

Appendix EE.14 – Energy

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See Volume 1, Appendix EE.13 for VMT and Emission Factor data.

2040 Roadway Energy

State	Preferred Alternative	Preferred Alternative
	Annual Reduction (joules)	Annual Reduction (MMBtu)
CT	-1.7147E+15	-1625220.216
DC	-9.08368E+13	-86096.65184
MD	-7.90988E+14	-749712.064
DE	-9.32449E+13	-88379.13516
PA	-1.59954E+15	-1516074.143
NJ	-3.33699E+15	-3162852.54
NY	-3.16809E+15	-3002768.264
RI	-3.18268E+14	-301659.6979
MA	-1.21983E+15	-1156177.689
Total (All States)	-1.23325E+16	-11688940.4

2040 Train Energy

State	Train Type	Energy Use (Btu/Day) / Freight (hp-hr)
		Preferred Alternative
DC	Electric Trains	5.93E+07
DC	Diesel Trains	-8.76E+01
MD	Electric Trains	1.14E+09
MD	Diesel Trains	-6.62E+05
DE	Electric Trains	2.46E+08
DE	Diesel Trains	-1.24E+06
PA	Electric Trains	6.18E+08
PA	Diesel Trains	1.06E+06
NJ	Electric Trains	8.01E+08
NJ	Diesel Trains	-6.50E+03
NY	Electric Trains	7.21E+08
NY	Diesel Trains	-1.01E+05
CT	Electric Trains	1.92E+09
CT	Diesel Trains	-1.28E+05
RI	Electric Trains	3.68E+08
RI	Diesel Trains	7.89E+07
MA	Electric Trains	3.89E+08
MA	Diesel Trains	1.08E+05
Total (All States)	Electric Trains	6.26E+09
Total (All States)	Diesel Trains	7.80E+07