

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 (eGRID2019).

Description

This dataset represents coal power plants from the U.S. EPA Emissions & Generation Resource Integrated Database (eGRID2019).

Credits

U.S. EPA

Use limitations

There are no access and use limitations for this item.

Extent

West -158.106528 **East** -66.149900
North 64.854171 **South** 17.947115

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** Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

CREDITS

U.S. EPA

ARCGIS ITEM PROPERTIES

- * NAME coal_power_plant_point_v3
- * LOCATION
 - * ACCESS PROTOCOL Local Area Network

Extents

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

- * WEST LONGITUDE -158.106528
- * EAST LONGITUDE -66.149900
- * NORTH LATITUDE 64.854171
- * SOUTH LATITUDE 17.947115
- * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

- * WEST LONGITUDE -17600338.188052
- * EAST LONGITUDE -7363773.184026
- * SOUTH LATITUDE 2031359.375771
- * NORTH LATITUDE 9570063.925103
- * 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 -20073617.602615312
Y ORIGIN -30241100
XY SCALE 145291185.25941995
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 8.8(9.3.1.2)

Spatial Data Properties

VECTOR

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME coal_power_plant_point_v3

* OBJECT TYPE point

* OBJECT COUNT 306

ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME coal_power_plant_point_v3

* FEATURE TYPE Simple

* GEOMETRY TYPE Point

* HAS TOPOLOGY FALSE

* FEATURE COUNT 306

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

Distribution

DISTRIBUTION FORMAT

* NAME File Geodatabase Feature Class

Fields

DETAILS FOR OBJECT coal_power_plant_point_v3

* TYPE Feature Class

* ROW COUNT 306

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 PNAME

* ALIAS Plant Name

* DATA TYPE String

* WIDTH 8000

* PRECISION 0

* SCALE 0

FIELD ORISPL

* ALIAS ORISPL

* DATA TYPE Integer

* WIDTH 4

* PRECISION 0

* SCALE 0

FIELD CNTYNAME

* ALIAS County Name

* DATA TYPE String

* WIDTH 8000

* PRECISION 0

* SCALE 0

FIELD LAT

* ALIAS LAT

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

FIELD LON

* ALIAS LON

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

FIELD NAMEPCAP

* ALIAS Plant Nameplate Capacity (MW)

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

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.

FIELD PSTATABB

* ALIAS State

* DATA TYPE String

* WIDTH 8000

* PRECISION 0

* SCALE 0

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 2021-10-06

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 2021-10-06 09:24:58

LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-10-06 10:32:39

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2021-10-06 10:04:04