# Energy Usage Report
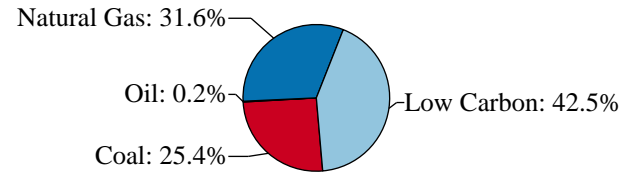
Energy usage and carbon emissions for the function recursive_fib with the input 35.

## Energy Usage Readings

| | |
|---|---|
| Average baseline wattage: | 1.93 watts |
| Average total wattage: | 19.44 watts |
| Average process wattage: | 17.52 watts |
| Process duration: | 0:00:01 |

## Energy Mix Data



Natural Gas: 31.6%
Oil: 0.2%
Coal: 25.4%
Low Carbon: 42.5%

Location: Pennsylvania

| | |
|---|---|
| **Total kilowatt hours used:** | 1.11e-05 kWh |
| **Effective emissions:** | 4.30e-06 kg $CO_2$ |

## Assumed Carbon Equivalencies

| | |
|---|---|
| Coal: | 996 kg $CO_2$ /MWh |
| Oil: | 817 kg $CO_2$ /MWh |
| Natural gas: | 744 kg $CO_2$ /MWh |
| Low carbon: | 0 kg $CO_2$ /MWh |

## $CO_2$ Emissions Equivalents

| | |
|---|---|
| Miles driven: | 1.76e-12 miles |
| Min. of 32-in. LCD TV: | 2.66e-03 minutes |
| % of $CO_2$ per US house/day: | 1.41e-12% |

## Emission Comparison

Kilograms of $CO_2$ emissions for the function if the computation had been performed elsewhere



**Global (excluding Europe and US)**

**Europe**

**United States**