

Biodiesel Plants in the U.S.



Tags

biodiesel renewable production energy infrastructure map

Summary

Biodiesel plants in the United States as of July 2018. Source: EIA-22M, Monthly Biodiesel Production Survey.

Description

There is no description for this item.

Credits

There are no credits for this item.

Use limitations

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Extent

West -156.461400 East -70.327500
North 61.163600 South 20.892300

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 ²

Citation

TITLE Biodiesel Plants in the U.S.

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 10.6.1.9270

ARCGIS ITEM PROPERTIES

* NAME plant_biodiesel_eia_v2

* SIZE 0.003

* LOCATION f* ACCESS PROTOCOL Local Area Network

Extents

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -156.461400

* EAST LONGITUDE -70.327500

* NORTH LATITUDE 61.163600

* SOUTH LATITUDE 20.892300

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -17417203.376803

* EAST LONGITUDE -7828821.488764

* SOUTH LATITUDE 2379041.137051

* NORTH LATITUDE 8663485.327906

* EXTENT CONTAINS THE RESOURCE Yes

Resource Constraints

CONSTRAINTS

LIMITATIONS OF USE

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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 **8.8(9.3.1.2)**

Spatial Data Properties

VECTOR

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

GEOMETRIC OBJECTS

- FEATURE CLASS NAME **plant_biodiesel_eia_v2**
- * OBJECT TYPE **point**
- * OBJECT COUNT **92**

ARCGIS FEATURE CLASS PROPERTIES

- FEATURE CLASS NAME **plant_biodiesel_eia_v2**
- * FEATURE TYPE **Simple**
- * GEOMETRY TYPE **Point**
- * HAS TOPOLOGY **FALSE**
- * FEATURE COUNT **92**
- * SPATIAL INDEX **TRUE**
- * LINEAR REFERENCING **FALSE**

Distribution

DISTRIBUTION FORMAT

- * NAME **File Geodatabase Feature Class**

TRANSFER OPTIONS

- * TRANSFER SIZE **0.003**

Fields

DETAILS FOR OBJECT **plant_biodiesel_eia_v2**

- * TYPE **Feature Class**
- * ROW COUNT **92**
- 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 **Company**
 - * ALIAS **Company**
 - * DATA TYPE **String**
 - * WIDTH **254**
 - * PRECISION **0**
 - * SCALE **0**
- FIELD **Cap_Mmgal**
 - ALIAS **Production Capacity**
 - * DATA TYPE **Integer**
 - * WIDTH **4**
 - * PRECISION **0**
 - * SCALE **0**

FIELD DESCRIPTION

Annual production capacity in millions of gallons.

DESCRIPTION SOURCE

EIA-22m (Monthly Biodiesel Production Survey)

FIELD State

- * ALIAS State
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

State location of plant.

FIELD PADD

- * ALIAS PADD
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Petroleum Administration for Defense District (PADD) location of the plant.

PADDs are made up of the 50 U.S. states and the District of Columbia and are divided into five districts.

FIELD Longitude

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

FIELD DESCRIPTION

The longitude of the ethanol plant in decimal degrees.

FIELD Latitude

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

FIELD DESCRIPTION

The latitude of the ethanol plant in decimal degrees.

FIELD Source

- * ALIAS Source
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

EIA-22m (Monthly Biodiesel Production Survey)

DESCRIPTION SOURCE

EIA

FIELD Period

- ALIAS Data period
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The time period/currency of the data.

DESCRIPTION SOURCE

EIA

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)

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset

* LAST UPDATE 2019-05-17

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 2019-05-15 14:30:42

LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-05-17 15:58:46

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

Thumbnail and Enclosures

THUMBNAIL

THUMBNAIL TYPE JPG