

Energy Usage Report

Final Readings

Readings shown are averages of wattage over the time period

Measurement	Wattage
Baseline	1.82 watts
Total	19.41 watts
Process	17.59 watts

Energy Data

Energy mix in Pennsylvania based on 2016 eGRID data

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

Emissions

Emission	Amount
Effective emission	3.47e-05 kg CO2
Equivalent miles driven	1.42e-11 miles
Equivalent minutes of 32-inch LCD TV watched	2.15e-02 minutes
Percentage of CO2 used in a US household/day	1.14e-11%

Assumed Carbon Equivalencies

Formulas used for determining amount of carbon emissions

Coal	0.3248635 kg CO2/kwh
Petroleum	0.23 kg CO2/kwh
Natural gas	0.0885960 kg CO2/kwh