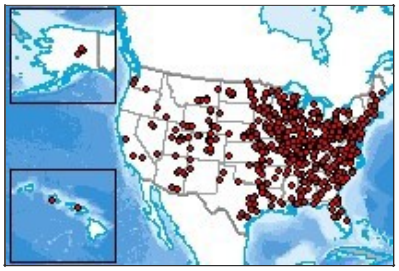
Coal Power Plant



Tags

There are no tags for this item.

Summary

This dataset represents coal power plants from the U.S. EPA Emissions & Generation Resource Integrated Database (eGRID2012).

Description

This dataset represents coal power plants from the U.S. EPA Emissions & Generation Resource Integrated Database (eGRID2012).

Credits

U.S. EPA

Use limitations

There are no access and use limitations for this item.

Extent

West -158.106500 **East** -68.804600
North 64.854200 **South** 20.867500

Scale Range

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

ArcGIS Metadata

Topics and Keywords

* CONTENT TYPE Downloadable Data

Citation

TITLE Coal Power Plant
PRESENTATION FORMATS * digital map

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 10.3.0.4322
CREDITS
U.S. EPA

Extents

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -158.106500
* EAST LONGITUDE -68.804600
* NORTH LATITUDE 64.854200
* SOUTH LATITUDE 20.867500
* EXTENT CONTAINS THE RESOURCE Yes
EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE -17600335.071107
* EAST LONGITUDE -7659293.036235
* SOUTH LATITUDE 2376086.373010
* NORTH LATITUDE 9570071.522390

* Extent contains the resource Yes

Spatial Reference

ArcGIS coordinate system

* Type Projected
* Geographic coordinate reference GCS_WGS_1984
* Projection WGS_1984_Web_Mercator_Auxiliary_Sphere
  * Coordinate reference details

Projected coordinate system

Well-known identifier 102100
X origin -22041545.367140558
Y origin -33272760.666300893
XY scale 135368852.55357128
Z origin -100000
Z scale 10000
M origin -100000
M scale 10000
XY tolerance 0.001
Z tolerance 0.001
M tolerance 0.001
High precision true
Latest well-known identifier 3857
Well-known text PROJCS["WGS_1984_Web_Mercator_Auxiliary_Sphere",GEOGCS ["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID ["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT ["Degree",0.0174532925199433]],PROJECTION["Mercator_Auxiliary_Sphere"],PARAMETER ["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER ["Central_Meridian",0.0],PARAMETER["Standard_Parallel_1",0.0],PARAMETER ["Auxiliary_Sphere_Type",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3857]]

Reference system identifier

* Value 3857
* Codespace EPSG
* Version 8.2.6

Spatial Data Properties

Vector

* Level of topology for this dataset geometry only

Geometric objects

Feature class name coal_power_plant_point_v2
* Object type point
* Object count 601

ArcGIS Feature Class Properties

Feature class name coal_power_plant_point_v2
* Feature type Simple
* Geometry type Point
* Has topology FALSE
* Feature count 601
* Spatial index TRUE
* Linear referencing FALSE

Distribution

Distribution format

* Name File Geodatabase Feature Class

Fields

Details for object coal_power_plant_point_v2

* Type Feature Class
* Row count 601

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.

Field Plant_stat

Alias Plant State

* Data type String
* Width 255
* Precision 0
* Scale 0
Field description
Plant state abbreviation
Description source
U.S. EPA

Field PNAME
Alias Plant Name
* Data type String
* Width 255
* Precision 0
* Scale 0
Field description
Plant Name
Description source
U.S. EPA

Field CNTYNAME
Alias County Name
* Data type String
* Width 255
* Precision 0
* Scale 0
Field description
Plant county name
Description source
U.S. EPA

Field NAMEPCAP
Alias Nameplate Capacity
* Data type Double
* Width 8
* Precision 0
* Scale 0
Field description
Plant nameplate capacity (MW)
Description source
U.S. EPA

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.

Metadata Details

* Metadata language English (UNITED STATES)
* Metadata character set utf8 - 8 bit UCS Transfer Format
Scope of the data described by the metadata * dataset
Scope name * dataset
* Last update 2017-01-16
ArcGIS metadata properties
Metadata format ArcGIS 1.0
Metadata style FGDC CSDGM Metadata
Standard or profile used to edit metadata FGDC
Created in ArcGIS for the item 2017-01-16 09:52:07
Last modified in ArcGIS for the item 2017-01-16 10:01:09
Automatic updates
Have been performed Yes
Last update 2017-01-16 09:52:07