

U.S. Natural Gas Processing Plants



Tags

energy, infrastructure, natural gas, processing, plants, United States

Summary

Natural gas processing plants in the U.S as of 12/31/2017. Data based on 2017 annual averages. Source: EIA-757, Natural Gas Processing Plant Survey.

Description

Natural gas processing plants in the U.S as of 12/31/2017. Data based on 2017 annual averages. Source: EIA-757, Natural Gas Processing Plant Survey.

Credits

There are no credits for this item.

Use limitations

The U.S. Energy Information Administration shall not be held liable for improper or incorrect use of the data described and/or contained herein. These data and related graphics, if available, are not legal documents and are not intended to be used as such. The information contained in these data is dynamic and may change over time. The U.S. Energy Information Administration gives no warranty, expressed or implied, as to the accuracy, reliability, or completeness of these data.

Extent

West -120.432860 **East** -78.659100
North 48.873660 **South** 26.421190

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 U.S. Natural Gas Processing Plants
PRESENTATION FORMATS * digital map

Resource Details

DATASET LANGUAGES * English (UNITED STATES)
SPATIAL REPRESENTATION TYPE * vector
* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.6.1.9270
ARCGIS ITEM PROPERTIES
* NAME plant_ng_processing_eia_v2
* SIZE 0.013

* ACCESS PROTOCOL Local Area Network

Extents

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -120.432860
* EAST LONGITUDE -78.659100
* NORTH LATITUDE 48.873660
* SOUTH LATITUDE 26.421190
* EXTENT CONTAINS THE RESOURCE Yes
EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE -13406524.649978
* EAST LONGITUDE -8756290.958257
* SOUTH LATITUDE 3051341.342607

* NORTH LATITUDE 6253451.265223
* 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_ng_processing_eia_v2
* OBJECT TYPE point
* OBJECT COUNT 478

ARCGIS FEATURE CLASS PROPERTIES
FEATURE CLASS NAME plant_ng_processing_eia_v2
* FEATURE TYPE Simple
* GEOMETRY TYPE Point
* HAS TOPOLOGY FALSE
* FEATURE COUNT 478
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

Distribution

DISTRIBUTION FORMAT
* NAME File Geodatabase Feature Class
TRANSFER OPTIONS
* TRANSFER SIZE 0.013

Fields

DETAILS FOR OBJECT plant_ng_processing_eia_v2
* TYPE Feature Class
* ROW COUNT 478

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 Plant_Name
* ALIAS Plant_Name
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Name of natural gas processing plant.

DESCRIPTION SOURCE
EIA

FIELD Owner
* ALIAS Owner
* DATA TYPE String
* WIDTH 254
* PRECISION 0

* SCALE 0
FIELD DESCRIPTION
The company that owns the natural gas processing plant.

DESCRIPTION SOURCE
EIA

FIELD Operator
* ALIAS Operator
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
The company that operates the natural gas processing plant.

DESCRIPTION SOURCE
EIA

FIELD [State](#)

* ALIAS [State](#)
* DATA TYPE [String](#)
* WIDTH [254](#)
* PRECISION [0](#)
* SCALE [0](#)

FIELD DESCRIPTION

State where plant is located.

DESCRIPTION SOURCE

EIA

FIELD [County](#)

* ALIAS [County](#)
* DATA TYPE [String](#)
* WIDTH [254](#)
* PRECISION [0](#)
* SCALE [0](#)

FIELD DESCRIPTION

County where plant is located.

DESCRIPTION SOURCE

EIA

FIELD [City](#)

* ALIAS [City](#)
* DATA TYPE [String](#)
* WIDTH [254](#)
* PRECISION [0](#)
* SCALE [0](#)

FIELD DESCRIPTION

City where plant is located.

DESCRIPTION SOURCE

EIA

FIELD [ZipCode](#)

* ALIAS [ZipCode](#)
* DATA TYPE [String](#)
* WIDTH [254](#)
* PRECISION [0](#)
* SCALE [0](#)

FIELD DESCRIPTION

Zip code where plant is located.

DESCRIPTION SOURCE

EIA

FIELD [Cap_MMcf](#)

* ALIAS [Cap_MMcf](#)
* DATA TYPE [Double](#)
* WIDTH [8](#)
* PRECISION [0](#)
* SCALE [0](#)

FIELD DESCRIPTION

The plant's annual average total capacity in million cubic feet per day. The inlet capacity level at which the plant is able to operate.

DESCRIPTION SOURCE

EIA

FIELD [Plant_Flow](#)

* ALIAS [Plant_Flow](#)
* DATA TYPE [Double](#)
* WIDTH [8](#)
* PRECISION [0](#)
* SCALE [0](#)

FIELD DESCRIPTION

The annual average natural gas flow at the plant inlet in million cubic feet per day.

DESCRIPTION SOURCE

EIA

FIELD [Dry_Stor](#)

* ALIAS [Dry_Stor](#)
* DATA TYPE [Integer](#)
* WIDTH [4](#)
* PRECISION [0](#)
* SCALE [0](#)

FIELD DESCRIPTION

Dry natural gas storage capacity in millions of cubic feet.

DESCRIPTION SOURCE

EIA

FIELD [BTU_Conten](#)

* ALIAS [BTU_Conten](#)
* DATA TYPE [Double](#)
* WIDTH [8](#)
* PRECISION [0](#)
* SCALE [0](#)

FIELD [NGL_Stor](#)

* ALIAS [NGL_Stor](#)
* DATA TYPE [Integer](#)
* WIDTH [4](#)
* PRECISION [0](#)
* SCALE [0](#)

FIELD DESCRIPTION

Natural gas liquids storage capacity in millions of cubic feet.

DESCRIPTION SOURCE

EIA

FIELD Latitude

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

FIELD DESCRIPTION

Latitude of plant location in decimal degrees.

FIELD Longitude

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

FIELD DESCRIPTION

Longitude of plant location in decimal degrees.

FIELD Period

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

FIELD DESCRIPTION

Data period.

DESCRIPTION SOURCE

EIA

FIELD Source

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

FIELD DESCRIPTION

Data source.

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 2019-05-18

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

LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-05-18

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2019-05-18

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG