

APPENDIX F - NATURAL GAS EFFICIENCY PROGRAM GROSS ENERGY SAVINGS BY REGION

2018 Energy Savings and Emissions by Region (Therms and Btu)

REGION	RESIDENTIAL	LOW INCOME	MULTI FAMILY	COMMERCIAL	INDUSTRIAL	OTHER	TOTAL ENERGY SAVINGS (THERM)	TOTAL ENERGY SAVINGS (TRILLION BTU)	CO2 EMISSIONS AVOIDED (METRIC TONS)	Emissions Saved From X Miles Driven by an Average Vehicle	Emissions Saved From Keeping X Vehicles off the Road for One Year	X HOMES' ENERGY USE FOR ONE YEAR
NORTHEAST	33,463,912	7,940,171	2,415,950	32,160,745	10,715,077	532,664	87,228,518	8.72	462,311	1,147,174,064	99,851	53,323
MIDWEST	25,266,433	2,792,105	1,156,586	43,244,156	148,615	739,817	73,347,712	7.33	388,743	964,622,510	83,962	44,838
SOUTH	4,884,623	179,446	16,404	3,388,177	605,017	-	9,073,667	0.91	48,090	119,331,101	10,387	5,547
WEST	33,397,464	4,773,692	1,599,971	18,901,806	8,197,723	73,781,626	140,652,282	14.07	745,457	1,849,769,466	161,006	85,981
CANADA	2,748,968	1,396,486	-	82,389,766	27,871,886	16,320	114,423,426	11.44	606,444	1,504,824,210	130,981	69,947
UNITED STATES	97,012,433	15,685,414	5,188,911	97,694,883	19,666,432	75,054,107	310,302,179	31.03	1,644,602	4,080,897,141	355,206	189,689
NORTH AMERICA	99,761,401	17,081,899	5,188,911	180,084,648	47,538,318	75,070,427	424,725,605	42.47	2,251,046	5,585,721,351	486,187	259,636

* This data stems from Natural Gas utility members that participated in the energy efficiency survey within a given state/region; not all utility EE programs that may be offered within the state/region.

** States without 3 or more participating utilities were not included in this appendix as per the participation agreement to keep individual company data confidential.

*** Utilities that were unable to participate in the 2018 survey but had participated in 2017, had prior year data incorporated for consistency.

**** GHG savings and equivalencies were calculated using the EPA Greenhouse Gas Equivalencies Calculator <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

- Therms of natural gas saved to Tons of GHG saved= 0.0053 metric tons CO2/therm

- X Miles driven by the average vehicle = 4.03×10^{-4} metric tons CO2E/mile

- X Vehicles off the road per year = 4.63 metric tons CO2E/vehicle /year

- X Homes energy use for one year = 8.67 metric tons CO2 per home per year

***** Other includes combined C&I programs that were not able to get broken out.