

## Elec\_ISO\_RTO\_Regions

### Shapefile



### Tags

independent system operator, iso, regional transmission organization, rto, utilitiesCommunication, economy

### Summary

The S&P Global Platts Independent System Operator (ISO) Zones geospatial data layer was created to show the geographic extent of wholesale power zones and interfaces maintained by ISO's.

### Description

The S&P Global Platts Independent System Operator (ISO) Zones geospatial data layer contains polygons representing the geographic extent of the wholesale power zones and interfaces that ISO's maintain reliability and direct transmission traffic for. Most ISO's are not-for-profit organizations that manage the transmission lines and supervise maintenance within their zones, but the transmission systems are still owned and maintained by individual utilities. ISOs facilitate fair and open competition in the wholesale power market and allow for power to be purchased and sold through competitive bidding.

### 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

<b>West</b>	-124.407951	<b>East</b>	-66.980385
<b>North</b>	59.999920	<b>South</b>	25.835550

### Scale Range

<b>Maximum (zoomed in)</b>	1:5,000
<b>Minimum (zoomed out)</b>	1:150,000,000

### ArcGIS Metadata ►

## Topics and Keywords ►

\* CONTENT TYPE Downloadable Data

[Hide Topics and Keywords ▲](#)

## Citation ►

\* TITLE Elec\_ISO\_RTO\_Regions

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

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### ARCGIS ITEM PROPERTIES

\* NAME Elec\_ISO\_RTO\_Regions

\* SIZE 2.235

\* LOCATION file://\co07fil601

\GIS\Builds\Quarterly\_Releases\data\_2016\_q2\_NA\Elec\_ISO\_RTO\_Regions.shp

\* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

## Extents ►

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -124.407951

\* EAST LONGITUDE -66.980385

\* NORTH LATITUDE 59.999920

\* SOUTH LATITUDE 25.835550

\* EXTENT CONTAINS THE RESOURCE Yes

### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE -124.407951

\* EAST LONGITUDE -66.980385

\* SOUTH LATITUDE 25.835550

\* NORTH LATITUDE 59.999920

\* 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\_ISO\_RTO\_Regions**
- \* OBJECT TYPE **composite**
- \* OBJECT COUNT **53**

[Hide Vector ▲](#)

### ARCGIS FEATURE CLASS PROPERTIES ►

- FEATURE CLASS NAME **Elec\_ISO\_RTO\_Regions**

- \* FEATURE TYPE Simple
- \* GEOMETRY TYPE Polygon
- \* HAS TOPOLOGY FALSE
- \* FEATURE COUNT 53
- \* 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 2.168

#### ONLINE SOURCE

- \* LOCATION file:///\\co02FIL001\gis\Builds\ESRI\_Shape\isoregn.shp
- \* ACCESS PROTOCOL Local Area Network
- \* DESCRIPTION Downloadable Data

[Hide Distributor ▲](#)

### DISTRIBUTION FORMAT

- \* NAME Shapefile

### TRANSFER OPTIONS

- \* TRANSFER SIZE 2.235

[Hide Distribution ▲](#)

## Fields ►

### DETAILS FOR OBJECT [Elec\\_ISO\\_RTO\\_Regions](#) ►

- \* TYPE Feature Class
- \* ROW COUNT 53

#### DEFINITION

Region layer representing the extent of wholesale power zones and interfaces maintained by ISO's.

### 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 ZONE\_ID ►

\* ALIAS ZONE\_ID

\* DATA TYPE Double

\* WIDTH 19

\* PRECISION 18

\* SCALE 8

FIELD DESCRIPTION

S&P Global Platts assigned zone company unique identifier

*Hide Field ZONE\_ID ▲*

FIELD ZONE\_NAME ►

\* ALIAS ZONE\_NAME

\* DATA TYPE String

\* WIDTH 100

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

ISO zone company name

*Hide Field ZONE\_NAME ▲*

FIELD ZN\_ABBRV ►

\* ALIAS ZN\_ABBRV

\* DATA TYPE String

\* WIDTH 12

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

ISO zone company short name

[Hide Field ZN\\_ABBRV ▲](#)

FIELD ISO\_ABBRV ►

\* ALIAS ISO\_ABBRV

\* DATA TYPE String

\* WIDTH 20

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

ISO zone short name

[Hide Field ISO\\_ABBRV ▲](#)

FIELD ISO\_ID ►

\* ALIAS ISO\_ID

\* DATA TYPE Double

\* WIDTH 19

\* PRECISION 18

\* SCALE 8

FIELD DESCRIPTION

S&P Global Platts assigned ISO zone unique identifier

[Hide Field ISO\\_ID ▲](#)

FIELD ISO\_Comno ►

\* ALIAS ISO\_Comno

\* DATA TYPE String

\* WIDTH 12

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

S&P Global Platts assigned ISO company unique identifier

[Hide Field ISO\\_Comno ▲](#)

FIELD ISO\_NAME ►

\* ALIAS ISO\_NAME

\* DATA TYPE String

\* WIDTH 100

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

ISO zone name

[Hide Field ISO\\_NAME ▲](#)

FIELD COLOR ►

\* ALIAS COLOR

\* DATA TYPE SmallInteger

- \* WIDTH 5
- \* PRECISION 5
- \* SCALE 0

## FIELD DESCRIPTION

Color code for thematic symbolization purposes

*Hide Field COLOR ▲*

## FIELD DOMAIN ►

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

## FIELD DESCRIPTION

North America or Europe coverage

*Hide Field DOMAIN ▲*

## FIELD area ►

- \* ALIAS area
- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0

*Hide Field area ▲*

## FIELD len ►

- \* ALIAS len
- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0

*Hide Field len ▲*

*Hide Details for object Elec\_ISO\_RTO\_Regions ▲*

## OVERVIEW DESCRIPTION ►

*Hide Overview Description ▲*

*Hide Fields ▲*

**Metadata Details ►**

- \* METADATA LANGUAGE English (UNITED STATES)
- \* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format
- \* METADATA IDENTIFIER {E73CD21C-6F72-4F37-80E2-92E700DEB048}

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

METADATA STYLE XTools Pro Metadata

STANDARD OR PROFILE USED TO EDIT METADATA ItemDescription

CREATED IN ARCGIS FOR THE ITEM 2015-08-19 10:56:00

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-08-24 15:14:37

#### AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2016-06-29 17:36:25

PUBLISHED TO AN ARCSIMS METADATA SERVICE Published

#### ITEM LOCATION HISTORY

ITEM COPIED OR MOVED 2014-09-18 11:46:25

FROM G:\Development\Work\isoregn\esri\ISO\_Region\_New

TO \\CO02FIL001\GIS\Builds\ESRI\_Shape\ISO\_Region\_New

[Hide Metadata Details ▲](#)

## Thumbnail and Enclosures ►

#### THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

## FGDC Metadata (read-only) ▼