

Table 2. Summary of Energy Savings Potentials by 2018 – Electric⁸

DO NOT REMOVE FROM FILE											
	Estimated Annual Sales by 2018 (kWh)	Estimated Annual Savings by 2018 (kWh)	Savings in 2018 as % of Sector 2018 Electric Consumption	Savings in 2018 as % of Total 2018 Electric Consumption	Estimated Annual Sales by 2018 (MW)	Estimated Annual Demand Savings by 2018 By Sector (MW)	Estimated Savings as % of Peak Sector Demand by 2018	Estimated Savings as % of Total Peak Demand by 2018	Estimated Costs to Achieve 2018 Annual Savings (10 Year Cumulative) (\$2008 NPV)	Total Estimated Annual Benefits Associated W/Combined Savings in 2018 (\$2008 NPV)	Simple Payback (NPV Total Costs / NPV Annual Savings)
RESIDENTIAL SECTOR											
Technical Potential (Best Only)	5,589,807,380	1,770,860,535	31.7%	13.6%	1206	66.7	5.5%	2.2%	\$2,554,517,348	\$ 376,791,837	6.8
Technical Potential (Traditional)		1,489,861,317	26.7%	11.4%		56.1	4.7%	1.9%	\$2,149,167,880	\$ 317,002,707	6.8
Max. Achievable Potential		1,217,144,947	21.8%	9.3%		45.9	3.8%	1.5%	\$1,214,926,125	\$ 258,975,945	4.7
Max. Achievable Cost Effective		1,170,397,964	20.9%	9.0%		44.1	3.7%	1.5%	\$632,287,942	\$ 249,029,435	2.5
Potentially Obtainable		698,069,156	12.5%	5.4%		26.3	2.2%	0.9%	\$383,050,068	\$ 148,530,477	2.6
COMMERCIAL SECTOR											
Technical Potential (Traditional)	5,353,798,946	1,598,032,244	29.8%	12.2%	1279	476.9	37.3%	16.0%	\$971,216,931	\$ 142,795,006	6.8
Max. Achievable Potential		1,298,062,604	24.2%	9.9%		385.9	30.2%	12.9%	\$850,883,854	\$ 115,990,687	7.3
Max. Achievable Cost Effective		1,066,771,952	19.9%	8.2%		317.1	24.8%	10.6%	\$311,837,064	\$ 95,323,300	3.3
Potentially Obtainable		492,022,609	9.2%	3.8%		146.3	11.4%	4.9%	\$124,823,769	\$ 43,965,553	2.8
INDUSTRIAL SECTOR											
Technical Potential (Traditional)	2,102,729,959	515,485,621	24.5%	4.0%	498	109.7	22.0%	3.7%	\$133,914,929	\$ 46,000,232	2.9
Max. Achievable Potential		442,671,155	21.1%	3.4%		94.2	18.9%	3.2%	\$114,998,894	\$ 39,502,510	2.9
Max. Achievable Cost Effective		442,671,155	21.1%	3.4%		94.2	18.9%	3.2%	\$114,998,894	\$ 39,502,510	2.9
Potentially Obtainable		213,810,168	10.2%	1.6%		81.9	16.5%	2.7%	\$55,544,466	\$ 19,079,712	2.9
ALL SECTORS COMBINED											
Technical Potential (Traditional)	13,046,336,285	3,603,379,183	27.6%	27.6%	2982	642.7	21.6%	21.6%	\$3,254,299,740	\$505,797,945	6.4
Max. Achievable Potential		2,957,878,706	22.7%	22.7%		525.9	17.6%	17.6%	\$2,180,808,873	\$414,469,142	5.3
Max. Achievable Cost Effective		2,679,841,071	20.5%	20.5%		455.3	15.3%	15.3%	\$1,059,123,900	\$383,855,246	2.8
Potentially Obtainable		1,403,901,933	10.8%	10.8%		254.5	8.5%	8.5%	\$563,418,303	\$211,575,742	2.7
Total Estimated CO2 Reductions (tons)		0.322575231									
Technical Potential (Traditional)	1,389,391										
Max. Achievable Potential	1,140,499										
Max. Achievable Cost Effective	1,033,293										
Potentially Obtainable	541,317										
Total NH 2018 Peak Demand		2982 MW									

⁸ For purposes of this study, a simplifying assumption was used to estimate peak demand savings. Percentage sector peak demand savings are calculated to show savings over the summer coincident peak demand period only and are not broken out separately for summer and winter peak periods.