

Operational Anaerobic Digester



Tags

AgSTAR, U.S. EPA, U.S. Environmental Protection Agency, Anaerobic Digester Systems, Commercial Livestock Farms, Livestock, Dairy, Swine, Poultry, Beef, Mixed, Electrical Energy, Thermal Energy, Biogas, Methane, Flare, Boiler, Pipeline Injection, Emissions, Energy Generation, Greenhouse Gases, Air Pollutants, Fossil Fuels, U.S., United States, United States of America

Summary

This layer displays the Operational Anaerobic Digester's in the United States as reported by the U.S. Environmental Protection Agency's AgSTAR Program.

Description

This layer displays the Operational Anaerobic Digester's in the United States as reported by the U.S. Environmental Protection Agency's AgSTAR Program.

Credits

U.S. Environmental Protection Agency's AgSTAR Program

Use limitations

These data were compiled from a variety of sources. AgSTAR cannot guarantee the accuracy of these data. AgSTAR encourages farm operators, project developers, financiers, and others involved in the development of farm digester projects to provide updates and corrections to these data by contacting AgSTAR.

Extent

West -124.230178 **East** -67.939760
North 49.002432 **South** 29.417057

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 Operational Anaerobic Digester
CREATION DATE 2016-05-01 00:00:00
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 10.3.0.4322
CREDITS
 U.S. Environmental Protection Agency's AgSTAR Program
ARCGIS ITEM PROPERTIES
 * NAME anaerobic_digester_operational_epa_v2

Extents

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
* WEST LONGITUDE -124.230178
* EAST LONGITUDE -67.939760
* NORTH LATITUDE 49.002432
* SOUTH LATITUDE 29.417057

* EXTENT CONTAINS THE RESOURCE Yes
EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE -13829240.156118
* EAST LONGITUDE -7563019.487817
* SOUTH LATITUDE 3428835.894256
* NORTH LATITUDE 6275274.063598
* EXTENT CONTAINS THE RESOURCE Yes

Resource Constraints

CONSTRAINTS

LIMITATIONS OF USE

These data were compiled from a variety of sources. AgSTAR cannot guarantee the accuracy of these data. AgSTAR encourages farm operators, project developers, financiers, and others involved in the development of farm digester projects to provide updates and corrections to these data by contacting AgSTAR.

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 -20037700
Y ORIGIN -30241100
XY SCALE 148923141.92838538
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 anaerobic_digester_operational_epa_v2
* OBJECT TYPE composite
* OBJECT COUNT 151

ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME anaerobic_digester_operational_epa_v2
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 151
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

Distribution

DISTRIBUTION FORMAT

* NAME File Geodatabase Feature Class

Fields

DETAILS FOR OBJECT anaerobic_digester_operational_epa_v2

* TYPE Feature Class
* ROW COUNT 151

FIELD OBJECTID

* ALIAS OBJECTID
* DATA TYPE OID
* WIDTH 4
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
Internal feature number.
* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Sequentially 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 FIPS

* ALIAS FIPS

* DATA TYPE String

* WIDTH 255

* PRECISION 0

* SCALE 0

FIELD County

* ALIAS County

* DATA TYPE String

* WIDTH 255

* PRECISION 0

* SCALE 0

FIELD State

* ALIAS State

* DATA TYPE String

* WIDTH 255

* PRECISION 0

* SCALE 0

FIELD Status

* ALIAS Status

* DATA TYPE String

* WIDTH 255

* 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.

FIELD Total_Farms_per_County

* ALIAS Total_Farms_per_County

* DATA TYPE Integer

* WIDTH 4

* PRECISION 0

* SCALE 0

FIELD Population_Feeding_Digester

* ALIAS Population_Feeding_Digester

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

FIELD Biogas_Generation_Estimate_ft3_day

* ALIAS Biogas_Generation_Estimate_ft3_day
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0

FIELD Methane_Emission_Reductions_metric_tons_CO2E_yr
* ALIAS Methane_Emission_Reductions_metric_tons_CO2E_yr
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0

Metadata Details

* METADATA LANGUAGE English (UNITED STATES)
SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset
* LAST UPDATE 2016-09-20

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 2016-09-14 13:59:46
LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-09-20 14:26:12
AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2016-09-20 14:26:12