

## **EIA Database of Planned New Plants** **2nd in the Series of No-Cost Government Data** **by Global Automation Research LLC**

**No-Cost Government Data from the EIA website giving access to the identity, location, status and operations of existing Process Industry Plants and Planned New and Upgraded Additions over the next 5 to 10 years.**

Finding and tracking process industry new build and expansion projects is an on-going challenge to suppliers of PI&A products and services. Commercial firms such as Construction Monitor, Industrialinfo.com, Dodge Data & Analytics, ConstructConnect Company, and CMD Group (Reed Construction Data) provide fee-based project lists and lead generation. Other fee-based companies such as Dun & Bradstreet, Hoovers, and infoUSA, provide company and plant level information with contacts.

Through our research projects and proprietary studies, we have discovered several no-cost sources of both project information and facility location. One such source is the EIA (the US Energy Information Agency, a part of the US Department of Energy). This source, as with other sources such as the FERC, is industry-specific, with varying degrees of completeness and detail. In the following, we provided an EIA Website Map to the EIA database concerning Electric Utility generating facilities in the US.

**EIA (Energy Information Agency)** [www.eia.gov](http://www.eia.gov)

The U.S. Energy Information Administration (EIA) is a principal agency of the U.S. Federal Statistical System responsible for collecting, analyzing, and disseminating energy information to promote sound policymaking, efficient markets, and public understanding of energy and its interaction with the economy and the environment. EIA programs cover data on coal, petroleum, natural gas, electric, renewable and nuclear energy. The EIA is part of the U.S. Department of Energy.

### **Electrical Generation**

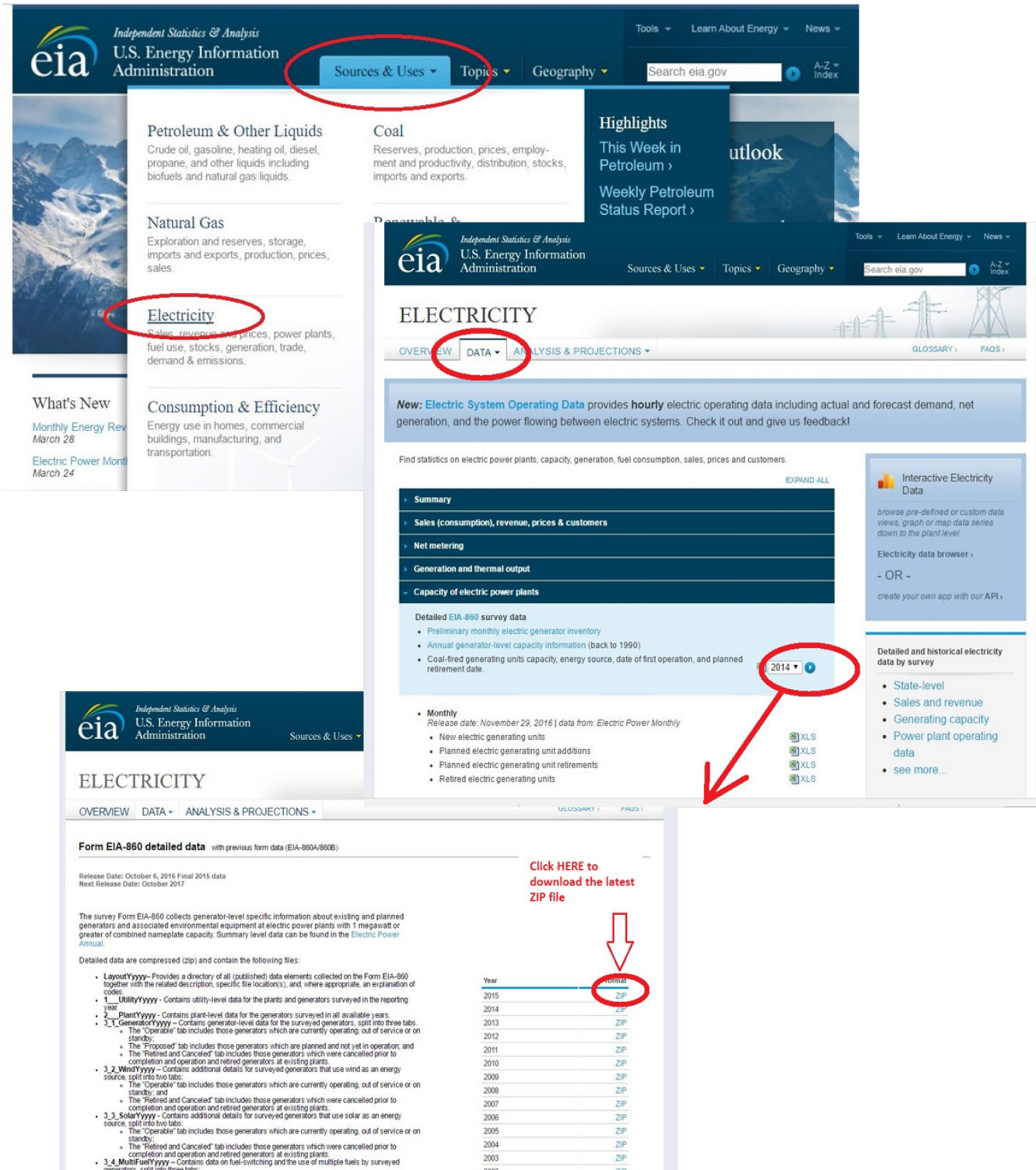
The EIA publishes an Annual Electric Generator report – EIA-860 which contains data collected on the status of existing electric generating plants and associated equipment in the United States, and *those scheduled for initial commercial operation within 10 years of the filing of this report.*

*Today, the EIA-860 database is located at:* [www.eia.gov/electricity/data/eia860/](http://www.eia.gov/electricity/data/eia860/).

Website structure and links are volatile so we have provided the following Website Map to the EIA-860 database.

# Website Map to EIA-860 Electric Utility Database

[www.eia.gov/electricity/data/eia860/](http://www.eia.gov/electricity/data/eia860/)



**Independent Statistics & Analysis  
U.S. Energy Information  
Administration**

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**Petroleum & Other Liquids**  
Crude oil, gasoline, heating oil, diesel, propane, and other liquids including biofuels and natural gas liquids.

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**Consumption & Efficiency**  
Energy use in homes, commercial buildings, manufacturing, and transportation.

**What's New**  
Monthly Energy Review  
March 28  
Electric Power Monthly  
March 24

**Highlights**  
This Week in Petroleum  
Weekly Petroleum Status Report

**ELECTRICITY**

OVERVIEW | **DATA** | ANALYSIS & PROJECTIONS | GLOSSARY | FAQs

**New: Electric System Operating Data** provides hourly electric operating data including actual and forecast demand, net generation, and the power flowing between electric systems. Check it out and give us feedback!

Find statistics on electric power plants, capacity, generation, fuel consumption, sales, prices and customers.

**EXPAND ALL**

- Summary
- Sales (consumption), revenue, prices & customers
- Net metering
- Generation and thermal output
- Capacity of electric power plants

**Detailed EIA-860 survey data**

- Preliminary monthly electric generator inventory
- Annual generator-level capacity information (back to 1990)
- Coal-fired generating units capacity, energy source, date of first operation, and planned retirement date.

**2014** | [Dropdown Arrow]

**Monthly**  
Release date: November 29, 2016 | data from: Electric Power Monthly

- New electric generating units
- Planned electric generating unit additions
- Planned electric generating unit retirements
- Retired electric generating units

**Interactive Electricity Data**  
browse pre-defined or custom data views, graph or map data series down to the plant level!  
Electricity data browser  
- OR -  
create your own app with our API

**Detailed and historical electricity data by survey**

- State-level
- Sales and revenue
- Generating capacity
- Power plant operating data
- see more...

**ELECTRICITY**

OVERVIEW | **DATA** | ANALYSIS & PROJECTIONS | GLOSSARY | FAQs

**Form EIA-860 detailed data** with previous form data (EIA-860A/860B)

Release Date: October 6, 2016 Final 2015 data  
Next Release Date: October 2017

The survey Form EIA-860 collects generator-level specific information about existing and planned generators and associated environmental equipment at electric power plants with 1 megawatt or greater of combined nameplate capacity. Summary level data can be found in the [Electric Power Annual](#).

Detailed data are compressed (zip) and contain the following files:

- LayoutYyyy** - Provides a directory of all (published) data elements collected on the Form EIA-860 together with the related description, specific file locations, and, where appropriate, an explanation of codes.
- 1\_UtilityYyyy** - Contains utility-level data for the plants and generators surveyed in the reporting year.
- 2\_PlantYyyy** - Contains plant-level data for the generators surveyed in all available years.
- 3\_1\_GeneratorYyyy** - Contains generator-level data for the surveyed generators, split into three tabs:
  - The "Operable" tab includes those generators which are currently operating, out of service or on standby.
  - The "Proposed" tab includes those generators which are planned and not yet in operation; and
  - The "Retired and Canceled" tab includes those generators which were cancelled prior to completion and operation and retired generators at existing plants.
- 3\_2\_WindYyyy** - Contains additional details for surveyed generators that use wind as an energy source, split into two tabs:
  - The "Operable" tab includes those generators which are currently operating, out of service or on standby; and
  - The "Retired and Canceled" tab includes those generators which were cancelled prior to completion and operation and retired generators at existing plants.
- 3\_3\_SolarYyyy** - Contains additional details for surveyed generators that use solar as an energy source, split into two tabs:
  - The "Operable" tab includes those generators which are currently operating, out of service or on standby; and
  - The "Retired and Canceled" tab includes those generators which were cancelled prior to completion and operation and retired generators at existing plants.
- 3\_4\_MultiFuelYyyy** - Contains data on fuel-switching and the use of multiple fuels by surveyed generators, split into three tabs.

**Click HERE to download the latest ZIP file**

**Year**

Year	ZIP
2015	ZIP
2014	ZIP
2013	ZIP
2012	ZIP
2011	ZIP
2010	ZIP
2009	ZIP
2008	ZIP
2007	ZIP
2006	ZIP
2005	ZIP
2004	ZIP
2003	ZIP
2002	ZIP

The following table summarizes the primary six data tables that make up the EIA-860 Electric Utility database.

File Name	Description	Comment
1_Utility_Y2015.xlsx	Contains utility-level data for the plants and generators surveyed in the reporting year.	There are 4163 utility companies in the United States as of 2015.
2_PlantY2015	Contains plant-level data for the generators surveyed in all available years.	The utilities listed above account for ~ 8900 generating plants <i>and their locations</i> .
3_1_GeneratorY2015	Contains generator-level data for the surveyed generators, split into three tabs.	Units > 1 MW: the list identifies ~20 000 Operable, ~1360 <b>Proposed</b> , plus canceled and retired units.
3_2_WindY2015	Contains additional details for surveyed generators that use wind as an energy source, split into two tabs	Identifies ~1100 operational wind turbines, plus canceled/ retired units.
3_3_SolarY2015	Contains additional details for surveyed generators that use solar as an energy source, split into two tabs	Lists ~1650 operational units, plus canceled/ retired units.
3_4_MultiFuel_Y2015	Contains data on fuel-switching and the use of multiple fuels by surveyed generators, split into three tabs	Lists ~3300 operational units plus ~57 <b>proposed new units</b> , plus canceled/ retired units.
other files	Other files contain information on utility ownership, boiler types associated with generators, and environmental equipment.	

When combined with a [ReMaP<sup>TM</sup> Assessment](#) of high value PI&A local market segments, the EIA-860 database can be used to target existing and planned-new plants can be identified and characterized by several parameters available in the EIA Database.

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### **Client Focused Market Information for PI&A Products**

Call or email us to discuss your unique requirements:

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