

State-Level Benefits from Potential State Appliance Standards (11/2014)

Alabama

Products	Annual Savings per Unit		Incremental Cost per Unit	Annual Savings in 2025					Annual Savings in 2035					Economics			Cumulative Energy Savings Through 2035
				Electricity	Natural Gas	Water	CO ₂ Emissions	Value of Bill Savings	Electricity	Natural Gas	Water	CO ₂ Emissions	Value of Bill Savings	Pay Back Period	Benefit/Cost Ratio	Net Present Value	
	Amount	Unit	\$	GWh	BBtu	Million Gallons	1000 MT	Million 2012\$	GWh	BBtu	Million Gallons	1000 MT	Million 2012\$	Years		Million 2012\$	TBtu
Battery Chargers	-	-	-	202.8	-	-	118.7	23.1	206.4	-	-	116.1	23.5	-	-	146.5	34.9
<i>Small Consumer Chargers</i>	10	kWh	\$1.53	196.1	-	-	114.8	22.4	196.1	-	-	110.3	22.4	1.3	2.7	139.3	33.7
<i>Small Non-Consumer Chargers</i>	9	kWh	\$2.93	2.3	-	-	1.4	0.2	2.7	-	-	1.5	0.3	3.2	2.5	1.5	0.4
<i>Large Chargers</i>	3,294	kWh	\$343	4.3	-	-	2.5	0.5	7.6	-	-	4.3	0.8	1.0	10.9	5.7	0.9
Commercial Dishwashers	-	-	\$357	6.6	33.2	73.9	5.6	1.7	10.3	51.4	114.4	8.5	2.6	0.4	21.8	20.4	1.9
<i>electricity</i>	3,109	kWh	-	6.6	-	-	3.9	0.7	10.3	-	-	5.8	1.1	-	-	-	1.3
<i>natural gas</i>	156	therms	-	-	33.2	-	1.8	0.4	-	51.4	-	2.7	0.6	-	-	-	0.6
<i>water</i>	34,643	gallons	-	-	-	73.9	-	0.6	-	-	114.4	-	0.9	-	-	-	-
Double-Ended Quartz Halogen Lamps	329	kWh	\$34	14.6	-	-	8.5	1.6	0.0	-	-	0.0	0.0	1.0	1.8	8.3	2.5
Faucets (lavatory)	-	-	\$0	14.2	97.6	280.0	13.5	5.4	16.7	114.8	329.4	15.5	6.4	no cost	no cost	55.4	3.9
<i>electricity</i>	14	kWh	-	14.2	-	-	8.3	1.6	16.7	-	-	9.4	1.9	-	-	-	2.3
<i>natural gas</i>	1	therms	-	-	97.6	-	5.2	1.6	-	114.8	-	6.1	1.9	-	-	-	1.6
<i>water</i>	285	gallons	-	-	-	280.0	-	2.2	-	-	329.4	-	2.6	-	-	-	-
Hot Food Holding Cabinets	2,197	kWh	\$609	4.0	-	-	2.4	0.4	5.7	-	-	3.2	0.6	2.6	3.5	3.6	0.7
Portable Electric Spas	479	kWh	\$346	1.7	-	-	1.0	0.2	2.0	-	-	1.1	0.2	6.3	1.5	0.7	0.3
Room Air Cleaners	340	kWh	\$0	95.5	-	-	55.9	10.9	101.1	-	-	56.9	11.5	no cost	no cost	102.3	14.7
Toilets	745	gallons	\$0	-	-	604.2	-	4.8	-	-	1,315.0	-	10.5	no cost	no cost	75.5	-
Urinals	4,095	gallons	\$0	-	-	330.1	-	2.6	-	-	485.5	-	3.9	no cost	no cost	31.7	-
Water Dispensers	236	kWh	\$12	7.9	-	-	4.6	0.8	9.3	-	-	5.2	1.0	0.5	16.8	8.0	1.3
Total	-	-	-	347	131	1,288	210	52	351	166	2,244	206	60	-	-	452	60

*Assuming an effective date of 2017 for all standards.