

Energy Usage Report

Energy usage and carbon emissions

Final Readings

Readings shown are averages of wattage over the time period

Measurement	Wattage
Baseline	4.84 watts
Total	17.76 watts
Process	12.91 watts

Energy Data

Energy mix in Pennsylvania based on 2016 data

Energy Source	Percentage
Coal	25.4%
Oil	0.2%
Natural gas	31.6%
Low carbon	42.5%

Emissions

Emission	Amount
Effective emission	2.63e-06 kg CO2
Equivalent miles driven	1.07e-12 miles
Equivalent minutes of 32-inch LCD TV watched	1.63e-03 minutes
Percentage of CO2 used in a US household/day	8.64e-13%

Assumed Carbon Equivalencies

Coal	996 kg CO2/MWh
Oil	817 kg CO2/MWh
Natural gas	744 kg CO2/MWh
Low carbon	0 kg