (2,771,116)	3,278,047 (2,775,205)	3,278,047 (2,775,205)	3,277,270 (2,775,140)	18,296,828 (15,075,063)	8,687,509 (9,672,821)	579,323* (944,972)	-	42,765,901 (34,750,252)
Natural Gas	886* (1,446)	1,573* (2,567)	3,230 (3,574)	35,067* (49,549)	35,067* (49,549)	35,067* (49,549)	90,880 (110,160)	35,120* (56,772)	1,680* (2,741)	-	238,571 (282,951)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	886* (1,446)	2,118,915 (2,572,809)	3,254,765 (2,770,893)	3,313,114 (2,777,650)	3,313,114 (2,777,650)	3,312,337 (2,777,563)	18,387,708 (15,074,902)	8,722,630 (9,673,389)	581,003* (944,976)	-	43,004,473 (34,751,058)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-327 EECBG BPA, Buildings and Facilities
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2010-2031	-	185,796 (225,778)	285,320 (243,164)	287,647 (243,523)	287,647 (243,523)	287,579 (243,517)	267,590 (220,471)	76,232 (84,878)	50,835* (82,921)	-	170,577 (138,605)
Natural Gas, Units=KTherms	2009-2031	8* (14)	15* (25)	31 (34)	335* (473)	335* (473)	335* (473)	145 (175)	34* (54)	16* (26)	-	99 (117)
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2009-2031	847* (1,381)	635,463 (770,223)	976,639 (829,501)	1,014,984 (834,189)	1,014,984 (834,189)	1,014,752 (834,148)	927,520 (752,394)	263,470 (289,706)	175,062* (282,949)	-	566,633 (452,516)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-328 EECBG BPA, Buildings and Facilities
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2010-2031	-	2,117,342 (2,572,982)	3,251,535 (2,771,116)	3,278,047 (2,775,205)	3,278,047 (2,775,205)	3,277,270 (2,775,140)	3,049,471 (2,512,511)	868,751 (967,282)	579,323 [*] (944,972)	-	1,943,905 (1,579,557)
Natural Gas	2009-2031	886 [*] (1,446)	1,573 [*] (2,567)	3,230 (3,574)	35,067 [*] (49,549)	35,067 [*] (49,549)	35,067 [*] (49,549)	15,147 (18,360)	3,512 [*] (5,677)	1,680 [*] (2,741)	-	10,373 (12,302)
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2031	886 [*] (1,446)	2,118,915 (2,572,809)	3,254,765 (2,770,893)	3,313,114 (2,777,650)	3,313,114 (2,777,650)	3,312,337 (2,777,563)	3,064,618 (2,512,484)	872,263 (967,339)	581,003 [*] (944,976)	-	1,869,760 (1,510,916)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-329 EECBG BPA, Buildings and Facilities
Overall Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	5.0% (3.4%)	7.6% (3.8%)	7.7% (1.5%)	7.7% (1.5%)	7.7% (1.5%)	42.8% (7.2%)	20.3% (15.6%)	1.4%* (1.9%)	-	100.0% (0.0%)
Natural Gas	0.4%* (0.5%)	0.7%* (1.0%)	1.4%* (1.8%)	14.7% (7.5%)	14.7% (7.5%)	14.7% (7.5%)	38.1% (2.5%)	14.7%* (21.2%)	0.7%* (1.0%)	-	100.0% (0.0%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	4.9% (3.4%)	7.6% (3.8%)	7.7% (1.5%)	7.7% (1.5%)	7.7% (1.5%)	42.8% (7.1%)	20.3% (15.5%)	1.4%* (1.9%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-330 EECBG BPA, Buildings and Facilities
Overall Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total	
Electricity	-	99.9% (0.2%)	99.9% (0.1%)	98.9% (1.7%)	98.9% (1.7%)	98.9% (1.7%)	99.5% (0.7%)	99.6% (0.8%)	99.7% (0.7%)	-	99.4% (0.8%)	
Natural Gas	100.0% (0.0%)	0.1% [*] (0.2%)	0.1% [*] (0.1%)	1.1% [*] (1.7%)	1.1% [*] (1.7%)	1.1% [*] (1.7%)	0.5% [*] (0.7%)	0.4% [*] (0.8%)	0.3% [*] (0.7%)	-	0.6% [*] (0.8%)	
Oil	-	-	-	-	-	-	-	-	-	-	-	
Propane	-	-	-	-	-	-	-	-	-	-	-	
Kerosene	-	-	-	-	-	-	-	-	-	-	-	
Wood	-	-	-	-	-	-	-	-	-	-	-	
Diesel	-	-	-	-	-	-	-	-	-	-	-	
Ethanol	-	-	-	-	-	-	-	-	-	-	-	
Gasoline	-	-	-	-	-	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-	-	-	-	
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-331 EECBG BPA, Buildings and Facilities
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	-	-	-	-	-	-	-	-	-	-
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

KTherms = 1,000 Therms.

**Table M-332 EECBG BPA, Buildings and Facilities
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

**Table M-333 EECBG BPA, Buildings and Facilities
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	n/a	-	-	-	-	-	-	-	-	-	-	-
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-

Note:
There is no estimated renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"n/a" indicates not applicable.
KTherms = 1,000 Therms.

**Table M-334 EECBG BPA, Buildings and Facilities
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	n/a	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	n/a	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"n/a" indicates not applicable.

**Table M-335 EECBG BPA, Buildings and Facilities
Overall Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:
 There is no estimated renewable energy generation for this BPA from this evaluation.
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.

**Table M-336 EECBG BPA, Buildings and Facilities
Overall Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

**Table M-337 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	185,796 (225,778)	258,882 (209,882)	172,800 (121,847)	164,209 (114,503)	164,125 (114,494)	939,392 (664,673)	673,952 (818,781)	50,835* (82,921)	-	2,609,991 (1,974,021)
Natural Gas, Units=KTherms	8* (14)	15* (25)	31 (34)	335* (473)	335* (473)	335* (473)	868 (1,052)	335* (542)	16* (26)	-	2,279 (2,702)
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	847* (1,381)	635,463 (770,223)	886,427 (715,906)	623,110 (422,887)	593,798 (398,126)	593,509 (398,062)	3,292,138 (2,273,730)	2,333,162 (2,794,716)	175,062* (282,949)	-	9,133,516 (6,746,635)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-338 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	2,117,342 (2,572,982)	2,950,242 (2,391,834)	1,969,240 (1,388,582)	1,871,342 (1,304,881)	1,870,377 (1,304,779)	10,705,389 (7,574,668)	7,680,410 (9,330,889)	579,323* (944,972)	-	29,743,664 (22,496,097)
Natural Gas	886* (1,446)	1,573* (2,567)	3,230 (3,574)	35,067* (49,549)	35,067* (49,549)	35,067* (49,549)	90,880 (110,160)	35,120* (56,772)	1,680* (2,741)	-	238,571 (282,951)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	886* (1,446)	2,118,915 (2,572,809)	2,953,472 (2,391,575)	2,004,307 (1,394,161)	1,906,409 (1,310,658)	1,905,444 (1,310,521)	10,796,269 (7,578,963)	7,715,530 (9,331,477)	581,003* (944,976)	-	29,982,236 (22,503,725)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-339 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2010-2031	-	185,796 (225,778)	258,882 (209,882)	172,800 (121,847)	164,209 (114,503)	164,125 (114,494)	156,565 (110,779)	67,395 (81,878)	50,835* (82,921)	-	118,636 (89,728)
Natural Gas, Units=KTherms	2009-2031	8* (14)	15* (25)	31 (34)	335* (473)	335* (473)	335* (473)	145 (175)	34* (54)	16* (26)	-	99 (117)
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2009-2031	847* (1,381)	635,463 (770,223)	886,427 (715,906)	623,110 (422,887)	593,798 (398,126)	593,509 (398,062)	548,690 (378,955)	233,316 (279,472)	175,062* (282,949)	-	397,109 (293,332)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-340 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2010-2031	-	2,117,342 (2,572,982)	2,950,242 (2,391,834)	1,969,240 (1,388,582)	1,871,342 (1,304,881)	1,870,377 (1,304,779)	1,784,232 (1,262,445)	768,041 (933,089)	579,323 [*] (944,972)	-	1,351,985 (1,022,550)
Natural Gas	2009-2031	886 [*] (1,446)	1,573 [*] (2,567)	3,230 (3,574)	35,067 [*] (49,549)	35,067 [*] (49,549)	35,067 [*] (49,549)	15,147 (18,360)	3,512 [*] (5,677)	1,680 [*] (2,741)	-	10,373 (12,302)
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2031	886 [*] (1,446)	2,118,915 (2,572,809)	2,953,472 (2,391,575)	2,004,307 (1,394,161)	1,906,409 (1,310,658)	1,905,444 (1,310,521)	1,799,378 (1,263,161)	771,553 (933,148)	581,003 [*] (944,976)	-	1,303,575 (978,423)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-341 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	7.1% (7.2%)	9.9% (7.2%)	6.6% (1.4%)	6.3% (1.3%)	6.3% (1.3%)	36.0% (7.4%)	25.8% (18.2%)	1.9% (2.3%)	-	100.0% (0.0%)
Natural Gas	0.4%* (0.5%)	0.7%* (1.0%)	1.4%* (1.8%)	14.7% (7.5%)	14.7% (7.5%)	14.7% (7.5%)	38.1% (2.5%)	14.7%* (21.2%)	0.7%* (1.0%)	-	100.0% (0.0%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	7.1% (7.2%)	9.9% (7.2%)	6.7% (1.5%)	6.4% (1.4%)	6.4% (1.4%)	36.0% (7.3%)	25.7% (18.1%)	1.9% (2.3%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-342 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total	
Electricity	-	99.9% (0.2%)	99.9% (0.2%)	98.3% (2.6%)	98.2% (2.7%)	98.2% (2.7%)	99.2% (1.2%)	99.5% (0.9%)	99.7% (0.7%)	-	99.2% (1.1%)	
Natural Gas	100.0% (0.0%)	0.1%* (0.2%)	0.1%* (0.2%)	1.7%* (2.6%)	1.8%* (2.7%)	1.8%* (2.7%)	0.8%* (1.2%)	0.5%* (0.9%)	0.3%* (0.7%)	-	0.8%* (1.1%)	
Oil	-	-	-	-	-	-	-	-	-	-	-	
Propane	-	-	-	-	-	-	-	-	-	-	-	
Kerosene	-	-	-	-	-	-	-	-	-	-	-	
Wood	-	-	-	-	-	-	-	-	-	-	-	
Diesel	-	-	-	-	-	-	-	-	-	-	-	
Ethanol	-	-	-	-	-	-	-	-	-	-	-	
Gasoline	-	-	-	-	-	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-	-	-	-	
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-343 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	1,346* (2,021)	1,122* (1,684)	1,010* (1,516)	6,058* (9,093)	6,058* (9,093)	-	-	15,595* (23,406)
Commercial	-	-	101,690* (154,657)	-	-	-	-	-	-	-	101,690* (154,657)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	847* (1,381)	635,463 (770,223)	784,737 (699,453)	621,763 (422,882)	592,676 (398,123)	592,499 (398,059)	3,286,080 (2,273,712)	2,327,104 (2,794,701)	175,062* (282,949)	-	9,016,231 (6,744,980)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	847* (1,381)	635,463 (770,223)	886,427 (715,906)	623,110 (422,887)	593,798 (398,126)	593,509 (398,062)	3,292,138 (2,273,730)	2,333,162 (2,794,716)	175,062* (282,949)	-	9,133,516 (6,746,635)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

**Table M-344 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	4,496* (6,749)	3,747* (5,624)	3,372* (5,062)	20,234* (30,370)	20,234* (30,370)	-	-	52,084* (78,174)
Commercial	-	-	336,002* (516,187)	-	-	-	-	-	-	-	336,002* (516,187)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	886* (1,446)	2,118,915 (2,572,809)	2,617,470 (2,336,483)	1,999,810 (1,394,144)	1,902,662 (1,310,646)	1,902,071 (1,310,511)	10,776,035 (7,578,903)	7,695,296 (9,331,427)	581,003* (944,976)	-	29,594,150 (22,498,172)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	886* (1,446)	2,118,915 (2,572,809)	2,953,472 (2,391,575)	2,004,307 (1,394,161)	1,906,409 (1,310,658)	1,905,444 (1,310,521)	10,796,269 (7,578,963)	7,715,530 (9,331,477)	581,003* (944,976)	-	29,982,236 (22,503,725)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-345 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2026	-	-	-	1,346* (2,021)	1,122* (1,684)	1,010* (1,516)	1,010* (1,516)	1,010* (1,516)	-	-	1,040* (1,560)
Commercial	2011-2011	-	-	101,690* (154,657)	-	-	-	-	-	-	-	101,690* (154,657)
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2009-2031	847* (1,381)	635,463 (770,223)	784,737 (699,453)	621,763 (422,882)	592,676 (398,123)	592,499 (398,059)	547,680 (378,952)	232,710 (279,470)	175,062* (282,949)	-	392,010 (293,260)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2031	847* (1,381)	635,463 (770,223)	886,427 (715,906)	623,110 (422,887)	593,798 (398,126)	593,509 (398,062)	548,690 (378,955)	233,316 (279,472)	175,062* (282,949)	-	397,109 (293,332)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-346 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2026	-	-	-	4,496* (6,749)	3,747* (5,624)	3,372* (5,062)	3,372* (5,062)	3,372* (5,062)	-	-	3,472* (5,212)
Commercial	2011-2011	-	-	336,002* (516,187)	-	-	-	-	-	-	-	336,002* (516,187)
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2009-2031	886* (1,446)	2,118,915 (2,572,809)	2,617,470 (2,336,483)	1,999,810 (1,394,144)	1,902,662 (1,310,646)	1,902,071 (1,310,511)	1,796,006 (1,263,150)	769,530 (933,143)	581,003* (944,976)	-	1,286,702 (978,181)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2031	886* (1,446)	2,118,915 (2,572,809)	2,953,472 (2,391,575)	2,004,307 (1,394,161)	1,906,409 (1,310,658)	1,905,444 (1,310,521)	1,799,378 (1,263,161)	771,553 (933,148)	581,003* (944,976)	-	1,303,575 (978,423)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-347

EECBG BPA, Buildings and Facilities

EECBG-Attributable Energy Savings by Sector and Year, Row Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	8.6% (0.0%)	7.2% (0.0%)	6.5% (0.0%)	38.8% (0.0%)	38.8% (0.0%)	-	-	100.0% (0.0%)
Commercial	-	-	100.0% (0.0%)	-	-	-	-	-	-	-	100.0% (0.0%)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	7.2% (7.3%)	8.8% (6.8%)	6.8% (1.5%)	6.4% (1.4%)	6.4% (1.4%)	36.4% (7.5%)	26.0% (18.2%)	2.0% (2.3%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	7.1% (7.2%)	9.9% (7.2%)	6.7% (1.5%)	6.4% (1.4%)	6.4% (1.4%)	36.0% (7.3%)	25.7% (18.1%)	1.9% (2.3%)	-	100.0% (0.0%)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-348 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Sector and Year, Column Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total	
Residential	-	-	-	0.2%* (0.4%)	0.2%* (0.3%)	0.2%* (0.3%)	0.2%* (0.3%)	0.3%* (0.5%)	-	-	0.2%* (0.3%)	
Commercial	-	-	11.4%* (17.9%)	-	-	-	-	-	-	-	1.1%* (1.9%)	
Industrial	-	-	-	-	-	-	-	-	-	-	-	
Public Institutional	100.0% (0.0%)	100.0% (0.0%)	88.6% (17.9%)	99.8% (0.4%)	99.8% (0.3%)	99.8% (0.3%)	99.8% (0.3%)	99.7% (0.5%)	100.0% (0.0%)	-	98.7% (2.0%)	
Private Institutional	-	-	-	-	-	-	-	-	-	-	-	
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-349 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	4,570* (6,860)	29,339* (45,283)	-	2,576,082 (1,973,532)	-	2,609,991 (1,974,021)
Natural Gas, Units=KTherms	-	16* (24)	-	2,263 (2,702)	-	2,279 (2,702)
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	15,595* (23,406)	101,690* (154,657)	-	9,016,231 (6,744,980)	-	9,133,516 (6,746,635)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-350 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	52,084* (78,174)	334,345* (516,047)	-	29,357,235 (22,490,532)	-	29,743,664 (22,496,097)
Natural Gas	-	1,657* (2,487)	-	236,915 (282,940)	-	238,571 (282,951)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	52,084* (78,174)	336,002* (516,187)	-	29,594,150 (22,498,172)	-	29,982,236 (22,503,725)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-351 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	305* (457)	29,339* (45,283)	-	117,095 (89,706)	-	118,636 (89,728)
Natural Gas, Units=KTherms	-	16* (24)	-	98 (117)	-	99 (117)
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	1,040* (1,560)	101,690* (154,657)	-	392,010 (293,260)	-	397,109 (293,332)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-352 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	3,472 [*] (5,212)	334,345 [*] (516,047)	-	1,334,420 (1,022,297)	-	1,351,985 (1,022,550)
Natural Gas	-	1,657 [*] (2,487)	-	10,301 (12,302)	-	10,373 (12,302)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	3,472 [*] (5,212)	336,002 [*] (516,187)	-	1,286,702 (978,181)	-	1,303,575 (978,423)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-353 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	0.2% [*] (0.3%)	1.1% [*] (1.9%)	-	98.7% (2.0%)	-	100.0% (0.0%)
Natural Gas	-	0.7% [*] (1.3%)	-	99.3% (1.3%)	-	100.0% (0.0%)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	0.2% [*] (0.3%)	1.1% [*] (1.9%)	-	98.7% (2.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-354 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	100.0% (0.0%)	99.5% (1.0%)	-	99.2% (1.1%)	-	99.2% (1.1%)
Natural Gas	-	0.5%* (1.0%)	-	0.8%* (1.1%)	-	0.8%* (1.1%)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-355 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	-	-	-	-	-	-	-	-	-	-
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

KTherms = 1,000 Therms.

**Table M-356 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

**Table M-357 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	n/a	-	-	-	-	-	-	-	-	-	-	-
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-

Note:
There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"n/a" indicates not applicable.
KTherms = 1,000 Therms.

**Table M-358 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	n/a	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	n/a	-	-	-	-	-	-	-	-	-	-	-

Note:
 There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "n/a" indicates not applicable.

**Table M-359 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

Table M-360

**EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

Table M-361 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

Table M-362 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

**Table M-363 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	n/a	-	-	-	-	-	-	-	-	-	-	-
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	n/a	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"n/a" indicates not applicable.

**Table M-364 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	n/a	-	-	-	-	-	-	-	-	-	-	-
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	n/a	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"n/a" indicates not applicable.

Table M-365 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

Table M-366 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

**Table M-367 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	-	-	-	-	-	-
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	-	-	-	-

Note:
 There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 KTherms = 1,000 Therms.

**Table M-368 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

**Table M-369 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	-	-	-	-	-	-
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	-	-	-	-

Note:
There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
KTherms = 1,000 Therms.

**Table M-370 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	-	-	-	-	-	-

Note:
 There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.

**Table M-371 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

**Table M-372 EECBG BPA, Buildings and Facilities
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	-	-	-	-	-	-

Note:
 There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.

Table M-373 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	185,796 (225,778)	258,882 (209,882)	172,800 (121,847)	164,209 (114,503)	164,125 (114,494)	939,392 (664,673)	673,952 (818,781)	50,835* (82,921)	-	2,609,991 (1,974,021)
Natural Gas, Units=KTherms	8* (14)	15* (25)	31 (34)	335* (473)	335* (473)	335* (473)	868 (1,052)	335* (542)	16* (26)	-	2,279 (2,702)
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	847* (1,381)	635,463 (770,223)	886,427 (715,906)	623,110 (422,887)	593,798 (398,126)	593,509 (398,062)	3,292,138 (2,273,730)	2,333,162 (2,794,716)	175,062* (282,949)	-	9,133,516 (6,746,635)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

Table M-374 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	2,117,342 (2,572,982)	2,950,242 (2,391,834)	1,969,240 (1,388,582)	1,871,342 (1,304,881)	1,870,377 (1,304,779)	10,705,389 (7,574,668)	7,680,410 (9,330,889)	579,323* (944,972)	-	29,743,664 (22,496,097)
Natural Gas	886* (1,446)	1,573* (2,567)	3,230 (3,574)	35,067* (49,549)	35,067* (49,549)	35,067* (49,549)	90,880 (110,160)	35,120* (56,772)	1,680* (2,741)	-	238,571 (282,951)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	886* (1,446)	2,118,915 (2,572,809)	2,953,472 (2,391,575)	2,004,307 (1,394,161)	1,906,409 (1,310,658)	1,905,444 (1,310,521)	10,796,269 (7,578,963)	7,715,530 (9,331,477)	581,003* (944,976)	-	29,982,236 (22,503,725)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-375 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2010-2031	-	185,796 (225,778)	258,882 (209,882)	172,800 (121,847)	164,209 (114,503)	164,125 (114,494)	156,565 (110,779)	67,395 (81,878)	50,835* (82,921)	-	118,636 (89,728)
Natural Gas, Units=KTherms	2009-2031	8* (14)	15* (25)	31 (34)	335* (473)	335* (473)	335* (473)	145 (175)	34* (54)	16* (26)	-	99 (117)
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2009-2031	847* (1,381)	635,463 (770,223)	886,427 (715,906)	623,110 (422,887)	593,798 (398,126)	593,509 (398,062)	548,690 (378,955)	233,316 (279,472)	175,062* (282,949)	-	397,109 (293,332)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

Table M-376 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2010-2031	-	2,117,342 (2,572,982)	2,950,242 (2,391,834)	1,969,240 (1,388,582)	1,871,342 (1,304,881)	1,870,377 (1,304,779)	1,784,232 (1,262,445)	768,041 (933,089)	579,323* (944,972)	-	1,351,985 (1,022,550)
Natural Gas	2009-2031	886* (1,446)	1,573* (2,567)	3,230 (3,574)	35,067* (49,549)	35,067* (49,549)	35,067* (49,549)	15,147 (18,360)	3,512* (5,677)	1,680* (2,741)	-	10,373 (12,302)
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2031	886* (1,446)	2,118,915 (2,572,809)	2,953,472 (2,391,575)	2,004,307 (1,394,161)	1,906,409 (1,310,658)	1,905,444 (1,310,521)	1,799,378 (1,263,161)	771,553 (933,148)	581,003* (944,976)	-	1,303,575 (978,423)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-377 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	7.1% (7.2%)	9.9% (7.2%)	6.6% (1.4%)	6.3% (1.3%)	6.3% (1.3%)	36.0% (7.4%)	25.8% (18.2%)	1.9% (2.3%)	-	100.0% (0.0%)
Natural Gas	0.4%* (0.5%)	0.7%* (1.0%)	1.4%* (1.8%)	14.7% (7.5%)	14.7% (7.5%)	14.7% (7.5%)	38.1% (2.5%)	14.7%* (21.2%)	0.7%* (1.0%)	-	100.0% (0.0%)
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	7.1% (7.2%)	9.9% (7.2%)	6.7% (1.5%)	6.4% (1.4%)	6.4% (1.4%)	36.0% (7.3%)	25.7% (18.1%)	1.9% (2.3%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-378 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total	
Electricity	-	99.9% (0.2%)	99.9% (0.2%)	98.3% (2.6%)	98.2% (2.7%)	98.2% (2.7%)	99.2% (1.2%)	99.5% (0.9%)	99.7% (0.7%)	-	99.2% (1.1%)	
Natural Gas	100.0% (0.0%)	0.1%* (0.2%)	0.1%* (0.2%)	1.7%* (2.6%)	1.8%* (2.7%)	1.8%* (2.7%)	0.8%* (1.2%)	0.5%* (0.9%)	0.3%* (0.7%)	-	0.8%* (1.1%)	
Oil	-	-	-	-	-	-	-	-	-	-	-	
Propane	-	-	-	-	-	-	-	-	-	-	-	
Kerosene	-	-	-	-	-	-	-	-	-	-	-	
Wood	-	-	-	-	-	-	-	-	-	-	-	
Diesel	-	-	-	-	-	-	-	-	-	-	-	
Ethanol	-	-	-	-	-	-	-	-	-	-	-	
Gasoline	-	-	-	-	-	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-	-	-	-	
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-379

EECBG BPA, Buildings and Facilities

EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	1,346* (2,021)	1,122* (1,684)	1,010* (1,516)	6,058* (9,093)	6,058* (9,093)	-	-	15,595* (23,406)
Commercial	-	-	101,690* (154,657)	-	-	-	-	-	-	-	101,690* (154,657)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	847* (1,381)	635,463 (770,223)	784,737 (699,453)	621,763 (422,882)	592,676 (398,123)	592,499 (398,059)	3,286,080 (2,273,712)	2,327,104 (2,794,701)	175,062* (282,949)	-	9,016,231 (6,744,980)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	847* (1,381)	635,463 (770,223)	886,427 (715,906)	623,110 (422,887)	593,798 (398,126)	593,509 (398,062)	3,292,138 (2,273,730)	2,333,162 (2,794,716)	175,062* (282,949)	-	9,133,516 (6,746,635)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

Table M-380

EECBG BPA, Buildings and Facilities

EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	4,496* (6,749)	3,747* (5,624)	3,372* (5,062)	20,234* (30,370)	20,234* (30,370)	-	-	52,084* (78,174)
Commercial	-	-	336,002* (516,187)	-	-	-	-	-	-	-	336,002* (516,187)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	886* (1,446)	2,118,915 (2,572,809)	2,617,470 (2,336,483)	1,999,810 (1,394,144)	1,902,662 (1,310,646)	1,902,071 (1,310,511)	10,776,035 (7,578,903)	7,695,296 (9,331,427)	581,003* (944,976)	-	29,594,150 (22,498,172)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	886* (1,446)	2,118,915 (2,572,809)	2,953,472 (2,391,575)	2,004,307 (1,394,161)	1,906,409 (1,310,658)	1,905,444 (1,310,521)	10,796,269 (7,578,963)	7,715,530 (9,331,477)	581,003* (944,976)	-	29,982,236 (22,503,725)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-381 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2026	-	-	-	1,346* (2,021)	1,122* (1,684)	1,010* (1,516)	1,010* (1,516)	1,010* (1,516)	-	-	1,040* (1,560)
Commercial	2011-2011	-	-	101,690* (154,657)	-	-	-	-	-	-	-	101,690* (154,657)
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2009-2031	847* (1,381)	635,463 (770,223)	784,737 (699,453)	621,763 (422,882)	592,676 (398,123)	592,499 (398,059)	547,680 (378,952)	232,710 (279,470)	175,062* (282,949)	-	392,010 (293,260)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2031	847* (1,381)	635,463 (770,223)	886,427 (715,906)	623,110 (422,887)	593,798 (398,126)	593,509 (398,062)	548,690 (378,955)	233,316 (279,472)	175,062* (282,949)	-	397,109 (293,332)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-382 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2026	-	-	-	4,496* (6,749)	3,747* (5,624)	3,372* (5,062)	3,372* (5,062)	3,372* (5,062)	-	-	3,472* (5,212)
Commercial	2011-2011	-	-	336,002* (516,187)	-	-	-	-	-	-	-	336,002* (516,187)
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2009-2031	886* (1,446)	2,118,915 (2,572,809)	2,617,470 (2,336,483)	1,999,810 (1,394,144)	1,902,662 (1,310,646)	1,902,071 (1,310,511)	1,796,006 (1,263,150)	769,530 (933,143)	581,003* (944,976)	-	1,286,702 (978,181)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2009-2031	886* (1,446)	2,118,915 (2,572,809)	2,953,472 (2,391,575)	2,004,307 (1,394,161)	1,906,409 (1,310,658)	1,905,444 (1,310,521)	1,799,378 (1,263,161)	771,553 (933,148)	581,003* (944,976)	-	1,303,575 (978,423)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-383 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	8.6% (0.0%)	7.2% (0.0%)	6.5% (0.0%)	38.8% (0.0%)	38.8% (0.0%)	-	-	100.0% (0.0%)
Commercial	-	-	100.0% (0.0%)	-	-	-	-	-	-	-	100.0% (0.0%)
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	7.2% (7.3%)	8.8% (6.8%)	6.8% (1.5%)	6.4% (1.4%)	6.4% (1.4%)	36.4% (7.5%)	26.0% (18.2%)	2.0% (2.3%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	7.1% (7.2%)	9.9% (7.2%)	6.7% (1.5%)	6.4% (1.4%)	6.4% (1.4%)	36.0% (7.3%)	25.7% (18.1%)	1.9% (2.3%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-384 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total	
Residential	-	-	-	0.2%* (0.4%)	0.2%* (0.3%)	0.2%* (0.3%)	0.2%* (0.3%)	0.3%* (0.5%)	-	-	0.2%* (0.3%)	
Commercial	-	-	11.4%* (17.9%)	-	-	-	-	-	-	-	1.1%* (1.9%)	
Industrial	-	-	-	-	-	-	-	-	-	-	-	
Public Institutional	100.0% (0.0%)	100.0% (0.0%)	88.6% (17.9%)	99.8% (0.4%)	99.8% (0.3%)	99.8% (0.3%)	99.8% (0.3%)	99.7% (0.5%)	100.0% (0.0%)	-	98.7% (2.0%)	
Private Institutional	-	-	-	-	-	-	-	-	-	-	-	
Total	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-385 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	4,570* (6,860)	29,339* (45,283)	-	2,576,082 (1,973,532)	-	2,609,991 (1,974,021)
Natural Gas, Units=KTherms	-	16* (24)	-	2,263 (2,702)	-	2,279 (2,702)
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	15,595* (23,406)	101,690* (154,657)	-	9,016,231 (6,744,980)	-	9,133,516 (6,746,635)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

Table M-386

EECBG BPA, Buildings and Facilities

EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	52,084* (78,174)	334,345* (516,047)	-	29,357,235 (22,490,532)	-	29,743,664 (22,496,097)
Natural Gas	-	1,657* (2,487)	-	236,915 (282,940)	-	238,571 (282,951)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	52,084* (78,174)	336,002* (516,187)	-	29,594,150 (22,498,172)	-	29,982,236 (22,503,725)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-387 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	305* (457)	29,339* (45,283)	-	117,095 (89,706)	-	118,636 (89,728)
Natural Gas, Units=KTherms	-	16* (24)	-	98 (117)	-	99 (117)
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	1,040* (1,560)	101,690* (154,657)	-	392,010 (293,260)	-	397,109 (293,332)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

Table M-388 EECBG BPA, Buildings and Facilities
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	3,472* (5,212)	334,345* (516,047)	-	1,334,420 (1,022,297)	-	1,351,985 (1,022,550)
Natural Gas	-	1,657* (2,487)	-	10,301 (12,302)	-	10,373 (12,302)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	3,472* (5,212)	336,002* (516,187)	-	1,286,702 (978,181)	-	1,303,575 (978,423)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-389 **EECBG BPA, Buildings and Facilities**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	0.2%* (0.3%)	1.1%* (1.9%)	-	98.7% (2.0%)	-	100.0% (0.0%)
Natural Gas	-	0.7%* (1.3%)	-	99.3% (1.3%)	-	100.0% (0.0%)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	0.2%* (0.3%)	1.1%* (1.9%)	-	98.7% (2.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-390 **EECBG BPA, Buildings and Facilities**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	100.0% (0.0%)	99.5% (1.0%)	-	99.2% (1.1%)	-	99.2% (1.1%)
Natural Gas	-	0.5%* (1.0%)	-	0.8%* (1.1%)	-	0.8%* (1.1%)
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-391 EECBG BPA, Buildings and Facilities
EECBG-Attributable Bill Savings by Fuel Type and Year, Total Estimates, in Thousand 2009 Dollars

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	\$18,682	\$26,148	\$17,443	\$16,530	\$16,440	\$91,958	\$66,331	\$5,100*	-	\$258,631
Natural Gas	\$7*	\$13*	\$26	\$247*	\$249*	\$251*	\$661	\$278*	\$14*	-	\$1,746
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	\$7*	\$18,695	\$26,174	\$17,690	\$16,779	\$16,691	\$92,618	\$66,609	\$5,115*	-	\$260,377

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-392 EECBG BPA, Buildings and Facilities
EECBG-Attributable Bill Savings by Fuel Type and Year, Row Percent Estimates, in Thousand 2009 Dollars

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	7.2%	10.1%	6.7%	6.4%	6.4%	35.6%	25.6%	2.0%	-	100.0%
Natural Gas	0.4%*	0.7%*	1.5%*	14.2%	14.3%	14.4%	37.8%	15.9%*	0.8%*	-	100.0%
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	7.2%	10.1%	6.8%	6.4%	6.4%	35.6%	25.6%	2.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-393 EECBG BPA, Buildings and Facilities
EECBG-Attributable Bill Savings by Fuel Type and Year, Column Percent Estimates, in Thousand 2009 Dollars

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	99.9%	99.9%	98.6%	98.5%	98.5%	99.3%	99.6%	99.7%	-	99.3%
Natural Gas	100.0%	0.1%*	0.1%*	1.4%*	1.5%*	1.5%*	0.7%*	0.4%*	0.3%*	-	0.7%*
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-394 EECBG BPA, Buildings and Facilities
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Original Site Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	\$100.55	\$101.00	\$100.94	\$100.66	\$100.17	\$97.89	\$98.42	\$100.33*	-	\$99.09
Natural Gas, Units=KTherms	\$839.21*	\$850.18*	\$840.70	\$738.41*	\$744.13*	\$749.89*	\$760.98	\$827.66*	\$893.75*	-	\$766.27
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	\$8.39*	\$29.42	\$29.53	\$28.39	\$28.26	\$28.12	\$28.13	\$28.55	\$29.22*	-	\$28.51

Note:
Standard errors estimates are not reported.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-395

EECBG BPA, Buildings and Facilities

EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	\$8.82	\$8.86	\$8.86	\$8.83	\$8.79	\$8.59	\$8.64	\$8.80*	-	\$8.70
Natural Gas	\$8.02*	\$8.12*	\$8.03	\$7.05*	\$7.11*	\$7.16*	\$7.27	\$7.91*	\$8.54*	-	\$7.32
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	\$8.02*	\$8.82	\$8.86	\$8.83	\$8.80	\$8.76	\$8.58	\$8.63	\$8.80*	-	\$8.68

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-396 EECBG BPA, Buildings and Facilities
EECBG-Attributable Bill Savings by Sector and Year, Total Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	\$64*	\$53*	\$48*	\$285*	\$286*	-	-	\$736*
Commercial	-	-	\$3,027*	-	-	-	-	-	-	-	\$3,027*
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	\$7*	\$18,695	\$23,147	\$17,626	\$16,726	\$16,643	\$92,333	\$66,323	\$5,115*	-	\$256,614
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	\$7*	\$18,695	\$26,174	\$17,690	\$16,779	\$16,691	\$92,618	\$66,609	\$5,115*	-	\$260,377

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-397 EECBG BPA, Buildings and Facilities
EECBG-Attributable Bill Savings by Sector and Year, Row Percent Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	8.7%	7.2%	6.5%	38.7%	38.8%	-	-	100.0%
Commercial	-	-	100.0%	-	-	-	-	-	-	-	100.0%
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	7.3%	9.0%	6.9%	6.5%	6.5%	36.0%	25.8%	2.0%	-	100.0%
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	7.2%	10.1%	6.8%	6.4%	6.4%	35.6%	25.6%	2.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-398 EECBG BPA, Buildings and Facilities
EECBG-Attributable Bill Savings by Sector and Year, Column Percent Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	0.4%*	0.3%*	0.3%*	0.3%*	0.4%*	-	-	0.3%*
Commercial	-	-	11.6%*	-	-	-	-	-	-	-	1.2%*
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	100.0%	100.0%	88.4%	99.6%	99.7%	99.7%	99.7%	99.6%	100.0%	-	98.6%
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-399 EECBG BPA, Buildings and Facilities
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	\$47.60*	\$47.51*	\$47.42*	\$47.10*	\$47.18*	-	-	\$47.23*
Commercial	-	-	\$29.77*	-	-	-	-	-	-	-	\$29.77*
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	\$8.39*	\$29.42	\$29.50	\$28.35	\$28.22	\$28.09	\$28.10	\$28.50	\$29.22*	-	\$28.46
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	\$8.39*	\$29.42	\$29.53	\$28.39	\$28.26	\$28.12	\$28.13	\$28.55	\$29.22*	-	\$28.51

Note:
Standard errors estimates are not reported.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-400 EECBG BPA, Buildings and Facilities
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	\$14.25*	\$14.23*	\$14.20*	\$14.10*	\$14.13*	-	-	\$14.14*
Commercial	-	-	\$9.01*	-	-	-	-	-	-	-	\$9.01*
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	\$8.02*	\$8.82	\$8.84	\$8.81	\$8.79	\$8.75	\$8.57	\$8.62	\$8.80*	-	\$8.67
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	\$8.02*	\$8.82	\$8.86	\$8.83	\$8.80	\$8.76	\$8.58	\$8.63	\$8.80*	-	\$8.68

Note:
Standard errors estimates are not reported.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-401 **EECBG BPA, Buildings and Facilities**
EECBG-Attributable Bill Savings by Fuel Type and Sector, Total Estimates, in Thousand 2009 Dollars

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	\$736*	\$3,014*	-	\$254,881	-	\$258,631
Natural Gas	-	\$13*	-	\$1,733	-	\$1,746
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	\$736*	\$3,027*	-	\$256,614	-	\$260,377

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-402 **EECBG BPA, Buildings and Facilities**
EECBG-Attributable Bill Savings by Fuel Type and Sector, Row Percent Estimates, in Thousand 2009 Dollars

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	0.3%*	1.2%*	-	98.6%	-	100.0%
Natural Gas	-	0.8%*	-	99.2%	-	100.0%
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	0.3%*	1.2%*	-	98.6%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-403 EECBG BPA, Buildings and Facilities
EECBG-Attributable Bill Savings by Fuel Type and Sector, Column Percent Estimates, in Thousand 2009 Dollars**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	100.0%	99.6%	-	99.3%	-	99.3%
Natural Gas	-	0.4%*	-	0.7%*	-	0.7%*
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0%	100.0%	-	100.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-404 EECBG BPA, Buildings and Facilities
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	\$161.14*	\$102.72*	-	\$98.94	-	\$99.09
Natural Gas, Units=KTherms	-	\$851.19*	-	\$765.67	-	\$766.27
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	\$47.23*	\$29.77*	-	\$28.46	-	\$28.51

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-405 EECBG BPA, Buildings and Facilities
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	\$14.14*	\$9.01*	-	\$8.68	-	\$8.70
Natural Gas	-	\$8.13*	-	\$7.31	-	\$7.32
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	\$14.14*	\$9.01*	-	\$8.67	-	\$8.68

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-406 EECBG BPA, Lighting
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	4,932 (5,599)	101,200 (67,216)	439,220 (545,499)	459,533 (546,200)	440,107* (550,939)	710,491 (438,085)	669,090 (434,236)	-	-	2,824,573 (2,516,643)
Natural Gas, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	11,810,074* (19,173,540)	19,683,457* (31,955,900)	-	-	39,366,914* (63,911,801)
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	16,827 (19,103)	2,313,654* (3,183,281)	3,467,025 (3,678,583)	3,536,335 (3,682,038)	3,470,054 (3,705,743)	14,234,371* (19,219,349)	21,966,486* (31,981,969)	-	-	49,004,752* (64,398,402)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-407 EECBG BPA, Lighting
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	56,200 (63,802)	1,153,283 (765,994)	5,005,384 (6,216,551)	5,236,869 (6,224,540)	5,015,499* (6,278,541)	8,096,818 (4,992,457)	7,625,005 (4,948,591)	-	-	32,189,059 (28,679,859)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	11,928,175* (19,365,276)	19,880,292* (32,275,459)	-	-	39,760,583* (64,550,919)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	56,200 (63,802)	3,141,312 (3,249,847)	6,993,413 (6,969,626)	7,224,898 (6,980,745)	7,003,528 (7,056,383)	20,024,993 (19,958,300)	27,505,297 (32,625,308)	-	-	71,949,642 (70,364,961)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-408 EECBG BPA, Lighting
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2010-2030	-	4,932 (5,599)	101,200 (67,216)	439,220 (545,499)	459,533 (546,200)	440,107* (550,939)	118,415 (73,014)	66,909 (43,424)	-	-	134,503 (119,840)
Natural Gas, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	2011-2030	-	-	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	-	-	1,968,346* (3,195,590)
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2010-2030	-	16,827 (19,103)	2,313,654* (3,183,281)	3,467,025 (3,678,583)	3,536,335 (3,682,038)	3,470,054 (3,705,743)	2,372,395* (3,203,225)	2,196,649* (3,198,197)	-	-	2,333,560* (3,066,591)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

Table M-409 EECBG BPA, Lighting
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2010-2030	-	56,200 (63,802)	1,153,283 (765,994)	5,005,384 (6,216,551)	5,236,869 (6,224,540)	5,015,499* (6,278,541)	1,349,470 (832,076)	762,501 (494,859)	-	-	1,532,812 (1,365,708)
Natural Gas	n/a	-	-	-	-	-	-	-	-	-	-	-
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	2011-2030	-	-	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	-	-	1,988,029* (3,227,546)
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2030	-	56,200 (63,802)	3,141,312 (3,249,847)	6,993,413 (6,969,626)	7,224,898 (6,980,745)	7,003,528 (7,056,383)	3,337,499 (3,326,383)	2,750,530 (3,262,531)	-	-	3,426,173 (3,350,712)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-410 EECBG BPA, Lighting
Overall Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	0.2% [*] (0.2%)	3.6% (1.4%)	15.5% (6.2%)	16.3% (5.4%)	15.6% (6.0%)	25.2% (9.0%)	23.7% (7.9%)	-	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	-	-	100.0% (0.0%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.1% [*] (0.1%)	4.4% (1.0%)	9.7% (6.5%)	10.0% (6.6%)	9.7% (6.5%)	27.8% (5.3%)	38.2% (13.9%)	-	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-411 EECBG BPA, Lighting
Overall Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	100.0% (0.0%)	36.7% (42.0%)	71.6% (41.8%)	72.5% (40.3%)	71.6% (41.7%)	40.4% (41.9%)	27.7%* (35.1%)	-	-	44.7% (46.0%)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	63.3% (42.0%)	28.4%* (41.8%)	27.5%* (40.3%)	28.4%* (41.7%)	59.6% (41.9%)	72.3% (35.1%)	-	-	55.3% (46.0%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-412 EECBG BPA, Lighting
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	-	-	-	-	-	-	-	-	-	-
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

KTherms = 1,000 Therms.

Table M-413 EECBG BPA, Lighting
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

**Table M-414 EECBG BPA, Lighting
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	n/a	-	-	-	-	-	-	-	-	-	-	-
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-

Note:
There is no estimated renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"n/a" indicates not applicable.
KTherms = 1,000 Therms.

**Table M-415 EECBG BPA, Lighting
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	n/a	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	n/a	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"n/a" indicates not applicable.

Table M-416 **EECBG BPA, Lighting**
Overall Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:
There is no estimated renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.

Table M-417 EECBG BPA, Lighting
Overall Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:
There is no estimated renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.

Table M-418 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	4,932 (5,599)	101,139 (67,215)	438,040* (545,461)	453,009 (546,248)	429,347* (552,155)	651,822 (448,017)	626,984 (443,883)	-	-	2,705,273 (2,536,405)
Natural Gas, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	11,810,074* (19,173,540)	19,683,457* (31,955,900)	-	-	39,366,914* (63,911,801)
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	16,827 (19,103)	2,313,445* (3,183,281)	3,462,999 (3,678,516)	3,514,077 (3,682,120)	3,433,338 (3,709,615)	14,034,181* (19,234,385)	21,822,814* (31,991,773)	-	-	48,597,683* (64,429,975)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

Table M-419 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	56,200 (63,802)	1,152,586 (765,982)	4,991,938* (6,216,113)	5,162,532 (6,225,083)	4,892,873* (6,292,406)	7,428,213 (5,105,634)	7,145,160 (5,058,524)	-	-	30,829,502 (28,905,077)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	11,928,175* (19,365,276)	19,880,292* (32,275,459)	-	-	39,760,583* (64,550,919)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	56,200 (63,802)	3,140,615 (3,249,844)	6,979,967 (6,969,235)	7,150,561 (6,981,229)	6,880,902 (7,071,846)	19,356,388 (20,027,017)	27,025,452 (32,669,465)	-	-	70,590,085 (70,526,559)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-420 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2010-2030	-	4,932 (5,599)	101,139 (67,215)	438,040* (545,461)	453,009 (546,248)	429,347* (552,155)	108,637 (74,669)	62,698 (44,388)	-	-	128,823 (120,781)
Natural Gas, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	2011-2030	-	-	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	-	-	1,968,346* (3,195,590)
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2010-2030	-	16,827 (19,103)	2,313,445* (3,183,281)	3,462,999 (3,678,516)	3,514,077 (3,682,120)	3,433,338 (3,709,615)	2,339,030* (3,205,731)	2,182,281* (3,199,177)	-	-	2,314,175* (3,068,094)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-421 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2010-2030	-	56,200 (63,802)	1,152,586 (765,982)	4,991,938* (6,216,113)	5,162,532 (6,225,083)	4,892,873* (6,292,406)	1,238,036 (850,939)	714,516 (505,852)	-	-	1,468,072 (1,376,432)
Natural Gas	n/a	-	-	-	-	-	-	-	-	-	-	-
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	2011-2030	-	-	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	-	-	1,988,029* (3,227,546)
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2030	-	56,200 (63,802)	3,140,615 (3,249,844)	6,979,967 (6,969,235)	7,150,561 (6,981,229)	6,880,902 (7,071,846)	3,226,065 (3,337,836)	2,702,545 (3,266,946)	-	-	3,361,433 (3,358,408)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-422 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	0.2% [*] (0.3%)	3.7% (1.6%)	16.2% (6.0%)	16.7% (5.1%)	15.9% (6.0%)	24.1% (8.5%)	23.2% (7.7%)	-	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	-	-	100.0% (0.0%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.1% [*] (0.1%)	4.4% (1.0%)	9.9% (6.7%)	10.1% (6.7%)	9.7% (6.6%)	27.4% (5.4%)	38.3% (14.1%)	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-423 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	100.0% (0.0%)	36.7% (42.0%)	71.5% (41.9%)	72.2% (40.8%)	71.1% (42.6%)	38.4% (41.7%)	26.4%* (34.4%)	-	-	43.7% (46.3%)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	63.3% (42.0%)	28.5%* (41.9%)	27.8%* (40.8%)	28.9%* (42.6%)	61.6% (41.7%)	73.6% (34.4%)	-	-	56.3% (46.3%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-424 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	11,810,074* (19,173,540)	19,683,457* (31,955,900)	-	-	39,366,914* (63,911,801)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	16,827 (19,103)	345,100 (229,345)	1,494,654* (1,861,188)	1,545,732 (1,863,874)	1,464,992* (1,884,031)	2,224,107 (1,528,696)	2,139,357 (1,514,590)	-	-	9,230,769 (8,654,570)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	16,827 (19,103)	2,313,445* (3,183,281)	3,462,999 (3,678,516)	3,514,077 (3,682,120)	3,433,338 (3,709,615)	14,034,181* (19,234,385)	21,822,814* (31,991,773)	-	-	48,597,683* (64,429,975)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

Table M-425 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	11,928,175* (19,365,276)	19,880,292* (32,275,459)	-	-	39,760,583* (64,550,919)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	56,200 (63,802)	1,152,586 (765,982)	4,991,938* (6,216,113)	5,162,532 (6,225,083)	4,892,873* (6,292,406)	7,428,213 (5,105,634)	7,145,160 (5,058,524)	-	-	30,829,502 (28,905,077)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	56,200 (63,802)	3,140,615 (3,249,844)	6,979,967 (6,969,235)	7,150,561 (6,981,229)	6,880,902 (7,071,846)	19,356,388 (20,027,017)	27,025,452 (32,669,465)	-	-	70,590,085 (70,526,559)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-426 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2011-2030	-	-	1,968,346 [*] (3,195,590)	1,968,346 [*] (3,195,590)	1,968,346 [*] (3,195,590)	1,968,346 [*] (3,195,590)	1,968,346 [*] (3,195,590)	1,968,346 [*] (3,195,590)	-	-	1,968,346 [*] (3,195,590)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2010-2030	-	16,827 (19,103)	345,100 (229,345)	1,494,654 [*] (1,861,188)	1,545,732 (1,863,874)	1,464,992 [*] (1,884,031)	370,685 (254,783)	213,936 (151,459)	-	-	439,560 (412,122)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2030	-	16,827 (19,103)	2,313,445 [*] (3,183,281)	3,462,999 (3,678,516)	3,514,077 (3,682,120)	3,433,338 (3,709,615)	2,339,030 [*] (3,205,731)	2,182,281 [*] (3,199,177)	-	-	2,314,175 [*] (3,068,094)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-427 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2011-2030	-	-	1,988,029 [*] (3,227,546)	1,988,029 [*] (3,227,546)	1,988,029 [*] (3,227,546)	1,988,029 [*] (3,227,546)	1,988,029 [*] (3,227,546)	1,988,029 [*] (3,227,546)	-	-	1,988,029 [*] (3,227,546)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2010-2030	-	56,200 (63,802)	1,152,586 (765,982)	4,991,938 [*] (6,216,113)	5,162,532 (6,225,083)	4,892,873 [*] (6,292,406)	1,238,036 (850,939)	714,516 (505,852)	-	-	1,468,072 (1,376,432)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2030	-	56,200 (63,802)	3,140,615 (3,249,844)	6,979,967 (6,969,235)	7,150,561 (6,981,229)	6,880,902 (7,071,846)	3,226,065 (3,337,836)	2,702,545 (3,266,946)	-	-	3,361,433 (3,358,408)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-428 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Sector and Year, Row Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	-	-	100.0% (0.0%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	0.2%* (0.3%)	3.7% (1.6%)	16.2% (6.0%)	16.7% (5.1%)	15.9% (6.0%)	24.1% (8.5%)	23.2% (7.7%)	-	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.1%* (0.1%)	4.4% (1.0%)	9.9% (6.7%)	10.1% (6.7%)	9.7% (6.6%)	27.4% (5.4%)	38.3% (14.1%)	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-429 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Sector and Year, Column Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	63.3% (42.0%)	28.5%* (41.9%)	27.8%* (40.8%)	28.9%* (42.6%)	61.6% (41.7%)	73.6% (34.4%)	-	-	56.3% (46.3%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	100.0% (0.0%)	36.7% (42.0%)	71.5% (41.9%)	72.2% (40.8%)	71.1% (42.6%)	38.4% (41.7%)	26.4%* (34.4%)	-	-	43.7% (46.3%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-430 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	-	-	-	2,705,273 (2,536,405)	-	2,705,273 (2,536,405)
Natural Gas, Units=KTherms	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	39,366,914* (63,911,801)	-	-	-	-	39,366,914* (63,911,801)
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	39,366,914* (63,911,801)	-	-	9,230,769 (8,654,570)	-	48,597,683* (64,429,975)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-431 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	-	-	-	30,829,502 (28,905,077)	-	30,829,502 (28,905,077)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	39,760,583* (64,550,919)	-	-	-	-	39,760,583* (64,550,919)
Other	-	-	-	-	-	-
Total	39,760,583* (64,550,919)	-	-	30,829,502 (28,905,077)	-	70,590,085 (70,526,559)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-432 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Original Site Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	-	-	-	128,823 (120,781)	-	128,823 (120,781)
Natural Gas, Units=KTherms	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	1,968,346* (3,195,590)	-	-	-	-	1,968,346* (3,195,590)
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	1,968,346* (3,195,590)	-	-	439,560 (412,122)	-	2,314,175* (3,068,094)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-433 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	-	-	-	1,468,072 (1,376,432)	-	1,468,072 (1,376,432)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	1,988,029 [*] (3,227,546)	-	-	-	-	1,988,029 [*] (3,227,546)
Other	-	-	-	-	-	-
Total	1,988,029 [*] (3,227,546)	-	-	1,468,072 (1,376,432)	-	3,361,433 (3,358,408)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-434 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	-	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	100.0% (0.0%)	-	-	-	-	100.0% (0.0%)
Other	-	-	-	-	-	-
Total	56.3% (46.3%)	-	-	43.7% (46.3%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-435 EECBG BPA, Lighting
EECBG-Attributable Energy Savings by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	-	-	-	100.0% (0.0%)	-	43.7% (46.3%)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	100.0% (0.0%)	-	-	-	-	56.3% (46.3%)
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-436 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	-	-	-	-	-	-	-	-	-	-
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

KTherms = 1,000 Therms.

Table M-437 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:
There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.

Table M-438 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	n/a	-	-	-	-	-	-	-	-	-	-	-
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-

Note:
There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"n/a" indicates not applicable.
KTherms = 1,000 Therms.

Table M-439 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	n/a	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	n/a	-	-	-	-	-	-	-	-	-	-	-

Note:
There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"n/a" indicates not applicable.

Table M-440 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:
There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.

Table M-441 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	-	-	-	-	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:
 There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.

Table M-442 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

Table M-443

EECBG BPA, Lighting

EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

Table M-444 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	n/a	-	-	-	-	-	-	-	-	-	-	-
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	n/a	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"n/a" indicates not applicable.

Table M-445 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	n/a	-	-	-	-	-	-	-	-	-	-	-
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	n/a	-	-	-	-	-	-	-	-	-	-	-

Note:
There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"n/a" indicates not applicable.

Table M-446 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

Table M-447 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	-	-	-	-	-	-	-	-	-
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

Note:

There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

Table M-448 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	-	-	-	-	-	-
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	-	-	-	-

Note:
There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
KTherms = 1,000 Therms.

Table M-449 **EECBG BPA, Lighting**
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	-	-	-	-	-	-

Note:
There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.

Table M-450 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	-	-	-	-	-	-
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	-	-	-	-

Note:
There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
KTherms = 1,000 Therms.

Table M-451 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	-	-	-	-	-	-

Note:
 There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.

**Table M-452 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	-	-	-	-	-	-

Note:
 There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.

**Table M-453 EECBG BPA, Lighting
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	-	-	-	-	-	-
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	-	-	-	-	-	-

Note:
 There is no estimated EECBG-attributable renewable energy generation for this BPA from this evaluation.
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.

Table M-454 EECBG BPA, Lighting
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	4,932 (5,599)	101,139 (67,215)	438,040* (545,461)	453,009 (546,248)	429,347* (552,155)	651,822 (448,017)	626,984 (443,883)	-	-	2,705,273 (2,536,405)
Natural Gas, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	11,810,074* (19,173,540)	19,683,457* (31,955,900)	-	-	39,366,914* (63,911,801)
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	16,827 (19,103)	2,313,445* (3,183,281)	3,462,999 (3,678,516)	3,514,077 (3,682,120)	3,433,338 (3,709,615)	14,034,181* (19,234,385)	21,822,814* (31,991,773)	-	-	48,597,683* (64,429,975)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

Table M-455 EECBG BPA, Lighting
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	56,200 (63,802)	1,152,586 (765,982)	4,991,938* (6,216,113)	5,162,532 (6,225,083)	4,892,873* (6,292,406)	7,428,213 (5,105,634)	7,145,160 (5,058,524)	-	-	30,829,502 (28,905,077)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	11,928,175* (19,365,276)	19,880,292* (32,275,459)	-	-	39,760,583* (64,550,919)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	56,200 (63,802)	3,140,615 (3,249,844)	6,979,967 (6,969,235)	7,150,561 (6,981,229)	6,880,902 (7,071,846)	19,356,388 (20,027,017)	27,025,452 (32,669,465)	-	-	70,590,085 (70,526,559)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-456 EECBG BPA, Lighting
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2010-2030	-	4,932 (5,599)	101,139 (67,215)	438,040* (545,461)	453,009 (546,248)	429,347* (552,155)	108,637 (74,669)	62,698 (44,388)	-	-	128,823 (120,781)
Natural Gas, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	2011-2030	-	-	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	-	-	1,968,346* (3,195,590)
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2010-2030	-	16,827 (19,103)	2,313,445* (3,183,281)	3,462,999 (3,678,516)	3,514,077 (3,682,120)	3,433,338 (3,709,615)	2,339,030* (3,205,731)	2,182,281* (3,199,177)	-	-	2,314,175* (3,068,094)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

Table M-457 EECBG BPA, Lighting
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2010-2030	-	56,200 (63,802)	1,152,586 (765,982)	4,991,938* (6,216,113)	5,162,532 (6,225,083)	4,892,873* (6,292,406)	1,238,036 (850,939)	714,516 (505,852)	-	-	1,468,072 (1,376,432)
Natural Gas	n/a	-	-	-	-	-	-	-	-	-	-	-
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	2011-2030	-	-	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	-	-	1,988,029* (3,227,546)
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2030	-	56,200 (63,802)	3,140,615 (3,249,844)	6,979,967 (6,969,235)	7,150,561 (6,981,229)	6,880,902 (7,071,846)	3,226,065 (3,337,836)	2,702,545 (3,266,946)	-	-	3,361,433 (3,358,408)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-458 EECBG BPA, Lighting
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	0.2% [*] (0.3%)	3.7% (1.6%)	16.2% (6.0%)	16.7% (5.1%)	15.9% (6.0%)	24.1% (8.5%)	23.2% (7.7%)	-	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	-	-	100.0% (0.0%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.1% [*] (0.1%)	4.4% (1.0%)	9.9% (6.7%)	10.1% (6.7%)	9.7% (6.6%)	27.4% (5.4%)	38.3% (14.1%)	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-459 EECBG BPA, Lighting
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	100.0% (0.0%)	36.7% (42.0%)	71.5% (41.9%)	72.2% (40.8%)	71.1% (42.6%)	38.4% (41.7%)	26.4%* (34.4%)	-	-	43.7% (46.3%)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	63.3% (42.0%)	28.5%* (41.9%)	27.8%* (40.8%)	28.9%* (42.6%)	61.6% (41.7%)	73.6% (34.4%)	-	-	56.3% (46.3%)
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-460

EECBG BPA, Lighting

EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	1,968,346* (3,195,590)	11,810,074* (19,173,540)	19,683,457* (31,955,900)	-	-	39,366,914* (63,911,801)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	16,827 (19,103)	345,100 (229,345)	1,494,654* (1,861,188)	1,545,732 (1,863,874)	1,464,992* (1,884,031)	2,224,107 (1,528,696)	2,139,357 (1,514,590)	-	-	9,230,769 (8,654,570)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	16,827 (19,103)	2,313,445* (3,183,281)	3,462,999 (3,678,516)	3,514,077 (3,682,120)	3,433,338 (3,709,615)	14,034,181* (19,234,385)	21,822,814* (31,991,773)	-	-	48,597,683* (64,429,975)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

Table M-461 EECBG BPA, Lighting
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	11,928,175* (19,365,276)	19,880,292* (32,275,459)	-	-	39,760,583* (64,550,919)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	56,200 (63,802)	1,152,586 (765,982)	4,991,938* (6,216,113)	5,162,532 (6,225,083)	4,892,873* (6,292,406)	7,428,213 (5,105,634)	7,145,160 (5,058,524)	-	-	30,829,502 (28,905,077)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	56,200 (63,802)	3,140,615 (3,249,844)	6,979,967 (6,969,235)	7,150,561 (6,981,229)	6,880,902 (7,071,846)	19,356,388 (20,027,017)	27,025,452 (32,669,465)	-	-	70,590,085 (70,526,559)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-462 EECEBG BPA, Lighting
EECEBG-Attributable Energy Savings and EECEBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2011-2030	-	-	1,968,346 [*] (3,195,590)	1,968,346 [*] (3,195,590)	1,968,346 [*] (3,195,590)	1,968,346 [*] (3,195,590)	1,968,346 [*] (3,195,590)	1,968,346 [*] (3,195,590)	-	-	1,968,346 [*] (3,195,590)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2010-2030	-	16,827 (19,103)	345,100 (229,345)	1,494,654 [*] (1,861,188)	1,545,732 (1,863,874)	1,464,992 [*] (1,884,031)	370,685 (254,783)	213,936 (151,459)	-	-	439,560 (412,122)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2030	-	16,827 (19,103)	2,313,445 [*] (3,183,281)	3,462,999 (3,678,516)	3,514,077 (3,682,120)	3,433,338 (3,709,615)	2,339,030 [*] (3,205,731)	2,182,281 [*] (3,199,177)	-	-	2,314,175 [*] (3,068,094)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-463 EECBG BPA, Lighting
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2011-2030	-	-	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	1,988,029* (3,227,546)	-	-	1,988,029* (3,227,546)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2010-2030	-	56,200 (63,802)	1,152,586 (765,982)	4,991,938* (6,216,113)	5,162,532 (6,225,083)	4,892,873* (6,292,406)	1,238,036 (850,939)	714,516 (505,852)	-	-	1,468,072 (1,376,432)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2030	-	56,200 (63,802)	3,140,615 (3,249,844)	6,979,967 (6,969,235)	7,150,561 (6,981,229)	6,880,902 (7,071,846)	3,226,065 (3,337,836)	2,702,545 (3,266,946)	-	-	3,361,433 (3,358,408)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-464 EECBG BPA, Lighting
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	5.0% (0.0%)	30.0% (0.0%)	50.0% (0.0%)	-	-	100.0% (0.0%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	0.2%* (0.3%)	3.7% (1.6%)	16.2% (6.0%)	16.7% (5.1%)	15.9% (6.0%)	24.1% (8.5%)	23.2% (7.7%)	-	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.1%* (0.1%)	4.4% (1.0%)	9.9% (6.7%)	10.1% (6.7%)	9.7% (6.6%)	27.4% (5.4%)	38.3% (14.1%)	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-465 EECBG BPA, Lighting
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	63.3% (42.0%)	28.5%* (41.9%)	27.8%* (40.8%)	28.9%* (42.6%)	61.6% (41.7%)	73.6% (34.4%)	-	-	56.3% (46.3%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	100.0% (0.0%)	36.7% (42.0%)	71.5% (41.9%)	72.2% (40.8%)	71.1% (42.6%)	38.4% (41.7%)	26.4%* (34.4%)	-	-	43.7% (46.3%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-466 EECBG BPA, Lighting
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	-	-	-	2,705,273 (2,536,405)	-	2,705,273 (2,536,405)
Natural Gas, Units=KTherms	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	39,366,914* (63,911,801)	-	-	-	-	39,366,914* (63,911,801)
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	39,366,914* (63,911,801)	-	-	9,230,769 (8,654,570)	-	48,597,683* (64,429,975)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

Table M-467 EECBG BPA, Lighting
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	-	-	-	30,829,502 (28,905,077)	-	30,829,502 (28,905,077)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	39,760,583* (64,550,919)	-	-	-	-	39,760,583* (64,550,919)
Other	-	-	-	-	-	-
Total	39,760,583* (64,550,919)	-	-	30,829,502 (28,905,077)	-	70,590,085 (70,526,559)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-468 EECBG BPA, Lighting
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	-	-	-	128,823 (120,781)	-	128,823 (120,781)
Natural Gas, Units=KTherms	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	1,968,346* (3,195,590)	-	-	-	-	1,968,346* (3,195,590)
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	1,968,346* (3,195,590)	-	-	439,560 (412,122)	-	2,314,175* (3,068,094)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

Table M-469 **EECBG BPA, Lighting**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	-	-	-	1,468,072 (1,376,432)	-	1,468,072 (1,376,432)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	1,988,029* (3,227,546)	-	-	-	-	1,988,029* (3,227,546)
Other	-	-	-	-	-	-
Total	1,988,029* (3,227,546)	-	-	1,468,072 (1,376,432)	-	3,361,433 (3,358,408)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-470 **EECBG BPA, Lighting**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	-	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	100.0% (0.0%)	-	-	-	-	100.0% (0.0%)
Other	-	-	-	-	-	-
Total	56.3% (46.3%)	-	-	43.7% (46.3%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-471 **EECBG BPA, Lighting**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	-	-	-	100.0% (0.0%)	-	43.7% (46.3%)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	100.0% (0.0%)	-	-	-	-	56.3% (46.3%)
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-472 EECBG BPA, Lighting
EECBG-Attributable Bill Savings by Fuel Type and Year, Total Estimates, in Thousand 2009 Dollars

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	\$484	\$11,639	\$44,227*	\$45,867	\$41,031*	\$66,175	\$64,204	-	-	\$273,628
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	\$40,691*	\$42,682*	\$44,771*	\$46,961*	\$307,238*	\$556,738*	-	-	\$1,039,082*
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$484	\$52,330	\$86,910	\$90,638	\$87,992	\$373,413	\$620,942	-	-	\$1,312,710

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-473 EECBG BPA, Lighting
EECBG-Attributable Bill Savings by Fuel Type and Year, Row Percent Estimates, in Thousand 2009 Dollars

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	0.2%*	4.3%	16.2%	16.8%	15.0%	24.2%	23.5%	-	-	100.0%
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	3.9%	4.1%	4.3%	4.5%	29.6%	53.6%	-	-	100.0%
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	4.0%	6.6%	6.9%	6.7%	28.4%	47.3%	-	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-474 EECBG BPA, Lighting
EECBG-Attributable Bill Savings by Fuel Type and Year, Column Percent Estimates, in Thousand 2009 Dollars

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	100.0%	22.2%	50.9%	50.6%	46.6%	17.7%	10.3%*	-	-	20.8%
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	77.8%	49.1%*	49.4%*	53.4%*	82.3%	89.7%	-	-	79.2%
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-475 EECBG BPA, Lighting
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Original Site Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	\$98.23	\$115.08	\$100.97*	\$101.25	\$95.57*	\$101.52	\$102.40	-	-	\$101.15
Natural Gas, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	\$20.67*	\$21.68*	\$22.75*	\$23.86*	\$26.01*	\$28.28*	-	-	\$26.39*
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	\$28.79	\$22.62*	\$25.10	\$25.79	\$25.63	\$26.61*	\$28.45*	-	-	\$27.01*

Note:
Standard errors estimates are not reported.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-476

EECBG BPA, Lighting

EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	\$8.62	\$10.10	\$8.86*	\$8.88	\$8.39*	\$8.91	\$8.99	-	-	\$8.88
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	\$20.47*	\$21.47*	\$22.52*	\$23.62*	\$25.76*	\$28.00*	-	-	\$26.13*
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$8.62	\$16.66	\$12.45	\$12.68	\$12.79	\$19.29	\$22.98	-	-	\$18.60

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-477 EECBG BPA, Lighting
EECBG-Attributable Bill Savings by Sector and Year, Total Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	\$40,691*	\$42,682*	\$44,771*	\$46,961*	\$307,238*	\$556,738*	-	-	\$1,039,082*
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	\$484	\$11,639	\$44,227*	\$45,867	\$41,031*	\$66,175	\$64,204	-	-	\$273,628
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$484	\$52,330	\$86,910	\$90,638	\$87,992	\$373,413	\$620,942	-	-	\$1,312,710

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-478 EECBG BPA, Lighting
EECBG-Attributable Bill Savings by Sector and Year, Row Percent Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	3.9%	4.1%	4.3%	4.5%	29.6%	53.6%	-	-	100.0%
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	0.2%*	4.3%	16.2%	16.8%	15.0%	24.2%	23.5%	-	-	100.0%
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	4.0%	6.6%	6.9%	6.7%	28.4%	47.3%	-	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-479 **EECBG BPA, Lighting**
EECBG-Attributable Bill Savings by Sector and Year, Column Percent Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	77.8%	49.1%*	49.4%*	53.4%*	82.3%	89.7%	-	-	79.2%
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	100.0%	22.2%	50.9%	50.6%	46.6%	17.7%	10.3%*	-	-	20.8%
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-480 EECBG BPA, Lighting
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	\$20.67*	\$21.68*	\$22.75*	\$23.86*	\$26.01*	\$28.28*	-	-	\$26.39*
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	\$28.79	\$33.73	\$29.59*	\$29.67	\$28.01*	\$29.75	\$30.01	-	-	\$29.64
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$28.79	\$22.62*	\$25.10	\$25.79	\$25.63	\$26.61*	\$28.45*	-	-	\$27.01*

Note:
Standard errors estimates are not reported.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-481 EECBG BPA, Lighting
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	\$20.47*	\$21.47*	\$22.52*	\$23.62*	\$25.76*	\$28.00*	-	-	\$26.13*
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	\$8.62	\$10.10	\$8.86*	\$8.88	\$8.39*	\$8.91	\$8.99	-	-	\$8.88
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$8.62	\$16.66	\$12.45	\$12.68	\$12.79	\$19.29	\$22.98	-	-	\$18.60

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-482 EECBG BPA, Lighting
EECBG-Attributable Bill Savings by Fuel Type and Sector, Total Estimates, in Thousand 2009 Dollars

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	-	-	-	\$273,628	-	\$273,628
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	\$1,039,082*	-	-	-	-	\$1,039,082*
Other	-	-	-	-	-	-
Total	\$1,039,082*	-	-	\$273,628	-	\$1,312,710

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-483 EECBG BPA, Lighting
EECBG-Attributable Bill Savings by Fuel Type and Sector, Row Percent Estimates, in Thousand 2009 Dollars

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	-	-	-	100.0%	-	100.0%
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	100.0%	-	-	-	-	100.0%
Other	-	-	-	-	-	-
Total	79.2%	-	-	20.8%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-484 EECBG BPA, Lighting
EECBG-Attributable Bill Savings by Fuel Type and Sector, Column Percent Estimates, in Thousand 2009 Dollars

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	-	-	-	100.0%	-	20.8%
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	100.0%	-	-	-	-	79.2%
Other	-	-	-	-	-	-
Total	100.0%	-	-	100.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-485 EECBG BPA, Lighting
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Original Site Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	-	-	-	\$101.15	-	\$101.15
Natural Gas, Units=KTherms	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	\$26.39*	-	-	-	-	\$26.39*
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	\$26.39*	-	-	\$29.64	-	\$27.01*

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-486 EECBG BPA, Lighting
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	-	-	-	\$8.88	-	\$8.88
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	\$26.13*	-	-	-	-	\$26.13*
Other	-	-	-	-	-	-
Total	\$26.13*	-	-	\$8.88	-	\$18.60

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

**Table M-487 EECBG BPA, Onsite Renewable Technology
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	-	803* (1,299)	864* (1,303)	760* (1,134)	970 (1,177)	5,821 (7,061)	9,281* (11,606)	3,554* (5,650)	-	22,054* (29,016)
Natural Gas, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	2,740* (4,431)	2,950* (4,444)	2,594* (3,870)	3,310 (4,016)	19,861 (24,094)	31,669* (39,600)	12,128* (19,280)	-	75,252* (99,008)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-488 EECBG BPA, Onsite Renewable Technology
Overall Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	9,151* (14,800)	9,852* (14,844)	8,662* (12,926)	11,056 (13,412)	66,334 (80,471)	105,770* (132,258)	40,507* (64,392)	-	251,331* (330,674)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	9,151* (14,800)	9,852* (14,844)	8,662* (12,926)	11,056 (13,412)	66,334 (80,471)	105,770* (132,258)	40,507* (64,392)	-	251,331* (330,674)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-489 EECBG BPA, Onsite Renewable Technology
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2011-2035	-	-	803 [*] (1,299)	864 [*] (1,303)	760 [*] (1,134)	970 (1,177)	970 (1,177)	928 [*] (1,161)	711 [*] (1,130)	-	882 [*] (1,161)
Natural Gas, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2011-2035	-	-	2,740 [*] (4,431)	2,950 [*] (4,444)	2,594 [*] (3,870)	3,310 (4,016)	3,310 (4,016)	3,167 [*] (3,960)	2,426 [*] (3,856)	-	3,010 [*] (3,960)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-490 EECBG BPA, Onsite Renewable Technology
Overall Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2011-2035	-	-	9,151 [*] (14,800)	9,852 [*] (14,844)	8,662 [*] (12,926)	11,056 (13,412)	11,056 (13,412)	10,577 [*] (13,226)	8,101 [*] (12,878)	-	10,053 [*] (13,227)
Natural Gas	n/a	-	-	-	-	-	-	-	-	-	-	-
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2035	-	-	9,151 [*] (14,800)	9,852 [*] (14,844)	8,662 [*] (12,926)	11,056 (13,412)	11,056 (13,412)	10,577 [*] (13,226)	8,101 [*] (12,878)	-	10,053 [*] (13,227)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-491 EECBG BPA, Onsite Renewable Technology
Overall Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	3.6% (1.4%)	3.9% (1.2%)	3.4% (1.1%)	4.4% (0.8%)	26.4% (4.6%)	42.1% (4.2%)	16.1% (5.9%)	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	3.6% (1.4%)	3.9% (1.2%)	3.4% (1.1%)	4.4% (0.8%)	26.4% (4.6%)	42.1% (4.2%)	16.1% (5.9%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-492 EECBG BPA, Onsite Renewable Technology
Overall Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-493 EECBG BPA, Onsite Renewable Technology
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	618* (999)	38,096 (18,248)	38,830 (18,152)	38,887 (18,123)	38,887 (18,123)	233,321 (108,735)	388,868 (181,225)	194,380 (90,685)	-	971,886 (453,211)
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	2,107* (3,408)	129,989 (62,265)	132,494 (61,938)	132,687 (61,837)	132,687 (61,837)	796,123 (371,019)	1,326,872 (618,365)	663,253 (309,430)	-	3,316,213 (1,546,418)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-494 EECBG BPA, Onsite Renewable Technology
Overall Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	2,107* (3,408)	129,983 (62,263)	132,488 (61,936)	132,682 (61,834)	132,682 (61,834)	796,091 (371,004)	1,326,818 (618,340)	663,226 (309,417)	-	3,316,077 (1,546,355)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	2,107* (3,408)	129,983 (62,263)	132,488 (61,936)	132,682 (61,834)	132,682 (61,834)	796,091 (371,004)	1,326,818 (618,340)	663,226 (309,417)	-	3,316,077 (1,546,355)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-495 EECBG BPA, Onsite Renewable Technology
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	2010-2036	-	618* (999)	38,096 (18,248)	38,830 (18,152)	38,887 (18,123)	38,887 (18,123)	38,887 (18,123)	38,887 (18,123)	32,397 (15,114)	-	35,996 (16,786)
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2010-2036	-	2,107* (3,408)	129,989 (62,265)	132,494 (61,938)	132,687 (61,837)	132,687 (61,837)	132,687 (61,837)	132,687 (61,837)	110,542 (51,572)	-	122,823 (57,275)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-496 EECBG BPA, Onsite Renewable Technology
Overall Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	2010-2036	-	2,107* (3,408)	129,983 (62,263)	132,488 (61,936)	132,682 (61,834)	132,682 (61,834)	132,682 (61,834)	132,682 (61,834)	110,538 (51,570)	-	122,818 (57,272)
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	2,107* (3,408)	129,983 (62,263)	132,488 (61,936)	132,682 (61,834)	132,682 (61,834)	132,682 (61,834)	132,682 (61,834)	110,538 (51,570)	-	122,818 (57,272)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-497 EECBG BPA, Onsite Renewable Technology
Overall Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	0.1%* (0.1%)	3.9% (0.1%)	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.0%)	40.0% (0.0%)	20.0% (0.2%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.1%* (0.1%)	3.9% (0.1%)	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.0%)	40.0% (0.0%)	20.0% (0.2%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-498 EECBG BPA, Onsite Renewable Technology
Overall Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-499 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	-	803* (1,299)	864* (1,303)	62* (99)	272 (335)	1,629 (2,012)	2,295 (2,741)	62* (99)	-	5,987 (5,621)
Natural Gas, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	2,740* (4,431)	2,950* (4,444)	210* (339)	927 (1,144)	5,559 (6,865)	7,832 (9,353)	210* (339)	-	20,427 (19,181)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-500 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	9,151* (14,800)	9,852* (14,844)	701* (1,134)	3,094 (3,821)	18,567 (22,928)	26,157 (31,239)	701* (1,134)	-	68,223 (64,061)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	9,151* (14,800)	9,852* (14,844)	701* (1,134)	3,094 (3,821)	18,567 (22,928)	26,157 (31,239)	701* (1,134)	-	68,223 (64,061)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-501 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2011-2031	-	-	803 [*] (1,299)	864 [*] (1,303)	62 [*] (99)	272 (335)	272 (335)	230 (274)	62 [*] (99)	-	285 (268)
Natural Gas, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2011-2031	-	-	2,740 [*] (4,431)	2,950 [*] (4,444)	210 [*] (339)	927 (1,144)	927 (1,144)	783 (935)	210 [*] (339)	-	973 (913)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-502 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2011-2031	-	-	9,151 [*] (14,800)	9,852 [*] (14,844)	701 [*] (1,134)	3,094 (3,821)	3,094 (3,821)	2,616 (3,124)	701 [*] (1,134)	-	3,249 (3,051)
Natural Gas	n/a	-	-	-	-	-	-	-	-	-	-	-
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2031	-	-	9,151 [*] (14,800)	9,852 [*] (14,844)	701 [*] (1,134)	3,094 (3,821)	3,094 (3,821)	2,616 (3,124)	701 [*] (1,134)	-	3,249 (3,051)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-503 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	13.4%* (19.4%)	14.4%* (19.5%)	1.0%* (1.8%)	4.5% (2.7%)	27.2% (15.9%)	38.3% (20.7%)	1.0%* (1.8%)	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	13.4%* (19.4%)	14.4%* (19.5%)	1.0%* (1.8%)	4.5% (2.7%)	27.2% (15.9%)	38.3% (20.7%)	1.0%* (1.8%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-504 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-505 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	210* (339)	210* (339)	927 (1,144)	5,559 (6,865)	7,832 (9,353)	210* (339)	-	14,947 (17,680)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	2,740* (4,431)	2,740* (4,431)	-	-	-	-	-	-	5,480* (8,863)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	2,740* (4,431)	2,950* (4,444)	210* (339)	927 (1,144)	5,559 (6,865)	7,832 (9,353)	210* (339)	-	20,427 (19,181)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

**Table M-506 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Sector and Year, Total Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	701* (1,134)	701* (1,134)	3,094 (3,821)	18,567 (22,928)	26,157 (31,239)	701* (1,134)	-	49,921 (59,047)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	9,151* (14,800)	9,151* (14,800)	-	-	-	-	-	-	18,302* (29,601)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	9,151* (14,800)	9,852* (14,844)	701* (1,134)	3,094 (3,821)	18,567 (22,928)	26,157 (31,239)	701* (1,134)	-	68,223 (64,061)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-507 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2031	-	-	-	210* (339)	210* (339)	927 (1,144)	927 (1,144)	783 (935)	210* (339)	-	747 (884)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2011-2012	-	-	2,740* (4,431)	2,740* (4,431)	-	-	-	-	-	-	2,740* (4,431)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2031	-	-	2,740* (4,431)	2,950* (4,444)	210* (339)	927 (1,144)	927 (1,144)	783 (935)	210* (339)	-	973 (913)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-508 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2031	-	-	-	701* (1,134)	701* (1,134)	3,094 (3,821)	3,094 (3,821)	2,616 (3,124)	701* (1,134)	-	2,496 (2,952)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2011-2012	-	-	9,151* (14,800)	9,151* (14,800)	-	-	-	-	-	-	9,151* (14,800)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2011-2031	-	-	9,151* (14,800)	9,852* (14,844)	701* (1,134)	3,094 (3,821)	3,094 (3,821)	2,616 (3,124)	701* (1,134)	-	3,249 (3,051)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-509 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Sector and Year, Row Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	1.4%* (2.6%)	1.4%* (2.6%)	6.2% (0.9%)	37.2% (5.2%)	52.4% (1.7%)	1.4%* (2.6%)	-	100.0% (0.0%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	50.0% (0.0%)	50.0% (0.0%)	-	-	-	-	-	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	13.4%* (19.4%)	14.4%* (19.5%)	1.0%* (1.8%)	4.5% (2.7%)	27.2% (15.9%)	38.3% (20.7%)	1.0%* (1.8%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-510 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Sector and Year, Column Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	7.1%* (15.1%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	73.2% (38.8%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	-	100.0% (0.0%)	92.9% (15.1%)	-	-	-	-	-	-	26.8%* (38.8%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-511 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	4,381 (5,181)	-	-	1,606* (2,597)	-	5,987 (5,621)
Natural Gas, Units=KTherms	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	14,947 (17,680)	-	-	5,480* (8,863)	-	20,427 (19,181)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-512 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Fuel Type and Sector, Total Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	49,921 (59,047)	-	-	18,302* (29,601)	-	68,223 (64,061)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	49,921 (59,047)	-	-	18,302* (29,601)	-	68,223 (64,061)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-513 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	219 (259)	-	-	803* (1,299)	-	285 (268)
Natural Gas, Units=KTherms	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	747 (884)	-	-	2,740* (4,431)	-	973 (913)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.
 KTherms = 1,000 Therms.

**Table M-514 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	2,496 (2,952)	-	-	9,151* (14,800)	-	3,249 (3,051)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	2,496 (2,952)	-	-	9,151* (14,800)	-	3,249 (3,051)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-515 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	73.2% (38.8%)	-	-	26.8%* (38.8%)	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	73.2% (38.8%)	-	-	26.8%* (38.8%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-516 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-517 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	-	618* (999)	38,096 (18,248)	38,830 (18,152)	38,887 (18,123)	38,887 (18,123)	233,321 (108,735)	388,868 (181,225)	194,380 (90,685)	-	971,886 (453,211)
Methane Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	2,107* (3,408)	129,989 (62,265)	132,494 (61,938)	132,687 (61,837)	132,687 (61,837)	796,123 (371,019)	1,326,872 (618,365)	663,253 (309,430)	-	3,316,213 (1,546,418)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-518 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	2,107* (3,408)	129,983 (62,263)	132,488 (61,936)	132,682 (61,834)	132,682 (61,834)	796,091 (371,004)	1,326,818 (618,340)	663,226 (309,417)	-	3,316,077 (1,546,355)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	2,107* (3,408)	129,983 (62,263)	132,488 (61,936)	132,682 (61,834)	132,682 (61,834)	796,091 (371,004)	1,326,818 (618,340)	663,226 (309,417)	-	3,316,077 (1,546,355)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-519 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated, Units=MWh	2010-2036	-	618* (999)	38,096 (18,248)	38,830 (18,152)	38,887 (18,123)	38,887 (18,123)	38,887 (18,123)	38,887 (18,123)	32,397 (15,114)	-	35,996 (16,786)
Methane Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2010-2036	-	2,107* (3,408)	129,989 (62,265)	132,494 (61,938)	132,687 (61,837)	132,687 (61,837)	132,687 (61,837)	132,687 (61,837)	110,542 (51,572)	-	122,823 (57,275)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
"n/a" indicates not applicable.
Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.
KTherms = 1,000 Therms.

**Table M-520 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	2010-2036	-	2,107* (3,408)	129,983 (62,263)	132,488 (61,936)	132,682 (61,834)	132,682 (61,834)	132,682 (61,834)	132,682 (61,834)	110,538 (51,570)	-	122,818 (57,272)
Methane Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	n/a	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	2,107* (3,408)	129,983 (62,263)	132,488 (61,936)	132,682 (61,834)	132,682 (61,834)	132,682 (61,834)	132,682 (61,834)	110,538 (51,570)	-	122,818 (57,272)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-521 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	0.1%* (0.1%)	3.9% (0.1%)	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.0%)	40.0% (0.0%)	20.0% (0.2%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.1%* (0.1%)	3.9% (0.1%)	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.0%)	40.0% (0.0%)	20.0% (0.2%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-522 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Renewable Electricity Generated	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-523 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	2,107* (3,408)	129,989 (62,265)	132,494 (61,938)	132,687 (61,837)	132,687 (61,837)	796,123 (371,019)	1,326,872 (618,365)	663,253 (309,430)	-	3,316,213 (1,546,418)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	2,107* (3,408)	129,989 (62,265)	132,494 (61,938)	132,687 (61,837)	132,687 (61,837)	796,123 (371,019)	1,326,872 (618,365)	663,253 (309,430)	-	3,316,213 (1,546,418)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

**Table M-524 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	2,107* (3,408)	129,983 (62,263)	132,488 (61,936)	132,682 (61,834)	132,682 (61,834)	796,091 (371,004)	1,326,818 (618,340)	663,226 (309,417)	-	3,316,077 (1,546,355)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	2,107* (3,408)	129,983 (62,263)	132,488 (61,936)	132,682 (61,834)	132,682 (61,834)	796,091 (371,004)	1,326,818 (618,340)	663,226 (309,417)	-	3,316,077 (1,546,355)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-525 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	n/a	-	-	-	-	-	-	-	-	-	-	-
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2010-2036	-	2,107* (3,408)	129,989 (62,265)	132,494 (61,938)	132,687 (61,837)	132,687 (61,837)	132,687 (61,837)	132,687 (61,837)	110,542 (51,572)	-	122,823 (57,275)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	2,107* (3,408)	129,989 (62,265)	132,494 (61,938)	132,687 (61,837)	132,687 (61,837)	132,687 (61,837)	132,687 (61,837)	110,542 (51,572)	-	122,823 (57,275)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-526 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	n/a	-	-	-	-	-	-	-	-	-	-	-
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2010-2036	-	2,107* (3,408)	129,983 (62,263)	132,488 (61,936)	132,682 (61,834)	132,682 (61,834)	132,682 (61,834)	132,682 (61,834)	110,538 (51,570)	-	122,818 (57,272)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	2,107* (3,408)	129,983 (62,263)	132,488 (61,936)	132,682 (61,834)	132,682 (61,834)	132,682 (61,834)	132,682 (61,834)	110,538 (51,570)	-	122,818 (57,272)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-527 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	0.1%* (0.1%)	3.9% (0.1%)	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.0%)	40.0% (0.0%)	20.0% (0.2%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.1%* (0.1%)	3.9% (0.1%)	4.0% (0.0%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.0%)	40.0% (0.0%)	20.0% (0.2%)	-	100.0% (0.0%)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-528 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total	
Residential	-	-	-	-	-	-	-	-	-	-	-	
Commercial	-	-	-	-	-	-	-	-	-	-	-	
Industrial	-	-	-	-	-	-	-	-	-	-	-	
Public Institutional	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-529 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	-	-	-	971,886 (453,211)	-	971,886 (453,211)
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	-	3,316,213 (1,546,418)	-	3,316,213 (1,546,418)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-530 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	-	-	-	3,316,077 (1,546,355)	-	3,316,077 (1,546,355)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	-	-	-	3,316,077 (1,546,355)	-	3,316,077 (1,546,355)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-531 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated, Units=MWh	-	-	-	35,996 (16,786)	-	35,996 (16,786)
Methane Produced, Units=KTherms	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced, Units=KTherms	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced, Units=KTherms	-	-	-	-	-	-
Biodiesel Production, Units=KTherms	-	-	-	-	-	-
Ethanol Production, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	-	-	-	122,823 (57,275)	-	122,823 (57,275)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

**Table M-532 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	-	-	-	122,818 (57,272)	-	122,818 (57,272)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	-	-	-	122,818 (57,272)	-	122,818 (57,272)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-533 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	-	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	-	-	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-534 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Renewable Electricity Generated	-	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Methane Produced	-	-	-	-	-	-
Landfill Gas [50% CH4/50% CO2] Produced	-	-	-	-	-	-
Digester Gas [Sewage or Biogas] Produced	-	-	-	-	-	-
Biodiesel Production	-	-	-	-	-	-
Ethanol Production	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	-	-	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-535 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Original Site Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	618* (999)	38,899 (17,868)	39,695 (17,759)	38,948 (18,111)	39,158 (18,075)	234,950 (108,451)	391,163 (180,819)	194,442 (90,674)	-	977,873 (451,580)
Natural Gas, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	2,107* (3,408)	132,729 (60,969)	135,443 (60,596)	132,897 (61,799)	133,614 (61,675)	801,683 (370,050)	1,334,704 (616,980)	663,463 (309,391)	-	3,336,640 (1,540,856)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

KTherms = 1,000 Therms.

**Table M-536 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Total Estimates, in Source MMBtu Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	7,038* (11,383)	443,295 (203,628)	452,362 (202,382)	443,858 (206,399)	446,252 (205,986)	2,677,510 (1,235,916)	4,457,729 (2,060,628)	2,215,875 (1,033,325)	-	11,143,919 (5,146,247)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	7,038* (11,383)	443,295 (203,628)	452,362 (202,382)	443,858 (206,399)	446,252 (205,986)	2,677,510 (1,235,916)	4,457,729 (2,060,628)	2,215,875 (1,033,325)	-	11,143,919 (5,146,247)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-537 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Original Site Units**

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	2010-2036	-	618* (999)	38,899 (17,868)	39,695 (17,759)	38,948 (18,111)	39,158 (18,075)	39,158 (18,075)	39,116 (18,082)	32,407 (15,112)	-	36,218 (16,725)
Natural Gas, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	n/a	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	2010-2036	-	2,107* (3,408)	132,729 (60,969)	135,443 (60,596)	132,897 (61,799)	133,614 (61,675)	133,614 (61,675)	133,470 (61,698)	110,577 (51,565)	-	123,579 (57,069)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

Table M-538 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Average per Year Estimates, in Source MMBtu Units

Source	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	2010-2036	-	7,038* (11,383)	443,295 (203,628)	452,362 (202,382)	443,858 (206,399)	446,252 (205,986)	446,252 (205,986)	445,773 (206,063)	369,312 (172,221)	-	412,738 (190,602)
Natural Gas	n/a	-	-	-	-	-	-	-	-	-	-	-
Oil	n/a	-	-	-	-	-	-	-	-	-	-	-
Propane	n/a	-	-	-	-	-	-	-	-	-	-	-
Kerosene	n/a	-	-	-	-	-	-	-	-	-	-	-
Wood	n/a	-	-	-	-	-	-	-	-	-	-	-
Diesel	n/a	-	-	-	-	-	-	-	-	-	-	-
Ethanol	n/a	-	-	-	-	-	-	-	-	-	-	-
Gasoline	n/a	-	-	-	-	-	-	-	-	-	-	-
Other	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	7,038* (11,383)	443,295 (203,628)	452,362 (202,382)	443,858 (206,399)	446,252 (205,986)	446,252 (205,986)	445,773 (206,063)	369,312 (172,221)	-	412,738 (190,602)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 "n/a" indicates not applicable.
 Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-539 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Row Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	0.1% [*] (0.1%)	4.0% (0.1%)	4.1% (0.1%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.1%)	40.0% (0.1%)	19.9% (0.2%)	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.1% [*] (0.1%)	4.0% (0.1%)	4.1% (0.1%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.1%)	40.0% (0.1%)	19.9% (0.2%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-540 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Year, Column Percent Estimates, in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-541 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Site MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	210* (339)	210* (339)	927 (1,144)	5,559 (6,865)	7,832 (9,353)	210* (339)	-	14,947 (17,680)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	2,107* (3,408)	132,729 (60,969)	135,233 (60,635)	132,687 (61,837)	132,687 (61,837)	796,123 (371,019)	1,326,872 (618,365)	663,253 (309,430)	-	3,321,693 (1,543,536)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	2,107* (3,408)	132,729 (60,969)	135,443 (60,596)	132,897 (61,799)	133,614 (61,675)	801,683 (370,050)	1,334,704 (616,980)	663,463 (309,391)	-	3,336,640 (1,540,856)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.

**Table M-542 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Total Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	701* (1,134)	701* (1,134)	3,094 (3,821)	18,567 (22,928)	26,157 (31,239)	701* (1,134)	-	49,921 (59,047)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	7,038* (11,383)	443,295 (203,628)	451,661 (202,511)	443,157 (206,525)	443,157 (206,525)	2,658,943 (1,239,153)	4,431,572 (2,065,255)	2,215,174 (1,033,454)	-	11,093,998 (5,155,198)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	7,038* (11,383)	443,295 (203,628)	452,362 (202,382)	443,858 (206,399)	446,252 (205,986)	2,677,510 (1,235,916)	4,457,729 (2,060,628)	2,215,875 (1,033,325)	-	11,143,919 (5,146,247)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-543 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Site MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2031	-	-	-	210 [*] (339)	210 [*] (339)	927 (1,144)	927 (1,144)	783 (935)	210 [*] (339)	-	747 (884)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2010-2036	-	2,107 [*] (3,408)	132,729 (60,969)	135,233 (60,635)	132,687 (61,837)	132,687 (61,837)	132,687 (61,837)	132,687 (61,837)	110,542 (51,572)	-	123,026 (57,168)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	2,107 [*] (3,408)	132,729 (60,969)	135,443 (60,596)	132,897 (61,799)	133,614 (61,675)	133,614 (61,675)	133,470 (61,698)	110,577 (51,565)	-	123,579 (57,069)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-544 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Average per Year Estimates, in Source MMBtu Units**

Sector	Impact Period	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	2012-2031	-	-	-	701* (1,134)	701* (1,134)	3,094 (3,821)	3,094 (3,821)	2,616 (3,124)	701* (1,134)	-	2,496 (2,952)
Commercial	n/a	-	-	-	-	-	-	-	-	-	-	-
Industrial	n/a	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	2010-2036	-	7,038* (11,383)	443,295 (203,628)	451,661 (202,511)	443,157 (206,525)	443,157 (206,525)	443,157 (206,525)	443,157 (206,525)	369,196 (172,242)	-	410,889 (190,933)
Private Institutional	n/a	-	-	-	-	-	-	-	-	-	-	-
Total	2010-2036	-	7,038* (11,383)	443,295 (203,628)	452,362 (202,382)	443,858 (206,399)	446,252 (205,986)	446,252 (205,986)	445,773 (206,063)	369,312 (172,221)	-	412,738 (190,602)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

"n/a" indicates not applicable.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period for those year(s) noted in the column. Estimates that round to zero during the impact period will not be displayed due to suppression.

**Table M-545 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Row Percent Estimates, in Source MMBtu Units**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	1.4%* (2.6%)	1.4%* (2.6%)	6.2% (0.9%)	37.2% (5.2%)	52.4% (1.7%)	1.4%* (2.6%)	-	100.0% (0.0%)
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	0.1%* (0.1%)	4.0% (0.2%)	4.1% (0.1%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.1%)	39.9% (0.1%)	20.0% (0.2%)	-	100.0% (0.0%)
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.1%* (0.1%)	4.0% (0.1%)	4.1% (0.1%)	4.0% (0.0%)	4.0% (0.0%)	24.0% (0.1%)	40.0% (0.1%)	19.9% (0.2%)	-	100.0% (0.0%)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-546 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Sector and Year, Column Percent Estimates, in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total	
Residential	-	-	-	0.2%* (0.3%)	0.2%* (0.3%)	0.7%* (0.9%)	0.7%* (0.9%)	0.6%* (0.8%)	-	-	0.4%* (0.6%)	
Commercial	-	-	-	-	-	-	-	-	-	-	-	
Industrial	-	-	-	-	-	-	-	-	-	-	-	
Public Institutional	-	100.0% (0.0%)	100.0% (0.0%)	99.8% (0.3%)	99.8% (0.3%)	99.3% (0.9%)	99.3% (0.9%)	99.4% (0.8%)	100.0% (0.1%)	-	99.6% (0.6%)	
Private Institutional	-	-	-	-	-	-	-	-	-	-	-	
Total	-	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	100.0% (0.0%)	-	100.0% (0.0%)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-547 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	4,381 (5,181)	-	-	973,492 (452,366)	-	977,873 (451,580)
Natural Gas, Units=KTherms	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	14,947 (17,680)	-	-	3,321,693 (1,543,536)	-	3,336,640 (1,540,856)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding, suppression of estimates that round to zero or because of different units associated with the energy estimates.
 KTherms = 1,000 Therms.

Table M-548 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Total Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	49,921 (59,047)	-	-	11,093,998 (5,155,198)	-	11,143,919 (5,146,247)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	49,921 (59,047)	-	-	11,093,998 (5,155,198)	-	11,143,919 (5,146,247)

Note:
 Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
 "-" indicates estimate rounds to zero and is considered imprecise.
 "*" indicates estimate exhibits low precision.
 Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-549 **EECBG BPA, Onsite Renewable Technology**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Original Site Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	219 (259)	-	-	36,055 (16,754)	-	36,218 (16,725)
Natural Gas, Units=KTherms	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	747 (884)	-	-	123,026 (57,168)	-	123,579 (57,069)

Note:

Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

KTherms = 1,000 Therms.

Table M-550 **EECBG BPA, Onsite Renewable Technology**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Average per Year Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	2,496 (2,952)	-	-	410,889 (190,933)	-	412,738 (190,602)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	2,496 (2,952)	-	-	410,889 (190,933)	-	412,738 (190,602)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Impact Period is the period in which nonzero estimates existed. Average per year estimates were computed by dividing the estimate of the total by the number of years in the impact period. Estimates that round to zero during the impact period will not be displayed due to suppression.

Table M-551 **EECBG BPA, Onsite Renewable Technology**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Row Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	0.4%* (0.6%)	-	-	99.6% (0.6%)	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	0.4%* (0.6%)	-	-	99.6% (0.6%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-552 **EECBG BPA, Onsite Renewable Technology**
EECBG-Attributable Energy Savings and EECBG-Attributable Energy Displaced by Onsite Renewable Generation by Fuel Type and Sector, Column Percent Estimates, in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0% (0.0%)	-	-	100.0% (0.0%)	-	100.0% (0.0%)

Note:
Number in parenthesis underneath each estimate is the margin of error associated with the estimate. The 90% confidence interval for an estimate is the estimate +/- its margin of error.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-553 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Bill Savings by Fuel Type and Year, Total Estimates, in Thousand 2009 Dollars**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	\$79*	\$4,997	\$5,164	\$5,029	\$5,027	\$29,619	\$48,818	\$24,817	-	\$123,550
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$79*	\$4,997	\$5,164	\$5,029	\$5,027	\$29,619	\$48,818	\$24,817	-	\$123,550

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-554 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Bill Savings by Fuel Type and Year, Row Percent Estimates, in Thousand 2009 Dollars**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	0.1%*	4.0%	4.2%	4.1%	4.1%	24.0%	39.5%	20.1%	-	100.0%
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.1%*	4.0%	4.2%	4.1%	4.1%	24.0%	39.5%	20.1%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-555 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Bill Savings by Fuel Type and Year, Column Percent Estimates, in Thousand 2009 Dollars**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	100.0%
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-556

**EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Original Site Units**

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity, Units=MWh	-	\$128.06*	\$128.45	\$130.09	\$129.12	\$128.37	\$126.07	\$124.80	\$127.63	-	\$126.35
Natural Gas, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-	-	-	-	-	-
Total, Units=Site MMBtu	-	\$37.53*	\$37.65	\$38.13	\$37.84	\$37.62	\$36.95	\$36.58	\$37.41	-	\$37.03

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-557

EECBG BPA, Onsite Renewable Technology

EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Year, EECBG-Attributable Energy in Source MMBtu Units

Source	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Electricity	-	\$11.24*	\$11.27	\$11.42	\$11.33	\$11.26	\$11.06	\$10.95	\$11.20	-	\$11.09
Natural Gas	-	-	-	-	-	-	-	-	-	-	-
Oil	-	-	-	-	-	-	-	-	-	-	-
Propane	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-
Wood	-	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$11.24*	\$11.27	\$11.42	\$11.33	\$11.26	\$11.06	\$10.95	\$11.20	-	\$11.09

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

**Table M-558 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Bill Savings by Sector and Year, Total Estimates, in Thousand 2009 Dollars**

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	\$7*	\$7*	\$31	\$186	\$264	\$7*	-	\$503
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	\$79*	\$4,997	\$5,157	\$5,022	\$4,996	\$29,433	\$48,554	\$24,810	-	\$123,047
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$79*	\$4,997	\$5,164	\$5,029	\$5,027	\$29,619	\$48,818	\$24,817	-	\$123,550

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-559 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Bill Savings by Sector and Year, Row Percent Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	1.5%*	1.5%*	6.2%	37.0%	52.4%	1.5%*	-	100.0%
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	0.1%*	4.1%	4.2%	4.1%	4.1%	23.9%	39.5%	20.2%	-	100.0%
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	0.1%*	4.0%	4.2%	4.1%	4.1%	24.0%	39.5%	20.1%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-560 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Bill Savings by Sector and Year, Column Percent Estimates, in Thousand 2009 Dollars

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	0.1%*	0.1%*	0.6%*	0.6%*	0.5%*	-	-	0.4%*
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	100.0%	100.0%	99.9%	99.9%	99.4%	99.4%	99.5%	100.0%	-	99.6%
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

Table M-561 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Site MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	\$34.82*	\$34.75*	\$33.66	\$33.43	\$33.66	\$35.36*	-	\$33.63
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	\$37.53*	\$37.65	\$38.13	\$37.85	\$37.65	\$36.97	\$36.59	\$37.41	-	\$37.04
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$37.53*	\$37.65	\$38.13	\$37.84	\$37.62	\$36.95	\$36.58	\$37.41	-	\$37.03

Note:
Standard errors estimates are not reported.
"- " indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-562 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Sector and Year, EECBG-Attributable Energy in Source MMBtu Units

Sector	2009	2010	2011	2012	2013	2014	2015-2020	2021-2030	2031-2040	2041-2050	Total
Residential	-	-	-	\$10.42*	\$10.40*	\$10.08	\$10.01	\$10.08	\$10.59*	-	\$10.07
Commercial	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-
Public Institutional	-	\$11.24*	\$11.27	\$11.42	\$11.33	\$11.27	\$11.07	\$10.96	\$11.20	-	\$11.09
Private Institutional	-	-	-	-	-	-	-	-	-	-	-
Total	-	\$11.24*	\$11.27	\$11.42	\$11.33	\$11.26	\$11.06	\$10.95	\$11.20	-	\$11.09

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-563 **EECBG BPA, Onsite Renewable Technology**
EECBG-Attributable Bill Savings by Fuel Type and Sector, Total Estimates, in Thousand 2009 Dollars

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	\$503	-	-	\$123,047	-	\$123,550
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	\$503	-	-	\$123,047	-	\$123,550

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-564 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Bill Savings by Fuel Type and Sector, Row Percent Estimates, in Thousand 2009 Dollars**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	0.4%*	-	-	99.6%	-	100.0%
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	0.4%*	-	-	99.6%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-565 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Bill Savings by Fuel Type and Sector, Column Percent Estimates, in Thousand 2009 Dollars**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	100.0%	-	-	100.0%	-	100.0%
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	100.0%	-	-	100.0%	-	100.0%

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Estimates may not sum to the estimates reported in the "Total" row and column due to rounding or suppression of estimates that round to zero.

**Table M-566 EECBG BPA, Onsite Renewable Technology
EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Original Site Units**

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity, Units=MWh	\$114.75	-	-	\$126.40	-	\$126.35
Natural Gas, Units=KTherms	-	-	-	-	-	-
Oil, Units=KTherms	-	-	-	-	-	-
Propane, Units=KTherms	-	-	-	-	-	-
Kerosene, Units=KTherms	-	-	-	-	-	-
Wood, Units=Site MMBtu	-	-	-	-	-	-
Diesel, Units=Site MMBtu	-	-	-	-	-	-
Ethanol, Units=Site MMBtu	-	-	-	-	-	-
Gasoline, Units=Site MMBtu	-	-	-	-	-	-
Other, Units=Site MMBtu	-	-	-	-	-	-
Total, Units=Site MMBtu	\$33.63	-	-	\$37.04	-	\$37.03

Note:
Standard errors estimates are not reported.
"-" indicates estimate rounds to zero and is considered imprecise.
"*" indicates estimate exhibits low precision.
Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.

Table M-567 EECBG BPA, Onsite Renewable Technology EECBG-Attributable Bill Savings (2009 Dollars) Per EECBG-Attributable Energy by Fuel Type and Sector, EECBG-Attributable Energy in Source MMBtu Units

Source	Residential	Commercial	Industrial	Public Institutional	Private Institutional	Total
Electricity	\$10.07	-	-	\$11.09	-	\$11.09
Natural Gas	-	-	-	-	-	-
Oil	-	-	-	-	-	-
Propane	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-
Wood	-	-	-	-	-	-
Diesel	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total	\$10.07	-	-	\$11.09	-	\$11.09

Note:

Standard errors estimates are not reported.

"-" indicates estimate rounds to zero and is considered imprecise.

"*" indicates estimate exhibits low precision.

Energy estimate in the denominator of the ratios includes EECBG-attributable energy savings and EECBG-attributable energy displaced by onsite renewable generation.