

Elec_Coal_Sources

Shapefile



Tags

coal, mine, production, lignite, anthracite, bituminous, sub-bituminous

Summary

The S&P Global Platts Coal Mines and Sources geospatial data layer was created to show locations of coal mines and sources in the United States.

Description

The S&P Global Platts Coal Mines and Sources geospatial data layer contains point features representing the location of all coal-transacting sites within the United States. The different types of sites include preps, tipples, and mines and are attributed with detailed operating statistics.

Credits

Data is property of S&P Global Platts, a division of S&P Global. Data is not to be distributed without express, written consent of S&P Global Platts.

Use limitations

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

Extent

West -164.006999 **East** -75.066666
North 66.857566 **South** 27.776698

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 Elec_Coal_Sources

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 10.3.1.4959

CREDITS

Data is property of S&P Global Platts, a division of S&P Global. Data is not to be distributed without express, written consent of S&P Global Platts.

ARCGIS ITEM PROPERTIES

* NAME Elec_Coal_Sources

* SIZE 0.912

* LOCATION file://\co07fil601

\GIS\Builds\Quarterly_Releases\data_2016_q2_NA\Elec_Coal_Sources.shp

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -164.006999

* EAST LONGITUDE -75.066666

* NORTH LATITUDE 66.857566

* SOUTH LATITUDE 27.776698

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -164.006999

* EAST LONGITUDE -75.066666

* SOUTH LATITUDE 27.776698

* NORTH LATITUDE 66.857566

* 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 S&P

Global 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 **11258999068426.238**
 - 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 **8.6.2**

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET **geometry only**

GEOMETRIC OBJECTS

- FEATURE CLASS NAME **Elec_Coal_Sources**
- * OBJECT TYPE **point**
- * OBJECT COUNT **34155**

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

- FEATURE CLASS NAME **Elec_Coal_Sources**
- * FEATURE TYPE **Simple**
- * GEOMETRY TYPE **Point**
- * HAS TOPOLOGY **FALSE**
- * FEATURE COUNT **34155**
- * SPATIAL INDEX **TRUE**
- * LINEAR REFERENCING **FALSE**

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Distribution ►

DISTRIBUTOR ►

AVAILABLE FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 0.211

ONLINE SOURCE

* LOCATION file:///\\PIbofs004\gis\Development\ESRI_Shape\coal_src_point.shp

* ACCESS PROTOCOL Local Area Network

* DESCRIPTION Downloadable Data

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 0.912

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT Elec_Coal_Sources ►

* TYPE Feature Class

* ROW COUNT 34155

FIELD FID ►

* ALIAS FID

* 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 FID ▲](#)

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 MSHAID ►

- * ALIAS MSHAID
- * DATA TYPE String
- * WIDTH 7
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Mine Safety and Health Administration unique identifier

Hide Field MSHAID ▲

FIELD MINENAME ►

- * ALIAS MINENAME
- * DATA TYPE String
- * WIDTH 60
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Name of coal source

Hide Field MINENAME ▲

FIELD PLCMNT ►

- * ALIAS PLCMNT
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Mine placement accuracy

LIST OF VALUES

- VALUE Actual
- DESCRIPTION Mine placed at actual mine location
- VALUE County Centroid
- DESCRIPTION Mine placed on county centroid location

VALUE Estimate
DESCRIPTION Mine placed at estimated location

VALUE Estimate-Comm. of AU
DESCRIPTION Miine place at estimated location - Australia only

VALUE State Centroid
DESCRIPTION Mine placed at state centroid location

[Hide Field PLCMENT ▲](#)

FIELD MINEID ►

* ALIAS MINEID
* DATA TYPE Double
* WIDTH 19
* PRECISION 18
* SCALE 8

FIELD DESCRIPTION

S&P Global Platts assigned coal source unique identifier

[Hide Field MINEID ▲](#)

FIELD COALREG ►

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

FIELD DESCRIPTION

Coal supply region name

[Hide Field COALREG ▲](#)

FIELD DOMAIN ►

* ALIAS DOMAIN
* DATA TYPE String
* WIDTH 20
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

North America or Australia coverage

[Hide Field DOMAIN ▲](#)

FIELD MSHA_ID ►

* ALIAS MSHA_ID
* DATA TYPE String
* WIDTH 7
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Mine Safety and Health Administration unique identifier

[Hide Field MSHA_ID ▲](#)

FIELD **CONTCOID** ▶

- * ALIAS **CONTCOID**
- * DATA TYPE **Double**
- * WIDTH **19**
- * PRECISION **19**
- * SCALE **0**

FIELD DESCRIPTION

Mine Safety and Health Administration assigned coal source controlling company unique identifier

Hide Field CONTCOID ▲

FIELD **CONTCO** ▶

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

FIELD DESCRIPTION

Coal source controlling company name

Hide Field CONTCO ▲

FIELD **OPERCROID** ▶

- * ALIAS **OPERCROID**
- * DATA TYPE **Double**
- * WIDTH **19**
- * PRECISION **19**
- * SCALE **0**

FIELD DESCRIPTION

Mine Safety and Health Administration assigned coal source operating company unique identifier

Hide Field OPERCROID ▲

FIELD **OPERCO** ▶

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

FIELD DESCRIPTION

Coal source operating company name

Hide Field OPERCO ▲

FIELD **MINE_TYPE** ▶

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

FIELD DESCRIPTION

Underground or surface

[Hide Field MINE_TYPE ▲](#)

FIELD STATUS ►

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

FIELD DESCRIPTION

Operational status

LIST OF VALUES

VALUE Closed YYYY
DESCRIPTION Mine was closed in year YYYY

VALUE Existing Active
DESCRIPTION Mine is active

VALUE Existing inactive
DESCRIPTION Mine is inactive

VALUE Idled
DESCRIPTION Mine is idled

VALUE Proposed
DESCRIPTION Mine is proposed

VALUE Temporarily Inactive
DESCRIPTION Mine is temporarily inactive

VALUE Under Construction
DESCRIPTION Mine is under construction

[Hide Field STATUS ▲](#)

FIELD PROD_TONS ►

- * ALIAS PROD_TONS
- * DATA TYPE Double
- * WIDTH 13
- * PRECISION 12
- * SCALE 3

FIELD DESCRIPTION

Total amount of coal produced in thousands of tons

[Hide Field PROD_TONS ▲](#)

FIELD NUM_EMP ►

- * ALIAS NUM_EMP
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 19
- * SCALE 0

FIELD DESCRIPTION

The average number of coal mine employees working at an active mine during the reported year. Employees associated with mills, prep plants, tippie office operations,

and shops are excluded. Data reported on the Quarterly Mine Employment and Coal Production Report (Mine Safety and Health Administration (MSHA) Form 7000-2).

[Hide Field NUM_EMP ▲](#)

FIELD [EMP_HRS ▶](#)

- * ALIAS EMP_HRS
- * DATA TYPE Double
- * WIDTH 13
- * PRECISION 12
- * SCALE 3

FIELD DESCRIPTION

The total number of hours worked by coal mine employees in one year, reported in thousands of hours. Employee hours reported are only for the active mining operations. Employees associated with mills, prep plants, tippie office operations, and shops are excluded. Data reported on the Quarterly Mine Employment and Coal Production Report (Mine Safety and Health Administration (MSHA) Form 7000-2).

[Hide Field EMP_HRS ▲](#)

FIELD [SOLD_TONS ▶](#)

- * ALIAS SOLD_TONS
- * DATA TYPE Double
- * WIDTH 12
- * PRECISION 11
- * SCALE 2

FIELD DESCRIPTION

Tons of coal combustion byproducts (CCBs) sold into the various CCB markets. Typically, sold tons generate a return to the utility.

[Hide Field SOLD_TONS ▲](#)

FIELD [CONT_TONS ▶](#)

- * ALIAS CONT_TONS
- * DATA TYPE Double
- * WIDTH 12
- * PRECISION 11
- * SCALE 2

FIELD DESCRIPTION

Contract shipment tonnage, reported on FERC Form 423

[Hide Field CONT_TONS ▲](#)

FIELD [SPOT_TONS ▶](#)

- * ALIAS SPOT_TONS
- * DATA TYPE Double
- * WIDTH 12
- * PRECISION 11
- * SCALE 2

FIELD DESCRIPTION

Reported spot shipment tonnage

[Hide Field SPOT_TONS ▲](#)

FIELD BTU ▶

- * ALIAS BTU
- * DATA TYPE Double
- * WIDTH 12
- * PRECISION 11
- * SCALE 2

FIELD DESCRIPTION

Heat content, in British Thermal Units (BTU) per pound, reported on the FERC Form 423 for shipments to electric utilities

[Hide Field BTU](#) ▲

FIELD SULFUR ▶

- * ALIAS SULFUR
- * DATA TYPE Double
- * WIDTH 12
- * PRECISION 11
- * SCALE 2

FIELD DESCRIPTION

Sulfur content, in percent, as reported on the FERC Form 423 for shipments to electric utilities

[Hide Field SULFUR](#) ▲

FIELD ASH ▶

- * ALIAS ASH
- * DATA TYPE Double
- * WIDTH 12
- * PRECISION 11
- * SCALE 2

FIELD DESCRIPTION

As delivered ash content, in percent, as reported on the FERC Form 423 for shipments to electric utilities

[Hide Field ASH](#) ▲

FIELD YR ▶

- * ALIAS YR
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 19
- * SCALE 0

FIELD DESCRIPTION

Year for which production statistics apply

[Hide Field YR](#) ▲

[Hide Details for object Elec_Coal_Sources](#) ▲

[Hide Fields](#) ▲

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 2016-08-24

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA ItemDescription

CREATED IN ARCGIS FOR THE ITEM 2015-08-19 10:55:11

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-08-24 15:18:54

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2016-07-01 12:57:08

ITEM LOCATION HISTORY

ITEM COPIED OR MOVED 2014-09-02 14:35:03

FROM G:\Development\ESRI_Shape\coal_src_point

TO \\CO02FIL001\GIS\Builds\ESRI_Shape\coal_src_point

[Hide Metadata Details ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼