



# Power Base Station Project Data List

What is a Power Plant Database?

Interactive Power Plant database providing data for each power generation by country or energy centre location through an intuitive online interface. Plants under construction, plants capacity development (MW), plant energy type, etc...

How is the Global Power Plant Database built?

The Global Power Plant Database is built in several steps. The first step involves gathering and processing country-level data. In some cases, these data are read automatically from official government websites; the code to implement this is in the build\_databases directory. In other cases we gather country-level data manually.

How many power plants are there?

The database covers approximately 30,000 power plants from 164 countries and includes thermal plants (e.g. coal, gas, oil, nuclear, biomass, waste, geothermal) and renewables (e.g. hydro, wind, solar). Each power plant is geolocated and entries contain information on plant capacity, generation, ownership, and fuel type.

What is a power database?

The database provides a clear view of upcoming projects, while offering an accurate, up-to-date picture of power capacity additions year after year across 127 countries, broken down by fuel, technology, and company. Country dashboard: main power data for any of 127 countries.

For countries where machine-readable data are not available, gather and curate power plant data by hand, and then match these power plants to plants in other databases, including GEO ...

Navigate all EIA Form 860M power plant projects by state, developer, or generation type. Access detailed information on operational and planned power plants across the United States. Track ...

Interactive Power Plant database providing data for each power generation by country or energy centre location through an intuitive online interface. Plants under construction, plants capacity ...

The Conventional Power Plant Database contains information on Oil, Gas, Nuclear, Coal, Hydrocarbon, and more. The renewable energy datasets for conventional power plants are now ...

The Global Power Plant Database is an open source database of power plants around the world. Each power plant is geolocated and entries contain information on plant capacity, ...

The Global Integrated Power Tracker (GIPT) is a multi-sector dataset of power stations and facilities worldwide. The tracker provides unit-level information on thermal power (coal, oil, gas, nuclear, ...

The Global Power Plant Database is a comprehensive, open source database of power plants around the world. It centralizes power plant data to make it easier to navigate, compare, and draw insights ...



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Overview Database description Key attributes of the database Combining Multiple Data Sources ID numbers Power plant matching Build Instructions Related repos A major challenge for this project is that data come from a variety of sources, including governm... To the maximum extent possible, we read data automatically from trusted sources, and integrate it into the database. Our current strategy involves these steps:

- o Automate data collection from machine-readable national data sources where possible.
- o For countries where machine-readable data are not available, gather and curate power plant data by hand, and then match these power plants to plants in other databases, including GEO and CARMA (see below) to determine their geolocation.

See more on [github interconnection.fyi](#) EIA Power Plant Projects -- Browse by State, ... Navigate all EIA Form 860M power plant projects by state, developer, or generation type. Access detailed information on operational and planned ...

A free library of public network models and power systems test data collected from across the utility industry to benefit the grid research community.

Download SQLite DB:

Each power plant is geolocated and entries contain information on plant capacity, generation, ownership, and fuel type. It will be continuously updated as data becomes available. The ...

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