

Purpose of the Efficiency Program Industry By State and Region Appendices and Limitations of Data

CEE collaborates with the American Gas Association (AGA) to survey and collect data in the United States and Canada regarding efficiency industry budgets, expenditures, and savings for both the gas and electric programs. The objective of compiling these data is to annually complete an industry report and a separate set of appendices. Both the report and appendices provide a time series trend analysis and snapshot of the demand side management (DSM) industry on an annual basis. This purpose and data limitations clause is in reference to the appendices titled The Efficiency Program Industry by State and Region.

These appendices document electric and natural gas DSM program industry trends at the state, regional, and national levels based on data collected through a survey of DSM program administrators. If used as recommended, the data provide one of the only current and robust data compilations in the industry at these levels. CEE notes limitations of the data that inhibit the ability to make comparisons across states and regions. The purpose of the data is for time series trend analysis, providing a point in time snapshot of the dollars reportedly budgeted or expended on DSM programs in various states or regions in the United States and provinces in Canada.

There are many limitations to budget, expenditures, and savings data. First, these data are reported by an individual or group of individuals within each responding organization. Although CEE and our collaborators work closely with each responding organization to help respondents properly interpret survey questions and enter the correct information, the accuracy of the data is not verified with any third party. Second, respondents provide data at different times during the data collection period from June to October, and not all program administrators report their information according to the calendar year. CEE and our collaborators have sought greater consistency in data collection from respondents over the years, however, the accuracy of the data are ultimately dependent upon each individual survey respondent's interpretation of the survey questions and ability to retrieve the relevant information. Furthermore, variation in state policies and reporting requirements, and inconsistent use of terms complicate our efforts.

Additional factors that tend to affect the credibility of comparisons or analytical inferences include differences in regulatory structures, weather effects, customer demographic differences, electric and gas rates, the duration of program experience, program administrators' revenue structure, and underlying interests given a particular program administrator model.

Given the wide variation in the circumstances surrounding individual data points, we do not believe these data are suitable for comparisons at any level other than the levels represented

within this report. CEE notes that when this information is used beyond the stated limits, reviewers are encouraged to inquire as to the sufficiency of the method or quality of supplemental data for the specified purpose.

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Funding Source Note

In order to allow comparison with data from prior years, the appendices below include funds derived from ratepayers only. All data is reported in nominal dollars, and not adjusted for inflation.

Data Requests

These appendices are available for viewing only and cannot be downloaded. To request these appendices in an Excel format, please send an email to reports@cee1.org.

Table 1. US Electric and Gas Program Budgets by State, Including Demand Response, 2009 - 2015
(Millions USD)

	2009	2010	2011	2012	2013	2014	2015
Northeast	1,255.6	1,853.4	2,712.9	2,638.2	2,586.1	2,723.7	2,723.9
New England	430.6	606.5	706.3	917.0	924.7	1,083.5	1,140.9
Connecticut	118.2	134.0	120.2	137.5	109.6	202.8	188.1
Maine	20.8	14.6	14.0	23.1	21.0	24.1	45.7
Massachusetts	208.5	357.1	506.7	613.9	641.2	681.4	729.7
New Hampshire	19.3	29.4	25.1	26.9	22.0	24.0	24.3
Rhode Island	31.1	35.2	-	75.4	85.9	105.1	101.1
Vermont	32.6	36.2	40.2	40.1	45.0	46.0	52.0
Mid-Atlantic	825.0	1,246.9	2,006.7	1,721.2	1,661.4	1,640.2	1,583.0
New Jersey	388.9	395.0	499.4	483.6	603.7	466.9	422.0
New York	436.1	688.4	1,215.5	877.3	785.8	889.1	935.6
Pennsylvania	-	163.5	291.8	360.4	271.9	284.2	225.4
Midwest	662.3	1,013.4	1,071.2	1,461.0	1,583.7	1,499.6	1,543.1
Illinois	69.7	133.4	175.3	336.1	354.0	333.0	411.1
Indiana	39.1	38.8	94.4	135.4	171.2	203.3	113.8
Iowa	134.5	156.7	154.8	180.8	181.6	192.6	179.3
Kansas	4.3	14.6	17.6	13.5	14.8	1.5	0.0
Michigan.....	72.3	103.0	184.8	231.5	242.2	227.3	211.9
Minnesota	84.3	151.0	165.8	164.3	164.3	180.9	168.1
Missouri	24.6	47.4	61.3	40.8	58.2	66.3	101.2
Nebraska	12.0	20.1	4.9	11.9	15.1	5.2	5.4
North Dakota	1.0	0.1	0.7	1.0	1.1	0.9	1.3
Ohio.....	49.6	183.4	183.5	261.1	273.9	189.0	258.7
South Dakota	1.2	1.6	1.8	2.2	3.3	3.5	3.8
Wisconsin	169.7	163.4	26.5	82.4	104.1	96.0	88.4
South	916.3	965.2	1,254.5	1,256.3	1,455.3	1,699.6	1,292.7
South Central	377.7	358.7	495.9	485.1	556.8	589.1	561.6
Alabama	44.3	63.2	82.1	55.7	34.8	40.0	37.7
Arkansas	8.9	17.5	33.3	66.7	83.8	82.8	98.3
Kentucky.....	29.6	43.5	50.5	53.9	56.2	62.7	56.1
Louisiana	2.4	-	-	3.7	3.65	5.1	13.4
Mississippi	4.4	17.8	33.2	16.5	10.1	7.2	19.3
Oklahoma	3.8	30.6	44.3	45.7	84.7	90.0	87.9
Tennessee	-	64.0	116.8	80.3	59.3	64.4	52.1
Texas.....	110.1	122.2	135.7	162.6	224.4	236.8	196.8
Tennessee Valley Authority*.....	174.3	-	-	-	-	-	-

	2009	2010	2011	2012	2013	2014	2015
South Atlantic	538.7	606.5	758.6	771.2	898.5	1,110.5	731.1
Delaware	-	-	-	-	-	-	0.0
District of Columbia	-	-	-	-	14.0	17.6	18.5
Florida	321.7	322.9	367.1	425.8	527.3	554.0	204.3
Georgia	40.5	43.1	31.7	48.5	71.5	60.5	56.8
Maryland	76.9	116.9	216.3	150.5	119.4	292.2	261.2
North Carolina	80.9	86.4	107.7	99.5	118.7	133.2	136.5
South Carolina	18.7	30.8	28.2	31.2	34.0	36.9	38.0
Virginia	-	6.4	7.6	5.7	3.7	4.1	3.7
West Virginia	-	-	-	9.9	9.9	12.1	12.1
West	2,356.0	2,658.9	2,869.0	2,902.0	2,814.9	2,820.9	2,746.2
Pacific Northwest	415.6	428.6	619.0	652.2	578.3	589.4	593.4
Idaho.....	50.8	51.6	50.5	62.2	30.8	39.3	45.4
Montana	0.3	9.5	10.1	16.5	10.6	0.5	0.6
Oregon	106.0	119.0	136.9	152.9	151.0	160.0	151.9
Washington.....	151.4	141.8	180.5	253.0	216.4	157.3	221.4
BPA and NEEA****	107.2	106.8	241.1	167.6	169.4	232.4	174.1
Pacific West	1,648.2	1,852.1	1,805.0	1,832.6	1,797.2	1,750.1	1,665.7
Alaska	-	-	-	-	-	-	0.0
California	1,606.3	1,832.8	1,805.0	1,799.3	1,763.7	1,710.4	1628.4
Hawaii	41.8	19.3	-	33.3	33.5	39.7	37.4
Southwest	292.2	378.2	445.1	417.2	439.4	481.4	487.0
Arizona	60.9	98.3	144.7	143.2	170.1	157.6	132.0
Colorado.....	93.0	96.4	96.5	100.1	102.3	111.8	147.2
Nevada	54.0	61.5	79.3	56.4	57.3	66.2	68.6
New Mexico	19.8	27.0	34.2	36.6	36.8	47.3	42.9
Utah	61.9	90.4	84.7	75.4	66.6	93.2	88.6
Wyoming	2.6	4.7	5.7	5.6	6.3	5.2	7.7
Additional Gas Budgets**	97.6	85.8	-	-	-	-	-
Additional Aggregated Budgets***	9.2	-	94.0	-	-	-	-
Total	5,297.0	6,576.8	8,001.7	8,257.5	8,439.9	8,743.8	8,305.9

Notes:

Between 2009 and 2011, CEE aggregated state level data in cases where we received information from only one program administrator in a state. States marked with this symbol " - " indicate either (1) no organization responded with data in this state or (2) only one organization responded with data in this state. CEE aggregated these totals in "Additional Aggregated Budgets".

* The Tennessee Valley Authority (TVA) administers efficiency programs in seven states in the US Southern region. Prior to 2010, TVA provided CEE with aggregated budget and expenditures data for its regional activities, which could not be broken down by state. Starting in 2010, TVA's budgets are included in state totals.

** Total of gas budgets from respondents that did not grant permission to release their data at the state level.

*** Total budgets in cases where only one program administrator responded with data in a state.

**** "BPA and NEEA" is defined as program activities carried out by the Bonneville Power Administration (BPA) and the Northwest Energy Efficiency Alliance (NEEA) in Idaho, Montana, Oregon, and Washington. Other energy efficiency programs in those states are reported separately by state.

Table 2. US Electric and Gas Program Budgets by State, 2015 (Millions USD)

	Residential*	Low Income	Commercial & Industrial	Other or Not Broken Out**	Demand Response***	Grand Total
Northeast	824.2	284.5	1,324.6	242.8	47.8	2,723.9
New England	399.1	111.8	511.7	118.3	0.0	1,140.9
Connecticut	51.8	24.5	81.3	30.5	0.0	188.1
Maine	12.0	4.4	24.6	4.7	0.0	45.7
Massachusetts	272.2	64.7	328.5	64.3	0.0	729.7
New Hampshire	8.5	3.5	11.8	0.5	0.0	24.3
Rhode Island	38.8	14.7	36.5	11.1	0.0	101.1
Vermont	15.7	0.1	29.0	7.3	0.0	52.0
Mid-Atlantic	425.1	172.7	812.9	124.5	47.8	1,583.0
New Jersey	165.1	34.7	205.3	16.8	0.0	422.0
New York	181.6	98.4	540.5	77.6	37.6	935.6
Pennsylvania	78.4	39.6	67.1	30.0	10.2	225.4
Midwest	481.0	109.7	557.4	300.3	94.6	1,543.1
Illinois	64.3	25.5	148.2	169.4	3.7	411.1
Indiana	47.2	5.6	42.8	10.7	7.5	113.8
Iowa	64.5	5.5	57.5	13.3	38.6	179.3
Kansas	0.0	0.0	0.0	0.0	0.0	0.0
Michigan	86.3	20.8	81.2	23.7	0.0	211.9
Minnesota	48.2	12.9	65.4	26.8	14.7	168.1
Missouri	42.4	5.9	36.0	13.2	3.7	101.2
Nebraska	0.9	0.0	1.5	0.3	2.8	5.4
North Dakota	0.0	0.0	0.0	0.0	1.3	1.3
Ohio	98.4	32.1	91.0	16.3	21.0	258.7
South Dakota	1.7	0.0	1.3	0.1	0.7	3.8
Wisconsin	27.1	1.4	32.6	26.7	0.6	88.4
South	414.3	111.3	338.3	95.2	333.7	1,292.7
South Central	169.1	54.0	166.4	70.0	102.1	561.6
Alabama	1.6	0.0	6.9	4.6	24.6	37.7
Arkansas	37.3	0.1	21.1	28.6	11.3	98.3
Kentucky	23.8	1.1	11.2	5.4	14.6	56.1
Louisiana	5.5	1.4	6.3	0.1	0.0	13.4
Mississippi	7.2	0.0	11.4	0.0	0.7	19.3
Oklahoma	32.2	3.5	22.8	25.7	3.6	87.9
Tennessee	7.6	0.0	30.4	0.0	14.0	52.1
Texas	53.8	48.0	56.2	5.5	33.3	196.8
South Atlantic	245.2	57.2	171.9	25.3	231.6	731.1
Delaware	0.0	0.0	0.0	0.0	0.0	0.0
District of Columbia	0.0	0.0	0.0	18.5	0.0	18.5
Florida	59.5	5.0	20.7	4.7	114.4	204.3
Georgia	24.1	2.3	26.7	1.0	2.7	56.8
Maryland	90.8	32.4	76.9	0.3	60.8	261.2
North Carolina	51.5	11.3	32.6	0.2	40.9	136.5
South Carolina	12.9	4.0	9.1	0.2	11.7	38.0
Virginia	2.8	0.4	0.5	0.0	0.1	3.7
West Virginia	3.7	1.9	5.4	0.3	0.9	12.1
West	550.6	411.2	781.1	694.1	309.1	2,746.2
Pacific Northwest	151.5	7.8	200.1	221.9	12.2	593.4
Idaho	6.2	3.8	21.7	4.2	9.5	45.4
Montana	0.2	0.0	0.1	0.0	0.3	0.6
Oregon	52.2	0.4	97.8	1.2	0.4	151.9
Washington	93.0	3.7	80.5	44.3	0.0	221.4
BPA and NEEA****	0.0	0.0	0.0	172.1	2.0	174.1

	Residential*	Low Income	Commercial & Industrial	Other or Not Broken Out**	Demand Response***	Grand Total
Pacific West	226.5	388.9	409.8	441.6	198.9	1,665.7
Alaska	0.0	0.0	0.0	0.0	0.0	0.0
California	212.9	388.9	393.3	434.3	198.9	1,628.4
Hawaii	13.6	0.0	16.5	7.3	0.0	37.4
Southwest	172.6	14.5	171.2	30.7	98.0	487.0
Arizona	53.5	3.9	53.5	12.4	8.6	132.0
Colorado	35.6	6.9	51.2	4.2	49.2	147.2
Nevada	22.8	0.3	19.4	1.8	24.2	68.6
New Mexico	10.6	2.0	15.1	6.4	8.9	42.9
Utah	47.0	1.3	27.8	5.5	7.1	88.6
Wyoming	3.1	0.1	4.2	0.4	0.0	7.7
Total	2,270.1	916.7	3,001.4	1,332.5	785.2	8,305.9

Notes:

No organization responded with data in states marked with " - ".

* Includes expenditures in the multifamily customer class for natural gas programs.

** Includes (1) programs that span more than one customer class and (2) total dollar amounts where respondents did not break out expenditures by customer class.

*** CEE made an effort to convey to respondents that we only wanted information on demand response programs that were administered by program administrators, as opposed to those administered by an ISO (such as Alberta Electric Systems Operator).

**** "BPA and NEEA" is defined as program activities carried out by the Bonneville Power Administration (BPA) and the Northwest Energy Efficiency Alliance (NEEA) in Idaho, Montana, Oregon, and Washington. Other energy efficiency programs in those states are reported separately by state.

Table 3. US Electric and Gas Program Expenditures by State, 2014 (Millions USD)

	Residential*	Low Income	Commercial & Industrial	Other or Not Broken Out**	Demand Response***	Grand Total
Northeast	720.9	234.6	814.2	201.9	36.3	2,007.8
New England	409.4	106.6	386.0	127.5	0.0	1,029.4
Connecticut	57.8	30.7	80.0	31.1	0.0	199.6
Maine	7.9	3.3	8.1	0.9	0.0	20.2
Massachusetts	304.8	64.0	250.8	13.9	0.0	633.5
New Hampshire	11.1	4.3	13.9	0.1	0.0	29.4
Rhode Island	9.9	4.3	5.7	81.5	0.0	101.3
Vermont	17.9	0.1	27.5	0.0	0.0	45.5
Mid-Atlantic	311.5	128.0	428.2	74.4	36.3	978.4
New Jersey	129.1	31.7	100.1	6.5	6.5	274.0
New York	113.6	62.5	272.2	40.9	19.6	508.9
Pennsylvania	68.8	33.7	55.8	27.0	10.2	195.6
Midwest	458.3	100.3	487.3	344.6	79.8	1,470.3
Illinois	53.8	20.1	76.8	225.3	3.6	379.7
Indiana	55.9	4.6	59.8	17.1	9.8	147.2
Iowa	50.5	4.4	54.4	26.5	38.7	174.5
Kansas	0.0	0.0	0.0	0.0	0.0	0.0
Michigan	81.8	19.5	85.5	17.6	0.0	204.4
Minnesota	52.3	8.3	60.9	32.8	12.6	166.8
Missouri	31.6	5.3	25.4	5.3	3.0	70.6
Nebraska	1.0	0.0	1.6	0.3	2.5	5.4
North Dakota	0.0	0.0	0.0	0.0	1.5	1.5
Ohio	92.1	37.5	78.1	7.3	7.3	222.3
South Dakota	2.2	0.0	1.2	0.2	0.3	3.9
Wisconsin	37.1	0.6	43.7	12.2	0.5	94.0
South	506.1	80.3	413.1	114.0	411.7	1,525.3
South Central	159.6	32.9	148.8	108.5	103.2	552.9
Alabama	4.8	0.0	7.4	0.0	27.9	40.1
Arkansas	31.0	0.0	40.2	11.5	7.8	90.5
Kentucky	26.3	1.2	10.4	0.0	12.3	50.3
Louisiana	0.9	0.5	0.8	1.8	0.0	4.0
Mississippi	3.4	0.0	8.1	0.1	0.7	12.3
Oklahoma	31.0	3.3	13.8	34.5	2.4	84.9
Tennessee	19.5	0.0	30.9	0.0	15.7	66.1
Texas	42.6	27.8	37.1	60.7	36.4	204.7
South Atlantic	346.5	47.5	264.3	5.5	308.5	972.3
Delaware	0.0	0.0	0.0	0.0	9.6	9.6
District of Columbia	3.8	5.0	7.0	0.0	2.8	18.6
Florida	150.0	5.4	39.1	4.9	185.7	385.2
Georgia	0.8	0.0	0.1	0.0	2.1	3.1
Maryland	113.6	30.9	175.2	0.1	65.6	385.5
North Carolina	57.2	3.1	29.7	0.2	33.2	123.3
South Carolina	14.8	0.8	8.0	0.3	9.3	33.1
Virginia	2.3	0.3	0.3	0.0	0.1	3.0
West Virginia	4.0	1.9	5.0	0.1	0.1	11.0
West	513.8	267.3	727.1	637.8	413.5	2,559.5
Pacific Northwest	136.4	6.8	181.1	174.9	11.1	510.4
Idaho	1.2	0.8	1.4	24.3	10.4	38.1
Montana	0.1	0.0	0.0	0.0	0.0	0.1
Oregon	46.2	0.3	91.4	1.1	0.2	139.3
Washington	88.9	5.7	88.3	26.7	0.0	209.6
BPA and NEEA****	0.0	0.0	0.0	122.8	0.5	123.3

	Residential*	Low Income	Commercial & Industrial	Other or Not Broken Out**	Demand Response***	Grand Total
Pacific West	221.8	245.0	403.6	419.6	304.5	1,594.4
Alaska	0.0	0.0	0.0	0.0	0.0	0.0
California	217.4	245.0	400.1	391.4	304.5	1,253.9
Hawaii	4.4	0.0	3.5	28.2	0.0	36.0
Southwest	155.6	15.4	142.4	43.3	97.9	454.7
Arizona	45.7	3.8	44.2	30.3	6.2	130.1
Colorado	29.3	7.0	41.1	3.2	42.4	122.9
Nevada	18.2	0.2	13.3	3.4	16.0	51.1
New Mexico	9.5	3.4	12.4	3.0	9.1	37.4
Utah	51.3	1.0	28.6	2.9	24.2	107.9
Wyoming	1.7	0.0	2.9	0.6	0.0	5.2
Total	2,199.1	682.4	2,441.7	1,298.3	941.4	7,562.8

Notes:

No organization responded with data in states marked with " - ".

* Includes expenditures in the multifamily customer class for natural gas programs.

** Includes (1) programs that span more than one customer class and (2) total dollar amounts where respondents did not break out expenditures by customer class.

*** CEE made an effort to convey to respondents that we only wanted information on demand response programs that were administered by program administrators, as opposed to those administered by an ISO (such as Alberta Electric Systems Operator).

**** "BPA and NEEA" is defined as program activities carried out by the Bonneville Power Administration (BPA) and the Northwest Energy Efficiency Alliance (NEEA) in Idaho, Montana, Oregon, and Washington. Other energy efficiency programs in those states are reported separately by state.

Table 4. US Electric Program Budgets by State, 2015 (Millions USD)

	Residential	Low Income	C&I	Other or Not Broken Out*	Total Efficiency	Total Incentive-Based**	Total Time-Based**	Other DR or DR Not Broken Out*	Total Demand Response	Grand Total
Northeast	522.2	145.4	1,205.5	208.8	2,081.9	46.4	0.0	1.4	47.8	2,129.7
New England	254.4	83.8	432.8	111.4	882.4	0.0	0.0	0.0	0.0	882.4
Connecticut	35.6	16.4	68.5	24.3	144.8	0.0	0.0	0.0	0.0	144.8
Maine	11.5	4.1	23.6	4.5	43.7	0.0	0.0	0.0	0.0	43.7
Massachusetts	158.7	51.3	274.6	64.3	549.0	0.0	0.0	0.0	0.0	549.0
New Hampshire	6.0	2.3	8.7	0.5	17.6	0.0	0.0	0.0	0.0	17.6
Rhode Island	28.3	9.7	29.1	10.5	77.6	0.0	0.0	0.0	0.0	77.6
Vermont	14.2	0.0	28.2	7.3	49.7	0.0	0.0	0.0	0.0	49.7
Mid-Atlantic	267.8	61.7	772.7	97.4	1,199.5	46.4	0.0	1.4	47.8	1,247.3
New Jersey	56.3	14.0	189.9	13.6	273.8	0.0	0.0	0.0	0.0	273.8
New York	138.3	27.2	516.5	55.0	737.0	36.3	0.0	1.3	37.6	774.5
Pennsylvania	73.3	20.4	66.3	28.8	188.8	10.1	0.0	0.1	10.2	199.0
Midwest	336.3	59.6	466.9	262.7	1,125.5	77.7	14.6	2.4	94.6	1,220.1
Illinois	30.4	20.1	111.1	154.9	316.5	3.7	0.0	0.0	3.7	320.2
Indiana	35.4	3.4	38.7	6.7	84.2	5.1	0.0	2.4	7.5	91.7
Iowa	40.2	1.9	47.2	11.6	100.9	38.6	0.0	0.0	38.6	139.4
Kansas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Michigan	66.9	12.9	71.8	18.2	169.7	0.0	0.0	0.0	0.0	169.7
Minnesota	25.8	4.0	48.1	22.3	100.2	14.7	0.0	0.0	14.7	114.9
Missouri	39.6	4.1	35.2	11.1	90.1	0.0	3.7	0.0	3.7	93.8
Nebraska	0.9	0.0	1.5	0.3	2.7	0.0	2.8	0.0	2.8	5.4
North Dakota.....	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	1.3	1.3
Ohio	75.7	13.3	86.7	15.2	190.9	12.9	8.1	0.0	21.0	211.9
South Dakota	0.5	0.0	1.1	0.1	1.7	0.7	0.0	0.0	0.7	2.5
Wisconsin	20.7	0.0	25.6	22.2	68.6	0.6	0.0	0.0	0.6	69.2
South	366.1	102.6	328.1	85.7	882.6	257.1	58.1	18.5	333.7	1,216.3
South Central	151.1	52.7	160.9	65.0	429.6	62.6	27.2	12.4	102.1	531.7
Alabama	1.6	0.0	6.9	4.6	13.1	2.0	22.6	0.0	24.6	37.7
Arkansas	31.0	0.1	18.0	28.2	77.3	11.3	0.0	0.0	11.3	88.6
Kentucky	23.2	0.6	11.2	5.4	40.4	2.2	0.0	12.4	14.6	55.0
Louisiana.....	5.5	1.4	6.3	0.1	13.4	0.0	0.0	0.0	0.0	13.4
Mississippi	6.5	0.0	11.0	0.0	17.5	0.7	0.0	0.0	0.7	18.2
Oklahoma	23.9	3.2	21.0	22.6	70.8	0.0	3.6	0.0	3.6	74.4
Tennessee	7.6	0.0	30.4	0.0	38.1	14.0	0.0	0.0	14.0	52.1
Texas	51.8	47.3	56.0	3.9	159.0	32.4	1.0	0.0	33.3	192.4
South Atlantic	215.1	49.9	167.2	20.8	453.0	194.6	30.9	6.1	231.6	684.6
Delaware	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
District of Columbia	0.0	0.0	0.0	18.5	18.5	0.0	0.0	0.0	0.0	18.5
Florida	43.8	5.0	17.4	0.7	66.9	101.0	7.3	6.1	114.4	181.2
Georgia	24.1	2.3	26.7	1.0	54.0	2.7	0.0	0.0	2.7	56.8
Maryland	80.0	25.8	76.0	0.3	182.1	37.2	23.6	0.0	60.8	242.9
North Carolina	50.6	11.1	32.6	0.0	94.3	40.9	0.0	0.0	40.9	135.2
South Carolina	12.9	3.8	9.1	0.0	25.9	11.7	0.0	0.0	11.7	37.6
Virginia	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.2
West Virginia.....	3.7	1.9	5.4	0.3	11.2	0.9	0.0	0.0	0.9	12.1
West	446.9	194.0	694.6	630.3	1,965.9	218.0	83.4	7.8	309.1	2,275.0
Pacific Northwest	131.4	6.9	182.3	217.9	538.5	10.2	0.0	2.0	12.2	550.7
Idaho	6.2	3.8	21.7	4.2	35.9	9.5	0.0	0.0	9.5	45.4
Montana	0.0	0.0	0.1	0.0	0.2	0.3	0.0	0.0	0.3	0.4
Oregon	41.6	0.0	85.5	1.2	128.3	0.4	0.0	0.0	0.4	128.7
Washington	83.6	3.1	75.0	40.4	202.2	0.0	0.0	0.0	0.0	202.2
BPA and NEEA***	0.0	0.0	0.0	172.1	172.1	0.0	0.0	2.0	2.0	174.1

	Residential	Low Income	C&I	Other or Not Broken Out*	Total Efficiency	Total Incentive-Based**	Total Time-Based**	Other DR or DR Not Broken Out*	Total Demand Response	Grand Total
Pacific West	181.2	180.0	349.9	385.8	1,096.9	114.4	78.8	5.7	198.9	1,295.8
Alaska	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
California	167.6	180.0	333.5	378.5	1,059.6	114.4	78.8	5.7	198.9	1,258.5
Hawaii	13.6	0.0	16.5	7.3	37.4	0.0	0.0	0.0	0.0	37.4
Southwest	134.3	7.1	162.4	26.6	330.4	93.5	4.6	0.0	98.0	428.4
Arizona	50.5	3.2	52.7	12.4	118.8	4.8	3.8	0.0	8.6	127.4
Colorado	27.8	3.0	48.4	2.4	81.6	48.5	0.7	0.0	49.2	130.9
Nevada	19.4	0.1	18.8	1.6	39.8	24.2	0.0	0.0	24.2	64.0
New Mexico	9.0	0.5	13.9	6.2	29.7	8.9	0.0	0.0	8.9	38.6
Utah	24.6	0.3	24.5	3.6	53.0	7.1	0.0	0.0	7.1	60.1
Wyoming	2.9	0.1	4.1	0.4	7.5	0.0	0.0	0.0	0.0	7.5
Total	1,671.5	501.7	2,695.1	1,187.5	6,055.9	599.2	156.0	29.9	785.2	6,841.1

Notes:

No organization responded with data in states marked with " - ".

* Includes (1) programs that span more than one customer class or DR program type and (2) total dollar amounts where respondents did not break out expenditures by customer class or DR program type.

** A large number of program administrators reported that they did not administer any kind of demand response programs. CEE made an effort to convey to respondents that we only wanted information on demand response programs that were administered by program administrators, as opposed to those administered by an ISO (such as Alberta Electric Systems Operator).

*** "BPA and NEEA" is defined as program activities carried out by the Bonneville Power Administration (BPA) and the Northwest Energy Efficiency Alliance (NEEA) in Idaho, Montana, Oregon, and Washington. Other energy efficiency programs in those states are reported separately by state.

Table 5. US Electric Program Expenditures by State, 2014 (Millions USD)

	Residential	Low Income	C&I	Other or Not Broken Out*	Total Efficiency	Total Incentive-Based**	Total Time-Based**	Other DR or DR Not Broken Out*	Total Demand Response	Grand Total
Northeast	442.8	118.7	719.4	193.1	1,474.1	28.2	0.0	8.1	36.3	1,510.4
New England	254.6	77.1	330.8	121.6	784.2	0.0	0.0	0.0	0.0	784.2
Connecticut	43.2	18.6	68.6	25.6	156.1	0.0	0.0	0.0	0.0	156.1
Maine	7.7	2.6	7.9	0.9	19.1	0.0	0.0	0.0	0.0	19.1
Massachusetts	178.6	52.7	216.6	13.9	461.7	0.0	0.0	0.0	0.0	461.7
New Hampshire	8.7	3.1	10.9	0.1	22.9	0.0	0.0	0.0	0.0	22.9
Rhode Island	0.0	0.0	0.0	81.1	81.1	0.0	0.0	0.0	0.0	81.1
Vermont	16.4	0.0	26.8	0.0	43.2	0.0	0.0	0.0	0.0	43.2
Mid-Atlantic	188.3	41.6	388.6	71.5	689.9	28.2	0.0	8.1	36.3	726.2
New Jersey	51.6	12.7	87.3	4.9	156.5	0.0	0.0	6.5	6.5	163.0
New York	71.5	12.7	245.8	40.9	370.8	18.1	0.0	1.5	19.6	390.5
Pennsylvania	65.2	16.2	55.6	25.6	162.6	10.1	0.0	0.1	10.2	172.8
Midwest	312.6	53.0	413.5	320.9	1,099.9	73.2	0.0	6.7	79.8	1,179.7
Illinois	20.7	10.8	45.4	216.3	293.2	3.6	0.0	0.0	3.6	296.8
Indiana	44.3	4.0	56.9	12.7	117.8	9.0	0.0	0.7	9.8	127.6
Iowa	27.8	1.4	48.5	24.3	102.0	38.7	0.0	0.0	38.7	140.7
Kansas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Michigan	58.7	11.6	75.9	17.6	163.8	0.0	0.0	0.0	0.0	163.8
Minnesota	28.8	3.3	49.0	29.0	110.0	12.6	0.0	0.0	12.6	122.6
Missouri	29.2	3.5	25.1	4.6	62.5	0.0	0.0	3.0	3.0	65.5
Nebraska	1.0	0.0	1.6	0.3	2.9	0.0	0.0	2.5	2.5	5.4
North Dakota.....	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.4	1.5	1.5
Ohio	71.6	18.4	75.5	6.4	171.9	7.3	0.0	0.0	7.3	179.2
South Dakota.....	0.3	0.0	1.0	0.2	1.4	0.3	0.0	0.0	0.3	1.8
Wisconsin	30.1	0.0	34.7	9.5	74.4	0.5	0.0	0.0	0.5	74.9
South	460.7	72.8	403.2	105.7	1,042.3	364.2	3.3	44.2	411.7	1,454.0
South Central	142.2	31.4	142.4	105.0	421.0	62.9	3.3	37.1	103.2	524.3
Alabama	4.8	0.0	7.4	0.0	12.2	2.1	0.0	25.9	27.9	40.1
Arkansas	24.9	0.0	35.8	11.2	71.9	7.8	0.0	0.0	7.8	79.7
Kentucky	25.6	0.4	10.4	0.0	36.4	2.3	0.0	10.0	12.3	48.7
Louisiana.....	0.9	0.5	0.8	1.8	4.0	0.0	0.0	0.0	0.0	4.0
Mississippi	3.2	0.0	7.9	0.0	11.2	0.7	0.0	0.0	0.7	11.8
Oklahoma	22.8	3.1	12.2	31.4	69.6	0.0	2.4	0.0	2.4	72.0
Tennessee	19.5	0.0	30.9	0.0	50.4	15.7	0.0	0.0	15.7	66.1
Texas	40.5	27.3	37.0	60.6	165.4	34.3	0.9	1.2	36.4	201.8
South Atlantic	318.5	41.4	260.7	0.7	621.3	301.3	0.0	7.1	308.5	929.8
Delaware	0.0	0.0	0.0	0.0	0.0	9.6	0.0	0.0	9.6	9.6
District of Columbia	3.8	5.0	7.0	0.0	15.8	2.8	0.0	0.0	2.8	18.6
Florida	136.0	5.4	35.7	0.5	177.7	178.6	0.0	7.1	185.7	363.4
Georgia	0.8	0.0	0.1	0.0	1.0	2.1	0.0	0.0	2.1	3.1
Maryland	102.7	25.5	175.2	0.1	303.5	65.6	0.0	0.0	65.6	369.1
North Carolina	56.3	2.9	29.7	0.0	88.9	33.2	0.0	0.0	33.2	122.0
South Carolina	14.8	0.8	8.0	0.0	23.5	9.3	0.0	0.0	9.3	32.8
Virginia	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.2
West Virginia.....	4.0	1.9	5.0	0.1	10.9	0.1	0.0	0.0	0.1	11.0
West	414.7	93.3	648.2	581.7	1,737.9	322.6	2.6	88.3	413.5	2,151.4
Pacific Northwest	113.4	5.3	161.4	173.5	453.5	0.0	0.0	11.1	11.1	464.7
Idaho	1.1	0.8	1.4	24.3	27.7	0.0	0.0	10.4	10.4	38.0
Montana	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Oregon	33.7	0.0	77.9	1.1	112.7	0.0	0.0	0.2	0.2	112.9
Washington	78.5	4.6	82.0	25.3	190.4	0.0	0.0	0.0	0.0	190.4
BPA and NEEA***	0.0	0.0	0.0	122.8	122.8	0.0	0.0	0.5	0.5	123.3

	Residential	Low Income	C&I	Other or Not Broken Out*	Total Efficiency	Total Incentive-Based**	Total Time-Based**	Other DR or DR Not Broken Out*	Total Demand Response	Grand Total
Pacific West	180.3	79.2	351.3	367.9	978.6	228.4	2.2	73.9	304.5	1,283.1
Alaska	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
California	175.9	79.2	347.8	339.7	942.6	228.4	2.2	73.9	304.5	1,247.1
Hawaii	4.4	0.0	3.5	28.2	36.0	0.0	0.0	0.0	0.0	36.0
Southwest	121.1	8.8	135.5	40.4	305.8	94.2	0.3	3.4	97.9	403.6
Arizona	43.4	3.4	44.0	30.3	121.2	2.5	0.3	3.4	6.2	127.4
Colorado	21.2	3.2	39.2	1.6	65.1	42.4	0.0	0.0	42.4	107.5
Nevada	8.0	2.0	11.2	2.9	24.1	9.1	0.0	0.0	9.1	33.2
New Mexico	16.5	0.0	13.1	3.3	32.8	16.0	0.0	0.0	16.0	48.8
Utah	30.3	0.2	25.2	1.8	57.4	24.2	0.0	0.0	24.2	81.6
Wyoming	1.6	0.0	2.9	0.6	5.1	0.0	0.0	0.0	0.0	5.1
Total	1,630.8	337.7	2,184.3	1,201.3	5,354.2	788.2	5.9	147.2	941.4	6,295.5

Notes:

No organization responded with data in states marked with " - ".

* Includes (1) programs that span more than one customer class or DR program type and (2) total dollar amounts where respondents did not break out expenditures by customer class or DR program type.

** A large number of program administrators reported that they did not administer any kind of demand response programs. CEE made an effort to convey to respondents that we only wanted information on demand response programs that were administered by program administrators, as opposed to those administered by an ISO (such as Alberta Electric Systems Operator).

*** "BPA and NEEA" is defined as program activities carried out by the Bonneville Power Administration (BPA) and the Northwest Energy Efficiency Alliance (NEEA) in Idaho, Montana, Oregon, and Washington. Other energy efficiency programs in those states are reported separately by state.

Table 6. US Gas Program Budgets by State, 2015 (Millions USD)

	Residential	Low Income	Multifamily	Commercial & Industrial	Other	Grand Total
Northeast	258.1	139.1	43.9	119.1	34.0	594.2
New England	115.4	28.0	29.3	78.9	6.9	258.5
Connecticut	15.8	8.1	0.4	12.8	6.2	43.3
Maine	0.5	0.3	0.0	1.0	0.2	2.0
Massachusetts	86.3	13.4	27.2	53.8	0.0	180.7
New Hampshire	2.5	1.1	0.0	3.0	0.0	6.7
Rhode Island	8.8	5.0	1.7	7.4	0.5	23.4
Vermont	1.5	0.1	0.0	0.8	0.0	2.4
Mid-Atlantic	142.7	111.0	14.6	40.2	27.1	335.7
New Jersey	107.7	20.7	1.1	15.4	3.3	148.2
New York	29.8	71.1	13.5	24.0	22.6	161.1
Pennsylvania	5.2	19.2	0.0	0.8	1.2	26.4
Midwest	131.6	50.0	13.2	90.5	37.7	323.0
Illinois	27.3	5.5	6.6	37.1	14.5	90.9
Indiana	11.4	2.2	0.5	4.1	3.9	22.1
Iowa	22.5	3.6	1.7	10.3	1.7	39.9
Kansas	0.0	0.0	0.0	0.0	0.0	0.0
Michigan	17.0	7.9	2.5	9.4	5.5	42.2
Minnesota	22.2	8.9	0.2	17.4	4.5	53.2
Missouri	1.8	1.8	0.9	0.8	2.0	7.4
Nebraska	0.0	0.0	0.0	0.0	0.0	0.0
North Dakota	0.0	0.0	0.0	0.0	0.0	0.0
Ohio	22.5	18.7	0.2	4.3	1.1	46.8
South Dakota	1.1	0.0	0.0	0.2	0.0	1.4
Wisconsin	5.7	1.4	0.7	7.0	4.4	19.2
South	47.6	8.6	0.5	10.1	9.5	76.4
South Central	17.5	1.3	0.5	5.5	5.0	29.9
Alabama	0.0	0.0	0.0	0.0	0.0	0.0
Arkansas	6.3	0.0	0.0	3.1	0.3	9.7
Kentucky	0.6	0.5	0.0	0.0	0.0	1.2
Louisiana	0.0	0.0	0.0	0.0	0.0	0.0
Mississippi	0.7	0.0	0.0	0.4	0.0	1.1
Oklahoma	7.9	0.3	0.5	1.8	3.1	13.5
Tennessee	0.0	0.0	0.0	0.0	0.0	0.0
Texas	2.0	0.6	0.0	0.2	1.6	4.4
South Atlantic	30.1	7.3	0.0	4.6	4.5	46.5
Delaware	0.0	0.0	0.0	0.0	0.0	0.0
District of Columbia	0.0	0.0	0.0	0.0	0.0	0.0
Florida	15.7	0.0	0.0	3.3	4.1	23.1
Georgia	0.0	0.0	0.0	0.0	0.0	0.0
Maryland	10.8	6.6	0.0	0.9	0.0	18.3
North Carolina	0.9	0.2	0.0	0.0	0.2	1.3
South Carolina	0.0	0.1	0.0	0.0	0.2	0.4
Virginia	2.7	0.4	0.0	0.4	0.0	3.5
West Virginia	0.0	0.0	0.0	0.0	0.0	0.0

	Residential	Low Income	Multifamily	Commercial & Industrial	Other	Grand Total
West	92.7	217.2	11.0	86.5	63.8	471.2
Pacific Northwest	19.0	0.9	1.1	17.8	3.9	42.7
Idaho	0.0	0.0	0.0	0.0	0.0	0.0
Montana	0.1	0.0	0.0	0.0	0.0	0.1
Oregon	10.6	0.4	0.0	12.3	0.0	23.3
Washington	8.3	0.6	1.1	5.4	3.9	19.3
Pacific West	38.7	208.9	6.6	59.9	55.8	369.9
Alaska	0.0	0.0	0.0	0.0	0.0	0.0
California	38.7	208.9	6.6	59.9	55.8	369.9
Hawaii	-	-	-	-	-	-
Southwest	35.0	7.4	3.3	8.8	4.1	58.6
Arizona	3.0	0.7	0.0	0.8	0.0	4.6
Colorado	7.8	3.9	0.1	2.8	1.8	16.3
Nevada	3.4	0.3	0.0	0.7	0.2	4.6
New Mexico	1.3	1.5	0.2	1.2	0.1	4.4
Utah	19.3	1.1	3.0	3.3	1.9	28.5
Wyoming	0.2	0.0	0.0	0.0	0.0	0.2
Total	530.1	414.9	68.5	306.2	145.0	1,464.8

Notes:

No organizations responded with data in states marked with " - ".

Table 7. US Gas Program Expenditures by State, 2014 (Millions USD)

	Residential	Low Income	Multifamily	Commercial & Industrial	Other	Grand Total
Northeast	229.1	49.0	115.9	94.7	8.8	497.5
New England	123.0	31.8	29.5	55.1	5.8	245.2
Connecticut	13.8	0.8	12.1	11.3	5.5	43.5
Maine	0.3	0.0	0.7	0.2	0.0	1.1
Massachusetts	96.6	29.7	11.3	34.2	0.0	171.7
New Hampshire	2.4	0.0	1.1	3.0	0.0	6.5
Rhode Island	8.6	1.3	4.3	5.7	0.4	20.2
Vermont	1.4	0.0	0.1	0.7	0.0	2.3
Mid-Atlantic	106.0	17.2	86.4	39.6	3.0	252.2
New Jersey	73.0	4.6	19.0	12.8	1.6	111.0
New York	29.4	12.7	49.9	26.5	0.0	118.4
Pennsylvania	3.6	0.0	17.5	0.3	1.4	22.8
Midwest	130.5	15.2	47.3	73.8	23.8	290.5
Illinois	24.0	9.0	9.4	31.4	9.0	82.9
Indiana	10.7	0.9	0.7	2.9	4.4	19.6
Iowa	21.5	1.2	3.0	5.9	2.2	33.9
Kansas	0.0	0.0	0.0	0.0	0.0	0.0
Michigan	20.6	2.5	7.9	9.6	0.0	40.6
Minnesota	23.4	0.1	5.0	11.9	3.8	44.2
Missouri	1.7	0.7	1.7	0.2	0.7	5.0
Nebraska	0.0	0.0	0.0	0.0	0.0	0.0
North Dakota	0.0	0.0	0.0	0.0	0.0	0.0
Ohio	20.4	0.2	19.0	2.6	0.9	43.1
South Dakota	1.9	0.0	0.0	0.3	0.0	2.1
Wisconsin	6.4	0.6	0.6	9.0	2.7	19.1
South	45.3	0.1	7.6	10.0	8.3	71.2
South Central	17.2	0.1	1.5	6.4	3.5	28.7
Alabama	0.0	0.0	0.0	0.0	0.0	0.0
Arkansas	6.1	0.0	0.0	4.4	0.3	10.8
Kentucky	0.7	0.0	0.8	0.1	0.0	1.5
Louisiana	0.0	0.0	0.0	0.0	0.0	0.0
Mississippi	0.2	0.0	0.0	0.2	0.1	0.5
Oklahoma	8.0	0.1	0.2	1.5	3.1	12.9
Tennessee	0.0	0.0	0.0	0.0	0.0	0.0
Texas	2.2	0.0	0.6	0.2	0.0	2.9
South Atlantic	28.1	0.0	6.1	3.6	4.8	42.6
Delaware	0.0	0.0	0.0	0.0	0.0	0.0
District of Columbia	0.0	0.0	0.0	0.0	0.0	0.0
Florida	14.0	0.0	0.0	3.4	4.4	21.8
Georgia	0.0	0.0	0.0	0.0	0.0	0.0
Maryland	10.9	0.0	5.4	0.0	0.0	16.4
North Carolina	0.9	0.0	0.2	0.0	0.2	1.3
South Carolina	0.0	0.0	0.1	0.0	0.3	0.3
Virginia	2.3	0.0	0.3	0.2	0.0	2.8
West Virginia	0.0	0.0	0.0	0.0	0.0	0.0

	Residential	Low Income	Multifamily	Commercial & Industrial	Other	Grand Total
West	90.4	8.6	174.0	79.0	56.1	408.1
Pacific Northwest	22.2	0.8	1.5	19.8	1.4	45.7
Idaho	0.0	0.0	0.0	0.0	0.0	0.0
Montana	0.1	0.0	0.0	0.0	0.0	0.1
Oregon	12.5	0.0	0.3	13.5	0.0	26.4
Washington	9.6	0.8	1.1	6.2	1.4	19.2
Pacific West	36.8	4.7	165.8	52.3	51.7	311.3
Alaska	0.0	0.0	0.0	0.0	0.0	0.0
California	36.8	4.7	165.8	52.3	51.7	311.3
Hawaii	-	-	-	-	-	-
Southwest	31.4	3.2	6.6	6.9	2.9	51.0
Arizona	2.2	0.0	0.4	0.1	0.0	2.8
Colorado	8.1	0.0	3.9	1.9	1.6	15.4
Nevada	1.7	0.0	0.2	0.2	0.1	2.3
New Mexico	1.5	0.0	1.3	1.2	0.1	4.2
Utah	17.8	3.2	0.8	3.4	1.1	26.3
Wyoming	0.1	0.0	0.0	0.0	0.0	0.1
Total	495.3	72.9	344.7	257.4	96.9	1267.3

Notes:

No organizations responded with data in states marked with " - ".

Table 8. Canadian Electric and Gas Program Budgets by Province, Including Demand Response, 2009 - 2015 (Millions USD)

	2009	2010	2011	2012	2013	2014	2015
Alberta	1.8	-	-	-	-	-	0.0
British Columbia	114.9	-	207.1	239.1	239.1	239.3	141.6
Manitoba	57.3	61.4	65.0	-	-	39.1	12.6
New Brunswick*	24.4	17.5	-	-	-	-	-
Newfoundland and Labrador	-	1.7	1.2	-	-	5.2	6.1
Nova Scotia	-	-	21.5	-	-	43.6	31.6
Ontario	315.8	-	393.1	437.6	437.6	482.5	452.2
Prince Edward Island	-	-	-	-	-	-	-
Québec	252.0	258.2	238.0	-	-	197.4	104.5
Saskatchewan	1.8	-	-	27.1	27.1	26.9	15.2
Additional Canadian Gas Budgets***.....	-	-	-	61.7	61.7	30.6	-
Additional Aggregated Budgets****.....	-	426.0	14.4	377.7	377.7	-	-
Total	768.0	764.8	940.3	1,143.2	1,143.2	1,064.7	763.7

Canadian Electric and Gas Program Budgets by Province, Including Demand Response, 2009 - 2015 (Millions CAD)

	2009	2010	2011	2012	2013	2014	2015
Alberta	1.9	-	-	-	-	-	0.0
British Columbia	122.9	-	217.0	230.6	230.6	240.4	174.9
Manitoba	61.3	65.8	0.0	-	-	39.3	15.6
New Brunswick	26.1	18.8	-	-	-	-	-
Newfoundland and Labrador	-	1.8	1.2	-	-	5.2	7.5
Nova Scotia	-	-	22.6	-	-	43.8	39.0
Ontario	337.9	-	0.0	422.0	422.0	484.7	558.9
Prince Edward Island	-	-	-	-	-	-	-
Québec	269.7	276.5	0.0	-	-	198.3	129.2
Saskatchewan	1.9	-	-	26.1	26.1	27.1	18.7
Additional Canadian Gas Budgets**.....	-	-	-	59.5	59.5	30.7	-
Additional Aggregated Budgets***.....	-	456.3	15.0	364.2	364.2	-	-
Total	821.7	819.2	255.8	1,102.4	1,102.4	1,069.6	943.8

Notes:

Between 2009 and 2011, CEE aggregated provincial level data in cases where we received information from only one program administrator in a province. Provinces marked with this symbol " - " indicate either (1) no organization responded with data in this province or (2) only one organization responded with data in this province. CEE aggregates these totals in "Additional Aggregated Budgets".

* Efficiency programs are not funded by ratepayers.

** Total gas budgets from respondents that did not grant permission to release their data at the provincial level.

*** Total budgets in cases where only one program administrator responded with data in a province.

Table 9. Canadian Electric and Gas Program Budgets by Province, 2015 (Millions USD)

	Residential*	Low Income	Commercial & Industrial	Other or Not Broken Out**	Demand Response***	Grand Total
Alberta	0.0	0.0	0.0	0.0	0.0	0.0
British Columbia	23.1	5.0	77.3	36.1	0.0	141.6
Manitoba	2.2	5.4	4.7	0.3	0.0	12.6
New Brunswick	-	-	-	-	-	-
Newfoundland and Labrador	0.0	0.0	0.0	6.1	0.0	6.1
Nova Scotia	14.3	0.0	14.4	2.8	0.0	31.6
Ontario	5.5	12.0	23.7	330.5	80.6	452.2
Prince Edward Island	-	-	-	-	-	-
Québec	16.5	5.4	53.1	19.5	10.0	104.5
Saskatchewan	4.2	0.0	4.9	1.2	4.9	15.2
Total	65.9	27.7	178.1	396.6	95.4	763.7

Canadian Electric and Gas Program Budgets by Province, 2015 (Millions CAD)

	Residential*	Low Income	Commercial & Industrial	Other or Not Broken Out**	Demand Response***	Grand Total
Alberta	0.0	0.0	0.0	0.0	0.0	0.0
British Columbia	28.6	6.1	95.6	44.6	0.0	174.9
Manitoba	2.7	6.7	5.8	0.4	0.0	15.6
New Brunswick	-	-	-	-	-	-
Newfoundland and Labrador	0.0	0.0	0.0	7.5	0.0	7.5
Nova Scotia	17.7	0.0	17.8	3.5	0.0	39.0
Ontario	6.8	14.8	29.2	408.5	99.6	558.9
Prince Edward Island	-	-	-	-	-	-
Québec	20.4	6.6	65.7	24.2	12.3	129.2
Saskatchewan	5.2	0.0	6.0	1.5	6.0	18.7
Total	81.5	34.3	220.1	490.1	117.9	943.8

Notes:

No organization responded with data in provinces marked with " - ".

* Includes expenditures in the multifamily customer class for natural gas programs.

** Includes (1) programs that span more than one customer class and (2) total dollar amounts where respondents did not break out expenditures by customer class.

*** CEE made an effort to convey to respondents that we only wanted information on demand response programs that were administered by program administrators, as opposed to those administered by an ISO (such as Alberta Electric Systems Operator).

Table 10. Canadian Electric and Gas Program Expenditures by Province, 2014 (Millions USD)

	Residential*	Low Income	Commercial & Industrial	Other or Not Broken Out**	Demand Response***	Grand Total
Alberta	0.0	0.0	0.0	0.0	0.0	0.0
British Columbia	21.7	1.9	86.8	30.7	0.0	141.1
Manitoba	9.5	7.9	28.8	1.0	0.0	47.3
New Brunswick	-	-	-	-	-	-
Newfoundland and Labrador	0.0	0.0	0.0	4.0	0.0	4.0
Nova Scotia	0.0	0.0	0.0	39.3	0.0	39.3
Ontario	13.7	14.0	21.0	225.4	90.0	364.1
Prince Edward Island	-	-	-	-	-	-
Québec	35.5	6.5	50.6	42.1	1.8	136.6
Saskatchewan	4.5	0.1	5.3	1.7	3.8	15.5
Total	85.0	30.4	192.5	344.2	95.6	747.8

Canadian Electric and Gas Program Expenditures by Province, 2014 (Millions CAD)

	Residential*	Low Income	Commercial & Industrial	Other or Not Broken Out**	Demand Response***	Grand Total
Alberta	0.0	0.0	0.0	0.0	0.0	0.0
British Columbia	24.0	2.1	95.8	33.9	0.0	155.8
Manitoba	10.5	8.8	31.8	1.1	0.0	52.2
New Brunswick	-	-	-	-	-	-
Newfoundland and Labrador	0.0	0.0	0.0	4.4	0.0	4.4
Nova Scotia	0.0	0.0	0.0	43.4	0.0	43.4
Ontario	15.1	15.5	23.2	248.8	99.4	402.0
Prince Edward Island	-	-	-	-	-	-
Québec	39.2	7.2	55.9	46.5	2.0	150.8
Saskatchewan	5.0	0.1	5.8	1.9	4.2	17.1
Total	93.8	33.6	212.6	380.0	105.6	825.6

Notes:

No organization responded with data in provinces marked with " - ".

* Includes expenditures in the multifamily customer class for natural gas programs.

** Includes (1) programs that span more than one customer class and (2) total dollar amounts where respondents did not break out expenditures by customer class.

*** CEE made an effort to convey to respondents that we only wanted information on demand response programs that were administered by program administrators, as opposed to those administered by an ISO (such as Alberta Electric System Operator).

Table 11. Canadian Electric Program Budgets by Province, 2015 (Millions USD)

	Residential	Low Income	C&I	Other or Not Broken Out*	Total Efficiency	Total Incentive-Based**	Total Time-Based**	Other DR or DR Not Broken Out*	Total Demand Response	Grand Total
Alberta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
British Columbia	23.1	5.0	77.3	36.1	141.6	0.0	0.0	0.0	0.0	141.6
Manitoba	2.2	5.4	4.7	0.3	12.6	0.0	0.0	0.0	0.0	12.6
New Brunswick	-	-	-	-	-	-	-	-	-	-
Newfoundland and Labrador ...	0.0	0.0	0.0	6.1	6.1	0.0	0.0	0.0	0.0	6.1
Nova Scotia	14.3	0.0	14.4	2.8	31.6	0.0	0.0	0.0	0.0	31.6
Ontario	5.5	12.0	23.7	330.5	371.6	0.0	0.0	80.6	80.6	452.2
Prince Edward Island	-	-	-	-	-	-	-	-	-	-
Québec	16.5	5.4	53.1	19.5	94.6	8.0	2.0	0.0	10.0	104.5
Saskatchewan	4.2	0.0	4.9	1.2	10.3	4.9	0.0	0.0	4.9	15.2
Total	65.9	27.7	178.1	396.6	668.3	12.8	2.0	80.6	95.4	763.7

Canadian Electric Program Budgets by Province, 2015 (Millions CAD)

	Residential	Low Income	C&I	Other or Not Broken Out*	Total Efficiency	Total Incentive-Based**	Total Time-Based**	Other DR or DR Not Broken Out*	Total Demand Response	Grand Total
Alberta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
British Columbia	28.6	6.1	95.6	44.6	174.9	0.0	0.0	0.0	0.0	174.9
Manitoba	2.7	6.7	5.8	0.4	15.6	0.0	0.0	0.0	0.0	15.6
New Brunswick	-	-	-	-	-	-	-	-	-	-
Newfoundland and Labrador ...	0.0	0.0	0.0	7.5	7.5	0.0	0.0	0.0	0.0	7.5
Nova Scotia	17.7	0.0	17.8	3.5	39.0	0.0	0.0	0.0	0.0	39.0
Ontario	6.8	14.8	29.2	408.5	459.3	0.0	0.0	99.6	99.6	558.9
Prince Edward Island	-	-	-	-	-	-	-	-	-	-
Québec	20.4	6.6	65.7	24.2	116.9	9.8	2.5	0.0	12.3	129.2
Saskatchewan	5.2	0.0	6.0	1.5	12.7	6.0	0.0	0.0	6.0	18.7
Total	81.5	34.3	220.1	490.1	825.9	15.8	2.5	99.6	117.9	943.8

Notes:

No organization responded with data in provinces marked with " - ".

* Includes (1) programs that span more than one customer class or DR program type and (2) total dollar amounts where respondents did not break out expenditures by customer class or DR program type.

** A large number of program administrators reported that they did not administer any kind of demand response programs. CEE made an effort to convey to respondents that we only wanted information on demand response programs that were administered by program administrators, as opposed to those administered by an ISO (such as Alberta Electric System Operator).

Table 12. Canadian Electric Program Expenditures by Province, 2014 (Millions USD)

	Residential	Low Income	C&I	Other or Not Broken Out*	Total Efficiency	Total Incentive-Based**	Total Time-Based**	Other DR or DR Not Broken Out*	Total Demand Response	Grand Total
Alberta	-	-	-	-	-	-	-	-	-	-
British Columbia	11.9	1.7	77.6	24.9	116.1	0.0	0.0	0.0	0.0	116.1
Manitoba	7.3	0.3	23.1	0.4	31.1	0.0	0.0	0.0	0.0	31.1
New Brunswick	-	-	-	-	-	-	-	-	-	-
Newfoundland and Labrador	0.0	0.0	0.0	4.0	4.0	0.0	0.0	0.0	0.0	4.0
Nova Scotia	0.0	0.0	0.0	39.3	39.3	0.0	0.0	0.0	0.0	39.3
Ontario	0.0	0.0	0.0	214.1	214.1	0.0	0.0	90.0	90.0	304.1
Prince Edward Island	-	-	-	-	-	-	-	-	-	-
Québec	34.4	6.3	38.9	39.9	119.6	1.4	0.1	0.3	1.8	121.4
Saskatchewan	4.3	0.0	4.8	1.4	10.4	3.8	0.0	0.0	3.8	14.2
Total	57.8	8.4	144.4	324.0	534.7	5.3	0.1	90.3	95.6	630.3

Canadian Electric Program Expenditures by Province, 2014 (Millions CAD)

	Residential	Low Income	C&I	Other or Not Broken Out*	Total Efficiency	Total Incentive-Based**	Total Time-Based**	Other DR or DR Not Broken Out*	Total Demand Response	Grand Total
Alberta	-	-	-	-	-	-	-	-	-	-
British Columbia	13.1	1.9	85.7	27.5	128.2	0.0	0.0	0.0	0.0	128.2
Manitoba	8.0	0.3	25.5	0.5	34.4	0.0	0.0	0.0	0.0	34.4
New Brunswick	-	-	-	-	-	-	-	-	-	-
Newfoundland and Labrador	0.0	0.0	0.0	4.4	4.4	0.0	0.0	0.0	0.0	4.4
Nova Scotia	0.0	0.0	0.0	43.4	43.4	0.0	0.0	0.0	0.0	43.4
Ontario	0.0	0.0	0.0	236.4	236.4	0.0	0.0	99.4	99.4	335.8
Prince Edward Island	-	-	-	-	-	-	-	-	-	-
Québec	38.0	7.0	43.0	44.0	132.0	1.6	0.1	0.3	2.0	134.0
Saskatchewan	4.7	0.0	5.3	1.5	11.5	4.2	0.0	0.0	4.2	15.7
Total	63.9	9.3	159.5	357.7	590.3	5.8	0.1	99.7	105.6	695.8

Notes:

No organization responded with data in provinces marked with " - ".

* Includes (1) programs that span more than one customer class or DR program type and (2) total dollar amounts where respondents did not break out expenditures by customer class or DR program type.

** A large number of program administrators reported that they did not administer any kind of demand response programs. CEE made an effort to convey to respondents that we only wanted information on demand response programs that were administered by program administrators, as opposed to those administered by an ISO (such as Alberta Electric System Operator).

Table 13. Canadian Gas Program Budgets by Province, 2015 (Millions USD)

	Residential	Low Income	Multifamily	Commercial & Industrial	Other	Grand Total
Alberta	0.0	0.0	0.0	0.0	0.0	0.0
British Columbia	9.0	2.3	0.0	11.3	7.0	29.6
Manitoba	2.2	5.4	0.0	4.7	0.3	12.6
New Brunswick	-	-	-	-	-	-
Newfoundland and Labrador	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-
Ontario	4.3	12.0	1.2	23.7	15.8	56.9
Prince Edward Island	-	-	-	-	-	-
Québec	0.9	0.3	0.0	10.6	3.3	15.1
Saskatchewan	0.3	0.0	0.0	0.5	0.4	1.2
Total	16.7	19.9	1.2	50.7	26.7	115.3

Canadian Gas Program Budgets by Province, 2015 (Millions CAD)

	Residential	Low Income	Multifamily	C & I	Other	Grand Total
Alberta	0.0	0.0	0.0	0.0	0.0	0.0
British Columbia	11.2	2.8	0.0	13.9	8.6	36.5
Manitoba	2.7	6.7	0.0	5.8	0.4	15.6
New Brunswick	-	-	-	-	-	-
Newfoundland and Labrador	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-
Ontario	5.3	14.8	1.5	29.2	19.5	70.3
Prince Edward Island	-	-	-	-	-	-
Québec	1.1	0.3	0.0	13.2	4.1	18.7
Saskatchewan	0.4	0.0	0.0	0.6	0.5	1.4
Total	20.7	24.6	1.5	62.7	33.0	142.5

Notes:

No organization responded with data in provinces marked with "-".

Table 14. Canadian Gas Program Expenditures by Province, 2014 (Millions USD)

	Residential	Low Income	Multifamily	Commercial & Industrial	Other	Grand Total
Alberta	0.0	0.0	0.0	0.0	0.0	0.0
British Columbia	9.9	0.0	0.1	9.2	5.8	25.0
Manitoba	2.2	0.0	7.6	5.7	0.6	16.1
New Brunswick	-	-	-	-	-	-
Newfoundland and Labrador	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-
Ontario	11.1	2.6	14.0	21.0	11.2	60.0
Prince Edward Island	-	-	-	-	-	-
Québec	1.1	0.0	0.2	11.7	2.3	15.2
Saskatchewan	0.2	0.0	0.1	0.5	0.4	1.2
Total	24.6	2.6	22.1	48.1	20.3	117.6

Canadian Gas Program Expenditures by Province, 2014 (Millions CAD)

	Residential	Low Income	Multifamily	Commercial & Industrial	Other	Grand Total
Alberta	0.0	0.0	0.0	0.0	0.0	0.0
British Columbia	10.9	0.0	0.1	10.1	6.4	27.6
Manitoba	2.5	0.0	8.4	6.3	0.7	17.8
New Brunswick	-	-	-	-	-	-
Newfoundland and Labrador	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-
Ontario	12.3	2.9	15.5	23.2	12.4	66.2
Prince Edward Island	-	-	-	-	-	-
Québec	1.2	0.0	0.2	12.9	2.5	16.8
Saskatchewan	0.3	0.0	0.1	0.6	0.4	1.4
Total	27.1	2.9	24.3	53.1	22.4	129.8

Notes:

No organization responded with data in provinces marked with " - ".