

Liquefied Natural Gas Import/Export Terminals in the United States



Tags

LNG, natural gas, import, export, terminals, energy, infrastructure, storage, shapefile, United States, USA, EIA

Summary

This data was created for the purpose of identifying and providing detailed information on liquefied natural gas import and export terminals in the United States.

Description

This is a point dataset representing liquefied natural gas import/export terminals in the United States as of January 2020. These are defined as terminals capable of liquefaction of natural gas for transport or receipt and regasification of LNG for use as natural gas. Source: EIA based on Federal Energy Regulatory Commission (FERC), Department of Energy (DOE) Office of Fossil Energy (FE), and trade press. For related data published by EIA see U.S. Liquefaction Capacity (<https://www.eia.gov/naturalgas/U.S.liquefactioncapacity.xlsx>).

Credits

U.S. Energy Information Administration, Federal Energy Regulatory Commission (FERC), Department of Energy (DOE) Office of Fossil Energy (FE),

Use limitations

None (public use). Users are advised to thoroughly review the metadata to understand the appropriate use and limitations of the data. 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 -97.276307 **East** -70.359900
North 42.604900 **South** 27.891230

Scale Range

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

ArcGIS Metadata

Topics and Keywords

* **CONTENT TYPE** Downloadable Data
PLACE KEYWORDS United States, USA
THEME KEYWORDS energy, natural gas, infrastructure, EIA

Citation

TITLE Liquefied Natural Gas Import/Export Terminals in the United States
PUBLICATION DATE 2020-04-28 00:00:00
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

Credits

U.S. Energy Information Administration, Federal Energy Regulatory Commission (FERC), Department of Energy (DOE) Office of Fossil Energy (FE),

ArcGIS Item Properties

* **NAME**
* **SIZE** 0.000
* **LOCATION**
* **ACCESS PROTOCOL** Local Area Network

Extents

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
* WEST LONGITUDE -97.276307
* EAST LONGITUDE -70.359900
* NORTH LATITUDE 42.604900
* SOUTH LATITUDE 27.891230
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE -10828748.961490
* EAST LONGITUDE -7832428.240266
* SOUTH LATITUDE 3235267.289402
* NORTH LATITUDE 5252025.657977
* EXTENT CONTAINS THE RESOURCE Yes

Resource Maintenance

RESOURCE MAINTENANCE
UPDATE FREQUENCY as needed

Resource Constraints

CONSTRAINTS

LIMITATIONS OF USE

None (public use). Users are advised to thoroughly review the metadata to understand the appropriate use and limitations of the data. 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.

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 -21940362.558068998
 Y ORIGIN -30241100
 XY SCALE 144381166.92742443
 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 terminal_lng_eia_v3
* OBJECT TYPE point
* OBJECT COUNT 8

ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME terminal_lng_eia_v3
* FEATURE TYPE Simple
* GEOMETRY TYPE Point
* HAS TOPOLOGY FALSE
* FEATURE COUNT 8
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

Lineage

LINEAGE STATEMENT

EIA based on information from Federal Energy Regulatory Commission (FERC), Department of Energy (DOE) Office of Fossil Energy (FE), and trade press.

Distribution

DISTRIBUTION FORMAT

* NAME File Geodatabase Feature Class

TRANSFER OPTIONS

* TRANSFER SIZE 0.000

Fields

DETAILS FOR OBJECT terminal_lng_eia_v3

* TYPE Feature Class
* ROW COUNT 8

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 Facility
* ALIAS Facility Name
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Name of LNG terminal facility.

DESCRIPTION SOURCE
EIA

FIELD Owner
* ALIAS Owner Name
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
LNG terminal owner.

DESCRIPTION SOURCE
EIA

FIELD Operator
* ALIAS Operator
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
The entity that operates the LNG terminal.

DESCRIPTION SOURCE
EIA

FIELD City
* ALIAS City Name
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
City location of LNG terminal.

DESCRIPTION SOURCE
EIA

FIELD County
* ALIAS County Name
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
County location of LNG terminal

DESCRIPTION SOURCE
EIA

FIELD State
* ALIAS State
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
State location of LNG terminal

DESCRIPTION SOURCE
EIA

FIELD Functions
* ALIAS Functions
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION

Operational function(s) of LNG terminal.

DESCRIPTION SOURCE

EIA

LIST OF VALUES

VALUE Import

DESCRIPTION Import terminal

VALUE Export

DESCRIPTION Export terminal

VALUE Import\Export

DESCRIPTION Import and export terminal

FIELD Regas_Bcfd

* ALIAS Regasification Capacity (billion cubic feet per day)

* DATA TYPE String

* WIDTH 254

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Regasification capacity in billion cubic feet per day (Bcfd).

DESCRIPTION SOURCE

EIA

FIELD Latitude

* ALIAS Latitude

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Latitude of LNG terminal in decimal degrees.

DESCRIPTION SOURCE

EIA

FIELD Liq_Bcfd

* ALIAS Operational Liquefaction Capacity (Baseload) (Bcfd)

* DATA TYPE String

* WIDTH 254

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Operational liquefaction capacity (baseload) in billion cubic feet per day (Bcfd).

FIELD Longitude

* ALIAS Longitude

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Longitude of LNG in decimal degrees.

DESCRIPTION SOURCE

EIA

FIELD Period

* ALIAS Period

* DATA TYPE String

* WIDTH 254

* 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

Source of information

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.

FIELD Stora_Bcf

* ALIAS Storage Capacity (Bcf)

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

FIELD DESCRIPTION

Onsite storage capacity of the LNG terminal in billion cubic feet (Bcf).

DESCRIPTION SOURCE

EIA

Metadata Details

* METADATA LANGUAGE English (UNITED STATES)

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset

* LAST UPDATE 2021-08-05

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 2021-07-06 12:54:53

LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-08-05 12:06:12

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2021-08-05 12:06:12

Metadata Contacts

METADATA CONTACT

INDIVIDUAL'S NAME EIA mapping feedback: mapping@eia.gov