



Sample EIA Energy Price Downloads

The U.S. Energy Information Administration (EIA) provides an online database of retail energy prices for all 50 states. Electricity and natural gas prices are available. They are further broken out by sector – residential, commercial, and industrial. Prices are averaged by year, quarter, or month.

Electricity data can be downloaded in CSV format from:

<http://www.eia.gov/electricity/data/browser/>

The following example shows three months of electricity prices for New England states. All sectors are included. The price units are cents per kWh.

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Average retail price of electricity
Sat Apr 04 2015 11:15:02 GMT-0700 (Pacific Daylight Time)
Source: U.S. Energy Information Administration
description,units,source key,Nov 2014,Dec 2014,Jan 2015
Average retail price of electricity,cents per kilowatthour,,,,
New England,,ELEC.PRICE.NEW-ALL.M,,,
Connecticut,,ELEC.PRICE.CT-ALL.M,,,
Connecticut : residential,cents per kilowatthour,ELEC.PRICE.CT-RES.M,19.87,19.69,21.00
Connecticut : commercial,cents per kilowatthour,ELEC.PRICE.CT-COM.M,15.17,15.70,16.79
Connecticut : industrial,cents per kilowatthour,ELEC.PRICE.CT-IND.M,12.45,13.08,13.20
Maine,,ELEC.PRICE.ME-ALL.M,,,
Maine : residential,cents per kilowatthour,ELEC.PRICE.ME-RES.M,15.77,15.71,15.62
Maine : commercial,cents per kilowatthour,ELEC.PRICE.ME-COM.M,NM,NM,14.81
Maine : industrial,cents per kilowatthour,ELEC.PRICE.ME-IND.M,8.30,9.10,10.07
Massachusetts,,ELEC.PRICE.MA-ALL.M,,,
Massachusetts : residential,cents per kilowatthour,ELEC.PRICE.MA-RES.M,17.57,19.66,20.80
Massachusetts : commercial,cents per kilowatthour,ELEC.PRICE.MA-COM.M,13.69,14.92,16.53
Massachusetts : industrial,cents per kilowatthour,ELEC.PRICE.MA-IND.M,11.63,12.32,13.16
New Hampshire,,ELEC.PRICE.NH-ALL.M,,,
New Hampshire : residential,cents per kilowatthour,ELEC.PRICE.NH-RES.M,18.19,18.52,19.15
New Hampshire : commercial,cents per kilowatthour,ELEC.PRICE.NH-COM.M,14.37,14.68,15.75
New Hampshire : industrial,cents per kilowatthour,ELEC.PRICE.NH-IND.M,11.40,11.79,12.83
Rhode Island,,ELEC.PRICE.RI-ALL.M,,,
Rhode Island : residential,cents per kilowatthour,ELEC.PRICE.RI-RES.M,16.69,17.03,17.72
Rhode Island : commercial,cents per kilowatthour,ELEC.PRICE.RI-COM.M,13.26,15.39,17.85
Rhode Island : industrial,cents per kilowatthour,ELEC.PRICE.RI-IND.M,11.96,13.53,15.32
Vermont,,ELEC.PRICE.VT-ALL.M,,,
Vermont : residential,cents per kilowatthour,ELEC.PRICE.VT-RES.M,17.11,16.69,16.48
Vermont : commercial,cents per kilowatthour,ELEC.PRICE.VT-COM.M,14.74,14.39,14.06
Vermont : industrial,cents per kilowatthour,ELEC.PRICE.VT-IND.M,9.95,9.96,10.32

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Annual or monthly natural gas prices can be downloaded in Excel files. Each file provides over 30 years of prices for one sector, in units of dollars per thousand cubic feet. The files are too big to show here, but they are very easy to work with. You can download these from:

http://www.eia.gov/dnav/ng/ng_pri_sum_a_EPG0_PCS_DMcf_m.htm