

2018 NERC Regions



Tags

NERC, North American Electric Reliability Corporation, Region, Electricity

Summary

This dataset depicts North American Electric Reliability Corporation (NERC) region boundaries.

Description

This dataset depicts North American Electric Reliability Corporation (NERC) region boundaries. Boundaries are not exact and are based on the 2018 region boundaries depicted here: <https://www.nerc.com/AboutNERC/keyplayers/PublishingImages/Regions24JUL18.jpg>, accessed 8/16/18. The image was georeferenced assuming a GCS_WGS_1984 coordinate system, the inter-region boundaries manually digitized, and coastlines and political boundaries were taken from U.S. Census boundaries.

Credits

Dataset created by Argonne National Laboratory based on NERC region boundaries depicted here: <https://www.nerc.com/AboutNERC/keyplayers/PublishingImages/Regions24JUL18.jpg>

Use limitations

There are no access and use limitations for this item.

Extent

West -138.938599 East -57.265503
North 62.590271 South 25.130493

Scale Range

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

ArcGIS Metadata

Topics and Keywords

THEMES OR CATEGORIES OF THE RESOURCE utilitiesCommunication
* CONTENT TYPE Downloadable Data
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

Citation

TITLE 2018 NERC Regions
PUBLICATION DATE 2018-07-24 00:00:00
PRESENTATION FORMATS * digital map

Citation Contacts

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Jim Kuiper
ORGANIZATION'S NAME Argonne National Laboratory
CONTACT'S ROLE originator
CONTACT INFORMATION

PHONE

VOICE 630-252-6206

ADDRESS

TYPE postal
DELIVERY POINT 9700 S. Cass Avenue
CITY Lemont
ADMINISTRATIVE AREA Illinois
POSTAL CODE 60439
COUNTRY US
E-MAIL ADDRESS jkuiper@anl.gov

Resource Details

DATASET LANGUAGES * English (UNITED STATES)
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format
STATUS completed
SPATIAL REPRESENTATION TYPE * vector
* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.0.4322
CREDITS

Dataset created by Argonne National Laboratory based on NERC region boundaries depicted here: <https://www.nerc.com/AboutNERC/keyplayers/PublishingImages/Regions24JUL18.jpg>

ARCGIS ITEM PROPERTIES

* NAME jurisdiction_nerc_region_v2
* ACCESS PROTOCOL Local Area Network

Extents

EXTENT

DESCRIPTION

2018 NERC Map

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
* WEST LONGITUDE -138.938599
* EAST LONGITUDE -57.265503
* NORTH LATITUDE 62.590271
* SOUTH LATITUDE 25.130493
* EXTENT CONTAINS THE RESOURCE Yes

TEMPORAL EXTENT

DATE AND TIME 2018-07-18 00:00:00

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -15466574.051400
* EAST LONGITUDE -6374766.626200
* SOUTH LATITUDE 2891781.300400
* NORTH LATITUDE 9000482.081700
* EXTENT CONTAINS THE RESOURCE Yes

Resource Points of Contact

POINT OF CONTACT

INDIVIDUAL'S NAME **Jim Kuiper**

ORGANIZATION'S NAME **Argonne National Laboratory**

CONTACT'S ROLE **distributor**

CONTACT INFORMATION

PHONE

VOICE **630-252-6206**

ADDRESS

TYPE **postal**

DELIVERY POINT **9700 S. Cass Avenue**

CITY **Lemont**

ADMINISTRATIVE AREA **Illinois**

POSTAL CODE **60439**

COUNTRY **US**

E-MAIL ADDRESS **jkuiper@anl.gov**

Resource Maintenance

RESOURCE MAINTENANCE

UPDATE FREQUENCY **as needed**

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 **-21940362.558060005**

Y ORIGIN **-30241100**

XY SCALE **144381166.92744523**

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 jurisdiction_nerc_region_v2

- * OBJECT TYPE composite
- * OBJECT COUNT 7

ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME jurisdiction_nerc_region_v2

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polygon
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 7
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

Distribution

DISTRIBUTION FORMAT

- * NAME File Geodatabase Feature Class

Fields

DETAILS FOR OBJECT jurisdiction_nerc_region_v2 ►

- * TYPE Feature Class
- * ROW COUNT 7

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 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 **NERC_REGION**

ALIAS NERC Region Abbreviation

- * DATA TYPE String
- * WIDTH 255
- * PRECISION 0
- * SCALE 0

FIELD **Region_Name**

ALIAS Name of NERC Region

- * DATA TYPE String
- * WIDTH 200
- * PRECISION 0
- * SCALE 0

FIELD **Shape_Length**

* ALIAS Shape_Length

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

* FIELD DESCRIPTION

Length of feature in internal units.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

FIELD **Shape_Area**

* ALIAS Shape_Area

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

* FIELD DESCRIPTION

Area of feature in internal units squared.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

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 2018-08-17

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 2018-08-17 15:51:38

LAST MODIFIED IN ARCGIS FOR THE ITEM 2018-08-17 16:21:41

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2018-08-17 16:11:57

Metadata Contacts

METADATA CONTACT

INDIVIDUAL'S NAME **Jim Kuiper**

ORGANIZATION'S NAME **Argonne National Laboratory**

CONTACT'S ROLE **resource provider**

CONTACT INFORMATION

PHONE

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ADDRESS

TYPE **postal**

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Metadata Maintenance

MAINTENANCE

UPDATE FREQUENCY **as needed**