

Energy Savings in Electricity and Natural Gas From Energy Efficiency Standards

Vermont										
<i>Summary of Benefits by Product</i>	2012			2020			Environmental Benefits			Economic Benefits
Products	Annual Energy Savings by 2012 Electric	Annual Energy Savings by 2012 Natural Gas/Oil	Summer Peak Capacity Reduction	Annual Energy Savings by 2020 Electricity	Annual Energy Savings by 2020 Natural Gas/Oil	Summer Peak Capacity Reduction	Annual Carbon Reduction by 2020	Annual NOx Reduction by 2020	Annual SO2 Reduction by 2020	Net Present Value of Economic Benefits
	MWh (1)	million Btus (2)	MW	MWh	Million Btus	MW	1000MT	Metric Tons	Metric Tons	\$ (Million)
BR/ER Reflector Lamps	8,000	NA	2.8	8,000	NA	2.8	1.0	0.8	3.6	8.2
External Power Supplies	8,250	NA	1.1	10,500	NA	1.4	1.2	1.1	4.8	11.5
Metal Halide Lamp Fixtures	8,800	NA	2.3	21,600	NA	6.75	2.6	2.2	9.8	21.7
Residential Furnaces and Boilers (nat gas)	NA	64,500	NA	NA	408,500	NA	8.6	24.2	0	28.5
Residential Furnaces and Boilers (oil)	NA	18,500	NA	NA	119,000	NA	3.0	12.2	0	21.2
Furnace Fans	13,000	NA	0.55	31,800	NA	1.35	3.8	3.2	16.0	31.1
Medium Voltage Dry-Type Transformer	2,750	NA	0.33	6,750	NA	0.81	0.8	0.7	3.1	7.9
Total	40,800	83,000	7.0	78,650	527,500	13.2	21.0	44.4	37.3	130.1

1. 250,000 megawatt-hours is equivalent to the energy use of about 35,000 New England households. (Source: Department of Energy)

2. 375,000 million btus is equivalent to the energy use of about 4,500 households.