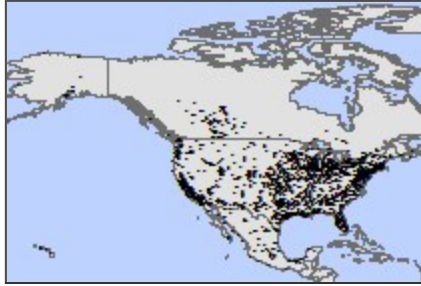


Natural Gas Fired Power Plants

File Geodatabase Feature Class



Tags

natural gas, power, generation, power plants

Summary

Natural Gas Power Plants are represented as one point per plant, and when joining unit-level data to this layer, points may be stacked to represent all units.

Description

Utility and Non-Utility operated natural gas power plants with at least 5MW demonstrated capacity, plus many other smaller plants.

Credits

Data is property of Platts, a division of McGraw Hill Financial, Inc. Data is not to be distributed without express, written consent of Platts.

Use limitations

Access is limited to the users identified in the Master Service Agreement (MSA) with Platts.

Extent

West	-166.535000	East	-57.660000
North	71.287598	South	16.190001

Scale Range

Maximum (zoomed in)	1:5,000
Minimum (zoomed out)	1:150,000,000

ArcGIS Metadata ►

Topics and Keywords ►

* CONTENT TYPE Downloadable Data

Hide Topics and Keywords ▲

Citation ►

TITLE Natural Gas Fired Power Plants

PRESENTATION FORMATS * digital map

[Hide Citation ▲](#)

Resource Details ►

DATASET LANGUAGES * English (UNITED STATES)

SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.2.3552

CREDITS

Data is property of Platts, a division of McGraw Hill Financial, Inc. Data is not to be distributed without express, written consent of Platts.

ARCGIS ITEM PROPERTIES

* NAME NatGas_Power_Plants

* LOCATION file:///\\CO07-DCVRTZ1\C\$\Users\claudie_frank\Documents\Temp\Prod_Copy.gdb

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -166.535000

* EAST LONGITUDE -57.660000

* NORTH LATITUDE 71.287598

* SOUTH LATITUDE 16.190001

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -166.535000

* EAST LONGITUDE -57.660000

* SOUTH LATITUDE 16.190001

* NORTH LATITUDE 71.287598

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

Access is limited to the users identified in the Master Service Agreement (MSA) with Platts.

[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Geographic
- * GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
- * COORDINATE REFERENCE DETAILS
 - GEOGRAPHIC COORDINATE SYSTEM
 - WELL-KNOWN IDENTIFIER 4326
 - X ORIGIN -400
 - Y ORIGIN -400
 - XY SCALE 999999999.99999988
 - Z ORIGIN -100000
 - Z SCALE 10000
 - M ORIGIN -100000
 - M SCALE 10000
 - XY TOLERANCE 8.983152841195215e-009
 - Z TOLERANCE 0.001
 - M TOLERANCE 0.001
 - HIGH PRECISION true
 - LEFT LONGITUDE -180
 - LATEST WELL-KNOWN IDENTIFIER 4326
 - WELL-KNOWN TEXT GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433],AUTHORITY["EPSG",4326]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 4326
- * CODESPACE EPSG
- * VERSION 8.2.6

Hide Spatial Reference ▲

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME NatGas_Power_Plants

- * OBJECT TYPE point
- * OBJECT COUNT 3084

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME NatGas_Power_Plants

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Point
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 3084
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Geoprocessing history ►

PROCESS

PROCESS NAME

DATE 2015-04-21 11:34:47

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.2\ArcToolbox\Toolboxes\Data Management Tools.tbx\CopyFeatures

COMMAND ISSUED

CopyFeatures GPL0 M: \MapData\Master_Layers\Prod_Copy.gdb\NatGas_Power_Plants #
0 0 0

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

Hide Geoprocessing history ▲

Distribution ►

DISTRIBUTION FORMAT

* NAME File Geodatabase Feature Class

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT NatGas_Power_Plants ►

* TYPE Feature Class

* ROW COUNT 3084

FIELD OBJECTID ►

* ALIAS OBJECTID

* DATA TYPE OID

* WIDTH 4

* PRECISION 0

* SCALE 0

* FIELD DESCRIPTION

Internal feature number.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

Hide Field OBJECTID ▲

FIELD Shape ►

* ALIAS Shape

* DATA TYPE Geometry

* WIDTH 0

* PRECISION 0

* SCALE 0

* FIELD DESCRIPTION

Feature geometry.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Coordinates defining the features.

Hide Field Shape ▲

FIELD PLANT_ID ►

* ALIAS PLANT_ID

* DATA TYPE String

* WIDTH 5

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Power plant unique identifier

Hide Field PLANT_ID ▲

FIELD ID ►

* ALIAS ID

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Unique identifier

Hide Field ID ▲

FIELD NAME ►

* ALIAS NAME

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Power plant name

Hide Field NAME ▲

FIELD SHORT_NAME ►

* ALIAS SHORT_NAME

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Power plant abridged name

Hide Field SHORT_NAME ▲

FIELD OPER_ID ►

* ALIAS OPER_ID
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Operating company unique identifier

Hide Field OPER_ID ▲

FIELD OPERATOR ►

* ALIAS OPERATOR
* DATA TYPE String
* WIDTH 50
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Operating company name

Hide Field OPERATOR ▲

FIELD CITY ►

* ALIAS CITY
* DATA TYPE String
* WIDTH 50
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Nearest city name

Hide Field CITY ▲

FIELD COUNTY ►

* ALIAS COUNTY
* DATA TYPE String
* WIDTH 50
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

County/administrative unit name

Hide Field COUNTY ▲

FIELD STATE ►

* ALIAS STATE
* DATA TYPE String
* WIDTH 2
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

State/province name

Hide Field STATE ▲

FIELD COUNTRY ►

- * ALIAS COUNTRY
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Country name

Hide Field COUNTRY ▲

FIELD STATUS ►

- * ALIAS STATUS
- * DATA TYPE String
- * WIDTH 6
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Operational status

Hide Field STATUS ▲

FIELD OP_CAP ►

- * ALIAS OP_CAP
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Total capacity at the power plant based upon the nameplate ratings of the in-service unit(s), in megawatts

Hide Field OP_CAP ▲

FIELD SUMMER_CAP ►

- * ALIAS SUMMER_CAP
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Summer operating capacity where available (MW)

Hide Field SUMMER_CAP ▲

FIELD WINTER_CAP ►

- * ALIAS WINTER_CAP
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Winter operating capacity where available (MW)

Hide Field WINTER_CAP ▲

FIELD PRIME_MVR1 ►

- * ALIAS PRIME_MVR1
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The primary engine, turbine, water wheel, or similar technology that drives an electric generator: or, for reporting purposes, a device that converts energy to electricity directly (e.g. photovoltaic solar and fuel cells)

Hide Field PRIME_MVR1 ▲

FIELD PRIME_MVR2 ►

- * ALIAS PRIME_MVR2
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Secondary prime mover

Hide Field PRIME_MVR2 ▲

FIELD FUEL_CAT ►

- * ALIAS FUEL_CAT
- * DATA TYPE String
- * WIDTH 11
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Primary generic fuel category

Hide Field FUEL_CAT ▲

FIELD FUEL1 ►

- * ALIAS FUEL1
- * DATA TYPE String
- * WIDTH 110
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Primary specific fuel type

Hide Field FUEL1 ▲

FIELD FUEL2 ►

- * ALIAS FUEL2
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Secondary specific fuel type

[Hide Field FUEL2 ▲](#)

FIELD PL_CAP ▶

- * ALIAS PL_CAP
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Planned nameplate capacity (MW)

[Hide Field PL_CAP ▲](#)

FIELD PL_PRM_MVR ▶

- * ALIAS PL_PRM_MVR
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Prime mover for planned capacity

[Hide Field PL_PRM_MVR ▲](#)

FIELD PL_FUEL ▶

- * ALIAS PL_FUEL
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Primary specific fuel for planned capacity at power plant

[Hide Field PL_FUEL ▲](#)

FIELD FIRST_ONLN ▶

- * ALIAS FIRST_ONLN
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The year the first unit officially started supplying electricity to the grid

[Hide Field FIRST_ONLN ▲](#)

FIELD LAST_ONLN ▶

- * ALIAS LAST_ONLN
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The year the last unit officially started supplying electricity to the grid.

[Hide Field LAST_ONLN ▲](#)

FIELD AVG_GEN ►

- * ALIAS AVG_GEN
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Average monthly generation in megawatts

[Hide Field AVG_GEN ▲](#)

FIELD CAP_FACT ►

- * ALIAS CAP_FACT
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The ratio of the average operating load of an electric generating station for a period of time to the demonstrated capacity of the station during that period, assuming 100% availability. The actual calculation is the net generation divided by the demonstrated capacity times hours in a year (or month is culling monthly data).

[Hide Field CAP_FACT ▲](#)

FIELD NET_GEN ►

- * ALIAS NET_GEN
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Net generation in MWh produced by the power plant.

[Hide Field NET_GEN ▲](#)

FIELD FUEL_COST ►

- * ALIAS FUEL_COST
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Fuel cost in US dollars per MWh of net generation

[Hide Field FUEL_COST ▲](#)

FIELD CAPTL_COST ►

- * ALIAS CAPTL_COST

- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The sum of all the investment costs at the plant level in US dollars. This sum represents a running total of all additions, retirements, and adjustments at the plant level. This value should not be interpreted as a market or net book value of the power plant.

Hide Field CAPTL_COST ▲

FIELD VARI_COST ►

- * ALIAS VARI_COST
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The total variable costs, excluding fuel, divided by the net generation, in US dollars per MWh of net generation.

Hide Field VARI_COST ▲

FIELD PROD_COST ►

- * ALIAS PROD_COST
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The sum of the plant level fuel, non-fuel operating and maintenance costs divided by the net generation, in US dollars per MWh of net generation.

Hide Field PROD_COST ▲

FIELD OP_HEAT ►

- * ALIAS OP_HEAT
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The measure of the power plant's thermal efficiency, in Btu per kilowatt hours. Calculated by dividing the total Btu content of fuel burned for generation by the resulting net kilowatt hour generation.

Hide Field OP_HEAT ▲

FIELD COAL_PURCH ►

- * ALIAS COAL_PURCH
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Sum of total coal purchased in thousands of tons.

[Hide Field COAL_PURCH ▲](#)

FIELD COAL_COST ►

- * ALIAS COAL_COST
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Coal price reported in cents per million Btu of coal purchased.

[Hide Field COAL_COST ▲](#)

FIELD AVG_BTU ►

- * ALIAS AVG_BTU
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Average heat content per ton of coal in Btu.

[Hide Field AVG_BTU ▲](#)

FIELD AVG_SO2 ►

- * ALIAS AVG_SO2
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Average sulfur content of coal reported in pounds of sulfur per million Btu of fuel delivered.

[Hide Field AVG_SO2 ▲](#)

FIELD GAS_PURCH ►

- * ALIAS GAS_PURCH
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Sum of natural gas purchased in thousands of Mcf.

[Hide Field GAS_PURCH ▲](#)

FIELD GAS_COST ►

- * ALIAS GAS_COST
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Natural gas price reported in cents per million Btu of natural gas purchased.

[Hide Field GAS_COST ▲](#)

FIELD DATA_YEAR ►

* ALIAS DATA_YEAR

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Year for which power plant statistics apply.

[Hide Field DATA_YEAR ▲](#)

FIELD POS_REL ►

* ALIAS Positional Reliability

* DATA TYPE String

* WIDTH 40

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Positional reliability rating

[Hide Field POS_REL ▲](#)

[Hide Details for object NatGas_Power_Plants ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

* METADATA LANGUAGE English (UNITED STATES)

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset

* LAST UPDATE 2015-05-27

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2015-04-21 11:34:47

LAST MODIFIED IN ARCGIS FOR THE ITEM 2015-05-27 14:33:56

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2015-05-27 14:33:33

[Hide Metadata Details ▲](#)

Thumbnail and Enclosures ▶

THUMBNAIL

THUMBNAIL TYPE JPG

Hide Thumbnail and Enclosures ▲

FGDC Metadata (read-only) ▶

Identification ▶

CITATION

CITATION INFORMATION

ORIGINATOR Platts, a division of McGraw Hill Financial, Inc.

PUBLICATION DATE 05/15/2015

PUBLICATION TIME 09:00

TITLE

Natural Gas Fired Power Plants

GEOSPATIAL DATA PRESENTATION FORM vector digital data

PUBLICATION INFORMATION

PUBLICATION PLACE Denver, CO

PUBLISHER Platts, a division of McGraw Hill Financial, Inc.

ONLINE LINKAGE <http://www.platts.com/maps-geospatial>

ONLINE LINKAGE <http://www.maps.platts.com>

DESCRIPTION

ABSTRACT

Utility and Non-Utility operated natural gas power plants with at least 5MW demonstrated capacity, plus many other smaller plants.

PURPOSE

Natural Gas Power Plants are represented as one point per plant, and when joining unit-level data to this layer, points may be stacked to represent all units.

SPATIAL DOMAIN

BOUNDING COORDINATES

WEST BOUNDING COORDINATE -166.535

EAST BOUNDING COORDINATE -57.66

NORTH BOUNDING COORDINATE 71.2875976560001

SOUTH BOUNDING COORDINATE 16.190000534

ACCESS CONSTRAINTS

Access is limited to the users identified in Master Service Agreement with Platts.

POINT OF CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Platts, a division of McGraw Hill Financial, Inc.

CONTACT PERSON Geospatial Manager

CONTACT POSITION Platts Geospatial Team, Denver CO, USA

CONTACT ADDRESS

ADDRESS TYPE Street Address

ADDRESS 1800 Larimer Street, Suite 2000

CITY Denver

STATE OR PROVINCE CO

POSTAL CODE 80202

COUNTRY UNITED STATES

CONTACT VOICE TELEPHONE 1-800-PLATTS-8

CONTACT ELECTRONIC MAIL ADDRESS maps@platts.com

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HOURS OF SERVICE 8am-4pm
CONTACT INSTRUCTIONS
Email us at maps@platts.com.

NATIVE DATA SET ENVIRONMENT
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.0.3348

Hide Identification ▲

Data Quality ►

POSITIONAL ACCURACY
HORIZONTAL POSITIONAL ACCURACY
HORIZONTAL POSITIONAL ACCURACY REPORT
Accuracy varies. See POS_REL (positional reliability) attribute for details.

Hide Data Quality ▲

Spatial Reference ►

HORIZONTAL COORDINATE SYSTEM DEFINITION
GEODETTIC MODEL
HORIZONTAL DATUM NAME D_WGS_1984
ELLIPSOID NAME WGS_1984
SEMI-MAJOR AXIS 6378137

Hide Spatial Reference ▲

Entities and Attributes ►

DETAILED DESCRIPTION
ENTITY TYPE
ENTITY TYPE LABEL NatGas_Power_Plants

ATTRIBUTE
ATTRIBUTE LABEL OBJECTID
ATTRIBUTE DEFINITION
Internal feature number.
ATTRIBUTE DEFINITION SOURCE Esri
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Sequential unique whole numbers that are automatically generated.

ATTRIBUTE
ATTRIBUTE LABEL Shape
ATTRIBUTE DEFINITION
Feature geometry.
ATTRIBUTE DEFINITION SOURCE Esri
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Coordinates defining the features.

ATTRIBUTE
ATTRIBUTE LABEL PLANT_ID
ATTRIBUTE DEFINITION
Power plant unique identifier

ATTRIBUTE
ATTRIBUTE LABEL ID
ATTRIBUTE DEFINITION
Unique identifier

ATTRIBUTE
ATTRIBUTE LABEL NAME
ATTRIBUTE DEFINITION
Power plant name

ATTRIBUTE
ATTRIBUTE LABEL SHORT_NAME
ATTRIBUTE DEFINITION
Power plant abridged name

ATTRIBUTE
ATTRIBUTE LABEL OPER_ID
ATTRIBUTE DEFINITION
Operating company unique identifier

ATTRIBUTE
ATTRIBUTE LABEL OPERATOR
ATTRIBUTE DEFINITION
Operating company name

ATTRIBUTE
ATTRIBUTE LABEL CITY
ATTRIBUTE DEFINITION
Nearest city name

ATTRIBUTE
ATTRIBUTE LABEL COUNTY
ATTRIBUTE DEFINITION
County/administrative unit name

ATTRIBUTE
ATTRIBUTE LABEL STATE
ATTRIBUTE DEFINITION
State/province name

ATTRIBUTE
ATTRIBUTE LABEL COUNTRY
ATTRIBUTE DEFINITION
Country name

ATTRIBUTE
ATTRIBUTE LABEL STATUS
ATTRIBUTE DEFINITION
Operational status

ATTRIBUTE
ATTRIBUTE LABEL OP_CAP
ATTRIBUTE DEFINITION
Total capacity at the power plant based upon the nameplate ratings of the in-service unit (s), in megawatts

ATTRIBUTE
ATTRIBUTE LABEL SUMMER_CAP

ATTRIBUTE DEFINITION
Summer operating capacity where available (MW)

ATTRIBUTE
ATTRIBUTE LABEL WINTER_CAP
ATTRIBUTE DEFINITION
Winter operating capacity where available (MW)

ATTRIBUTE
ATTRIBUTE LABEL PRIME_MVR1
ATTRIBUTE DEFINITION
The primary engine, turbine, water wheel, or similar technology that drives an electric generator: or, for reporting purposes, a device that converts energy to electricity directly (e.g. photovoltaic solar and fuel cells)

ATTRIBUTE
ATTRIBUTE LABEL PRIME_MVR2
ATTRIBUTE DEFINITION
Secondary prime mover

ATTRIBUTE
ATTRIBUTE LABEL FUEL_CAT
ATTRIBUTE DEFINITION
Primary generic fuel category

ATTRIBUTE
ATTRIBUTE LABEL FUEL1
ATTRIBUTE DEFINITION
Primary specific fuel type

ATTRIBUTE
ATTRIBUTE LABEL FUEL2
ATTRIBUTE DEFINITION
Secondary specific fuel type

ATTRIBUTE
ATTRIBUTE LABEL PL_CAP
ATTRIBUTE DEFINITION
Planned nameplate capacity (MW)

ATTRIBUTE
ATTRIBUTE LABEL PL_PRM_MVR
ATTRIBUTE DEFINITION
Prime mover for planned capacity

ATTRIBUTE
ATTRIBUTE LABEL PL_FUEL
ATTRIBUTE DEFINITION
Primary specific fuel for planned capacity at power plant

ATTRIBUTE
ATTRIBUTE LABEL FIRST_ONLN
ATTRIBUTE DEFINITION
The year the first unit officially started supplying electricity to the grid

ATTRIBUTE
ATTRIBUTE LABEL LAST_ONLN
ATTRIBUTE DEFINITION

The year the last unit officially started supplying electricity to the grid.

ATTRIBUTE

ATTRIBUTE LABEL AVG_GEN

ATTRIBUTE DEFINITION

Average monthly generation in megawatts

ATTRIBUTE

ATTRIBUTE LABEL CAP_FACT

ATTRIBUTE DEFINITION

The ratio of the average operating load of an electric generating station for a period of time to the demonstrated capacity of the station during that period, assuming 100% availability. The actual calculation is the net generation divided by the demonstrated capacity times hours in a year (or month is culling monthly data).

ATTRIBUTE

ATTRIBUTE LABEL NET_GEN

ATTRIBUTE DEFINITION

Net generation in MWh produced by the power plant.

ATTRIBUTE

ATTRIBUTE LABEL FUEL_COST

ATTRIBUTE DEFINITION

Fuel cost in US dollars per MWh of net generation

ATTRIBUTE

ATTRIBUTE LABEL CAPTL_COST

ATTRIBUTE DEFINITION

The sum of all the investment costs at the plant level in US dollars. This sum represents a running total of all additions, retirements, and adjustments at the plant level. This value should not be interpreted as a market or net book value of the power plant.

ATTRIBUTE

ATTRIBUTE LABEL VARI_COST

ATTRIBUTE DEFINITION

The total variable costs, excluding fuel, divided by the net generation, in US dollars per MWh of net generation.

ATTRIBUTE

ATTRIBUTE LABEL PROD_COST

ATTRIBUTE DEFINITION

The sum of the plant level fuel, non-fuel operating and maintenance costs divided by the net generation, in US dollars per MWh of net generation.

ATTRIBUTE

ATTRIBUTE LABEL OP_HEAT

ATTRIBUTE DEFINITION

The measure of the power plant's thermal efficiency, in Btu per kilowatt hours. Calculated by dividing the total Btu content of fuel burned for generation by the resulting net kilowatt hour generation.

ATTRIBUTE

ATTRIBUTE LABEL COAL_PURCH

ATTRIBUTE DEFINITION

Sum of total coal purchased in thousands of tons.

ATTRIBUTE

ATTRIBUTE LABEL COAL_COST

ATTRIBUTE DEFINITION
Coal price reported in cents per million Btu of coal purchased.

ATTRIBUTE
ATTRIBUTE LABEL AVG_BTU
ATTRIBUTE DEFINITION
Average heat content per ton of coal in Btu.

ATTRIBUTE
ATTRIBUTE LABEL AVG_SO2
ATTRIBUTE DEFINITION
Average sulfur content of coal reported in pounds of sulfur per million Btu of fuel delivered.

ATTRIBUTE
ATTRIBUTE LABEL GAS_PURCH
ATTRIBUTE DEFINITION
Sum of natural gas purchased in thousands of Mcf.

ATTRIBUTE
ATTRIBUTE LABEL GAS_COST
ATTRIBUTE DEFINITION
Natural gas price reported in cents per million Btu of natural gas purchased.

ATTRIBUTE
ATTRIBUTE LABEL DATA_YEAR
ATTRIBUTE DEFINITION
Year for which power plant statistics apply.

ATTRIBUTE
ATTRIBUTE LABEL POS_REL
ATTRIBUTE DEFINITION
Positional reliability rating

Hide Entities and Attributes ▲

Distribution Information ►

DISTRIBUTION LIABILITY
Platts is not liable for decisions based on this data. Customer assumes liability and is encouraged to seek multiple sources.

Hide Distribution Information ▲

Metadata Reference ►

METADATA DATE 2015-04-28

Hide Metadata Reference ▲