

**APPENDIX G - NATURAL GAS EFFICIENCY PROGRAM ENERGY AND EMISSIONS SAVINGS BY STATE**

**2018 Greenhouse Gas (GHG) Savings**

STATE	2018 Energy Savings (Therms)	2018 GHG Saved (Metric Tons)	Emissions Saved From X Miles Driven by an Average Vehicle	Emissions Saved From Keeping X Vehicles off the Road for One Year
ALABAMA	-	-	-	-
ALASKA	-	-	-	-
ARIZONA	3,807,748	20,181	50,077,083	4,359
ARKANSAS	1,739,315	9,218	22,874,366	1,991
CALIFORNIA	116,180,364	615,756	1,527,930,345	132,993
COLORADO	9,035,808	47,890	118,833,207	10,343
CONNECTICUT	3,718,852	19,710	48,907,979	4,257
DELAWARE	-	-	-	-
DISTRICT OF COLUMBIA	2,131,595	11,297	28,033,386	2,440
FLORIDA	-	-	-	-
GEORGIA	-	-	-	-
IDAHO	530,823	2,813	6,981,047	608
ILLINOIS	10,147,162	53,780	133,449,029	11,616
INDIANA	9,409,216	49,869	123,744,032	10,771
IOWA	10,122,284	53,648	133,121,849	11,587
KANSAS	-	-	-	-
KENTUCKY	546,195	2,895	7,183,204	625
LOUISIANA	-	-	-	-
MAINE	465,130	2,465	6,117,094	532
MARYLAND	1,612,311	8,545	21,204,090	1,846
MASSACHUSETTS	33,272,541	176,344	437,579,323	38,087
MICHIGAN	13,644,286	72,315	179,440,982	15,619
MINNESOTA	3,439,615	18,230	45,235,632	3,937
MISSISSIPPI	820,141	4,347	10,785,973	939
MISSOURI	584,816	3,100	7,691,123	669
MONTANA	7,674	41	100,924	9
NEBRASKA	-	-	-	-
NEVADA	-	-	-	-
NEW HAMPSHIRE	-	-	-	-
NEW JERSEY	10,920,911	57,881	143,624,884	12,501
NEW MEXICO	-	-	-	-
NEW YORK	38,665,322	204,926	508,501,760	44,261
NORTH CAROLINA	282,614	1,498	3,716,760	324
NORTH DAKOTA	12,697	67	166,983	15
OHIO	2,527,027	13,393	33,233,854	2,893
OKLAHOMA	534,690	2,834	7,031,903	612
OREGON	8,128,014	43,078	106,894,477	9,304
PENNSYLVANIA	123,254	653	1,620,958	141
RHODE ISLAND	-	-	-	-
SOUTH CAROLINA	88,069	467	1,158,228	101
SOUTH DAKOTA	213,557	1,132	2,808,566	244
TENNESSEE	-	-	-	-
TEXAS	174,703	926	2,297,583	200
UTAH	10,084,120	53,446	132,619,940	11,543
VERMONT	62,508	331	822,066	72
VIRGINIA	1,144,034	6,063	15,045,608	1,310

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WASHINGTON	1,925,620	10,206	25,324,531	2,204
WEST VIRGINIA	-	-	-	-
WISCONSIN	23,247,052	123,209	305,730,461	26,611
WYOMING	27,819	147	365,858	32
<b>TOTAL</b>	<b>319,377,887</b>	<b>1,692,703</b>	<b>4,200,255,087</b>	<b>365,595</b>

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

\*\* 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 =  $4.03 \times 10^{-4}$  metric tons CO2E/mile

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

Update 09/2020