

## Frequently Asked Questions (FAQs)

#### Coal

- Does EIA have county-level energy production data?
- Does EIA have forecasts or projections for energy production, consumption, and prices for individual states?
- Does EIA publish coking coal prices?
- How do I convert between short tons and metric tons?
- How large are U.S. coal reserves?
- How many power plants are there in the United States?
- How much coal does the United States export and to where?
- How much coal does the United States import and from where?
- How much coal, natural gas, or petroleum is used to generate a kilowatthour of electricity?
- How much does it cost to generate electricity with different types of power plants?
- How much of U.S. carbon dioxide emissions are associated with electricity generation?
- What are the different coal prices published by EIA?
- What is U.S. electricity generation by energy source?
- What is the heat content of U.S. coal?
- What types and amounts of energy are produced in each state?
- Which states produce the most coal?

## Conversion & Equivalents

- How do I compare the cost of heating fuels?
- How do I convert between short tons and metric tons?
- How do I convert data in one unit of measure to a different unit of measure?
- How many gallons of gasoline and diesel fuel are made from one barrel of oil?
- What are Ccf, Mcf, Btu, and therms? How do I convert natural gas prices in dollars per Ccf or Mcf to dollars per Btu or therm?
- What are the greenhouse gas and air pollutant emissions factors for fuels and electricity?
- · What is the efficiency of different types of power plants?

#### Diesel

- Does EIA have forecasts or projections for energy production, consumption, and prices for individual states?
- Does EIA publish inflation-adjusted gasoline and diesel fuel prices?
- Does EIA publish off-road diesel fuel prices?
- How do I calculate diesel fuel surcharges?
- How many gallons of gasoline and diesel fuel are made from one barrel of oil?
- How much biomass-based diesel fuel is produced, imported, exported, and consumed in the United States?
- How much carbon dioxide is produced from U.S. gasoline and diesel fuel consumption?
- How much tax do we pay on a gallon of gasoline and on a gallon of diesel fuel?
- What are the projections for U.S. gasoline and diesel fuel prices?
- What do I pay for in a gallon of gasoline and diesel fuel?
- When was the last refinery built in the United States?
- Why are diesel fuel prices higher than gasoline prices?

## Electricity

- Can electric utility customers choose their electricity supplier?
- Does EIA have county-level energy production data?
- Does EIA have data on costs for electricity transmission and distribution?
- Does EIA have data on each power plant in the United States?
- Does EIA have forecasts or projections for energy production, consumption, and prices for individual states?
- Does EIA have information on unplanned outages or shutdowns of U.S. energy infrastructure?
- Does EIA publish data on peak or hourly electricity generation, demand, and prices?
- Does EIA publish electric utility rate, tariff, and demand charge data?
- Does EIA publish electricity sales and price data by state and by utility?
- Does EIA publish energy consumption and price data for cities, counties, or by zip code?
- Does EIA publish the location of electric power plants and transmission lines?
- How is electricity used in U.S. homes?
- How many alternative fuel and hybrid vehicles are there in the United States?
- How many nuclear power plants are in the United States, and where are they located?
- How many power plants are there in the United States?
- How many smart meters are installed in the United States, and who has them?
- How much coal, natural gas, or petroleum is used to generate a kilowatthour of electricity?
- How much does it cost to build different types of power plants in the United States?
- How much does it cost to generate electricity with different types of power plants?
- How much electricity does a nuclear power plant generate?
- · How much electricity does an American home use?
- How much electricity is lost in electricity transmission and distribution in the United States?
- How much electricity is used for cooling in the United States?
- How much electricity is used for lighting in the United States?
- How much energy does the world consume by each energy end-use sector?
- How much of U.S. carbon dioxide emissions are associated with electricity generation?
- How much of U.S. energy consumption and electricity generation comes from renewable energy sources?
- How much of world energy consumption and production is from renewable energy?
- How old are U.S. nuclear power plants, and when was the newest one built?
- What is U.S. electricity generation by energy source?
- What is the difference between electricity generation capacity and electricity generation?
- What is the efficiency of different types of power plants?
- What is the outlook for home heating fuel prices this winter?
- What types and amounts of energy are produced in each state?

## Environment

- Does EIA have forecasts or projections for energy production, consumption, and prices for individual states?
- How do I convert between short tons and metric tons?
- How much carbon dioxide is produced from U.S. gasoline and diesel fuel consumption?
- How much carbon dioxide is produced per kilowatthour of U.S. electricity generation?
- How much carbon dioxide is produced when different fuels are burned?
- How much of U.S. carbon dioxide emissions are associated with electricity generation?
- Is ozone a greenhouse gas?
- What are U.S. energy-related carbon dioxide emissions by source and sector?
- What are greenhouse gases and how do they affect the climate?
- What are the energy-related carbon dioxide emissions from fossil fuels for the United States and the world?
- What are the greenhouse gas and air pollutant emissions factors for fuels and electricity?
- Why do carbon dioxide emissions weigh more than the original fuel?

#### Gasoline

- Does EIA have forecasts or projections for energy production, consumption, and prices for individual states?
- Does EIA have historical gasoline prices for each state?
- Does EIA publish energy consumption and price data for cities, counties, or by zip code?
- Does EIA publish gasoline prices by city, county, or zip code?
- Does EIA publish inflation-adjusted gasoline and diesel fuel prices?
- How many gallons of gasoline and diesel fuel are made from one barrel of oil?
- How much carbon dioxide is produced from U.S. gasoline and diesel fuel consumption?
- How much ethanol is in gasoline, and how does it affect fuel economy?
- How much gasoline does the United States consume?
- How much tax do we pay on a gallon of gasoline and on a gallon of diesel fuel?
- What are the projections for U.S. gasoline and diesel fuel prices?
- What do I pay for in a gallon of gasoline and diesel fuel?
- When was the last refinery built in the United States?

## General Energy

- Does EIA have county-level energy production data?
- Does EIA have forecasts or projections for energy production, consumption, and prices for individual states?
- Does EIA have information on U.S. natural gas and oil pipelines?
- Does EIA have information on unplanned outages or shutdowns of U.S. energy infrastructure?
- Does EIA publish energy consumption and price data for cities, counties, or by zip code?
- Does EIA publish the location of electric power plants and transmission lines?
- How do I compare the cost of heating fuels?
- How many smart meters are installed in the United States, and who has them?
- How much does it cost to build different types of power plants in the United States?
- How much electricity is used for cooling in the United States?
- How much energy does a person use in a year?
- How much energy does the world consume by each energy end-use sector?
- How much energy is consumed in U.S. buildings?
- How much natural gas is consumed in the United States?
- How much of U.S. energy consumption and electricity generation comes from renewable energy sources?
- How much of world energy consumption and production is from renewable energy?
- What is U.S. electricity generation by energy source?
- What is the United States' share of world energy consumption?
- What types and amounts of energy are produced in each state?
- Where can I get help paying my utility bills?

#### Natural Gas

- Does EIA have county-level energy production data?
- Does EIA have forecasts or projections for energy production, consumption, and prices for individual states?
- Does EIA have information on U.S. natural gas and oil pipelines?
- Does EIA have information on unplanned outages or shutdowns of U.S. energy infrastructure?
- Does EIA publish energy consumption and price data for cities, counties, or by zip code?
- Does EIA publish shale gas and coalbed methane production and reserves data?
- How does EIA calculate the year-ago and five-year averages in the Weekly Natural Gas Storage Report?
- How many alternative fuel and hybrid vehicles are there in the United States?
- How much coal, natural gas, or petroleum is used to generate a kilowatthour of electricity?
- How much does it cost to generate electricity with different types of power plants?
- How much natural gas does the United States have, and how long will it last?
- How much natural gas is consumed in the United States?
- How much of U.S. carbon dioxide emissions are associated with electricity generation?
- · How much shale gas is produced in the United States?
- What are Ccf, Mcf, Btu, and therms? How do I convert natural gas prices in dollars per Ccf or Mcf to dollars per Btu or therm?
- What are the major factors affecting natural gas prices?
- What can I expect to pay for heating this winter?
- What is U.S. electricity generation by energy source?
- What is the outlook for home heating fuel prices this winter?
- What is the price or cost of natural gas for U.S. electric power producers?
- What is the volume of world natural gas reserves?
- What types and amounts of energy are produced in each state?
- Which states consume and produce the most natural gas?
- Why am I being charged more for heating oil or propane than the price on EIA's website?

#### Nuclear

- Does EIA have forecasts or projections for energy production, consumption, and prices for individual states?
- Does EIA have information on unplanned outages or shutdowns of U.S. energy infrastructure?
- How many nuclear power plants are in the United States, and where are they located?
- How many power plants are there in the United States?
- How much does it cost to generate electricity with different types of power plants?
- How much electricity does a nuclear power plant generate?
- How much of U.S. carbon dioxide emissions are associated with electricity generation?
- How old are U.S. nuclear power plants, and when was the newest one built?
- What is U.S. electricity generation by energy source?

#### Oil/Petroleum

- Does EIA have county-level energy production data?
- Does EIA have data on U.S. oil refineries and their locations?
- Does EIA have data on the movement (transport) of crude oil, petroleum products, fuel ethanol, and biodiesel by rail?
- Does EIA have data on the type or quality of crude oil?
- Does EIA have forecasts or projections for energy production, consumption, and prices for individual states?
- Does EIA have information on U.S. natural gas and oil pipelines?
- Does EIA have information on unplanned outages or shutdowns of U.S. energy infrastructure?
- Does the world have enough oil to meet our future needs?
- How many alternative fuel and hybrid vehicles are there in the United States?
- How many gallons of gasoline and diesel fuel are made from one barrel of oil?
- How much coal, natural gas, or petroleum is used to generate a kilowatthour of electricity?
- How much of the crude oil produced in the United States is consumed in the United States?
- How much oil consumed by the United States comes from foreign countries?
- How much oil is consumed in the United States?
- How much oil is used to make plastic?
- How much petroleum does the United States import and export?
- How much shale (tight) oil is produced in the United States?
- What are petroleum products, and what is petroleum used for?
- What countries are the top producers and consumers of oil?
- What do I pay for in a gallon of gasoline and diesel fuel?
- What is U.S. electricity generation by energy source?
- What is the difference between crude oil, petroleum products, and petroleum?
- What is the outlook for home heating fuel prices this winter?
- What types and amounts of energy are produced in each state?
- When was the last refinery built in the United States?

#### **Prices**

- Are prices published by EIA adjusted for inflation?
- Does EIA have ethanol price data?
- Does EIA have forecasts or projections for energy production, consumption, and prices for individual states?
- Does EIA have historical gasoline prices for each state?
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#### Renewables

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- How much fuel ethanol is produced, imported, exported, and consumed in the United States?
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