

Table 1. Summary of Projected Energy Savings from Selected Efficiency Standards Required in S.1766, Relative to a 10 SEER Baseline (cumulative over the life of equipment purchased through 2020)¹

	12 SEER Standard	S.1766 13 SEER Standard	S.1766 Torchiere Standard
Electricity Savings (billion kWh)	592	799	138
Primary Energy Savings (trillion Btu) ²	5,092	6,808	1,399
Carbon Savings (million metric tons)	79	105	23
Energy Bill Savings (billion \$2001)	38	51	11
Net Present Value in 2002 (billion \$2001) ³	2.4	-0.6	N/A ⁴

¹Cumulative savings for torchiere lamps are provided through 2020, while savings for air conditioners and heat pumps are provided through the life cycle of units purchased through 2020. The last year for energy savings for air conditioners and heat pumps is 2036.

²Primary energy savings includes the direct use of all energy sources (measured at the point of use) plus the losses associated with generating and delivering electricity.

³Discounts future expenditures and savings at a 7 percent real discount rate (the DOE societal discount rate for computing net present value in its summary table in the Federal Register). Table 4 provides different net present value calculations based on different discount rate assumptions.

⁴A stock accounting framework does not exist for torchiere lamps in NEMS, thus a net present value calculation cannot be made.

Source: National Energy Modeling System.