

EUROPEAN POWER PLANT DATABASE

EUROPE-WIDE DIRECTORY OF CONVENTIONAL POWER PLANTS OVER 20 MW

The contemporary directory of all power plants in Europe is the basic for building a merit-order model in order to simulate the electricity market, or in carrying out statistical analyses of the power generating sector.

The directory includes an extensive and up-to-date database with data on plant efficiency and it is regularly being updated.

On request, additional information of power plant specifics can be implemented.



Content of the power plant database

Number of entries by energy source*

- Lignite: 417
- Hard coal: 762
- Natural gas: 1383
- Oil: 680
- Uranium: 167

Type of data

- Name of the power plant unit
- Type of the power plant (Open Cycle Gas Turbine [OCGT], Combined Cycle Gas Turbine [CCGT], Steam Turbine [ST])
- Country
- Geo position (Latitude and Longitude)
- Year of commissioning and, if applicable, year of shutdown
- Capacity (gross, net)
- Efficiency (net)
- Fuel type

Geographical scope and size

- EU 28, Switzerland, Norway, Turkey
- All power plants with a net electrical capacity of 20 MW or more

Data format

- CSV-Format

Update-Service

- The database is updated once per quarter

*As of December 2018

ENERGY BRAINPOOL

THE ENERGY MARKET EXPERTS

Energy Brainpool is the independent energy market expert with focus on electricity and energy trading in Europe. Our expertise includes **analysis**, **forecasting** and **modeling** of energy markets and prices, scientific and practice-oriented **studies**, **individual consulting** as well as **expert trainings** for the energy sector.

For over 15 years, we have been combining substantial knowledge and competence with practical experience in the area of controllable and fluctuating power.

Who are we?

- 20 team members
- 2 Managing Directors
- founded in 2003
- located in Berlin
- independent and neutral



What's next?

- change in the heat and mobility
- high demand of additional capacity
- finance and investment
- innovation leads to success

What are the topics?




- risks are increasing
- change of energy markets
- fundamental different price structures
- new revenues and business models



How do we support you?

- training and simulation games
- analysis and scenarios
- individual consulting
- workshops and studies

Our aim is to combine our expertise in the fields of analysis, consultancy and training in individual solutions to set the course for future business success.

Follow us:

-  Twitter @EnerBrain
-  Xing
-  LinkedIn

-  YouTube
-  Energy BrainBlog
blog.energybrainpool.com