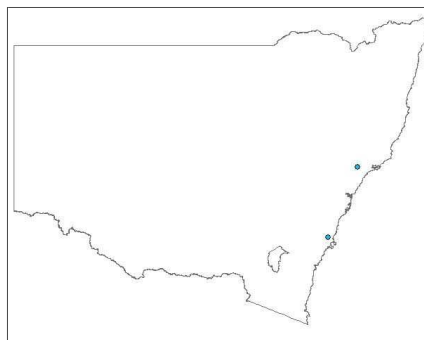


Biofuel facility

File Geodatabase Feature Class



Tags

Biofuels, infrastructure, renewable energy, bioethanol, biodiesel

Summary

This feature class shows the location of and contains information about operational biofuel generation facilities in New South Wales.

Description

This product is a compilation of the best available data for biofuels facilities in NSW. It shows the location of and contains information about operational biofuel generation facilities in New South Wales. Attributes include the location, name and owner of facility, type of renewable energy, source of renewable energy, installed capacity (in megalitres), and year the facility was commissioned. Data was compiled from Biofuels Association of Australia and the Manildra Group. The aim of the biofuels infrastructure dataset is to identify and describe generators and infrastructure in NSW which use bioenergy to produce liquid fuels at a commercial scale. It is part of the Renewable Energy Infrastructure database which contains information about all commercial and industrial renewable energy facilities in NSW.

The Geological Survey of New South Wales developed the Renewable Energy Infrastructure database in 2016 for the Renewable Energy Mapping Project, as part of the NSW Renewable Energy Action Plan.

Credits

Barry, C.M.
Nelson, M.D.
Gammridge, L.

Use limitations

Please refer to the 'Resource Constraints' section for limitations of use.

Extent

West 150.615204 **East** 151.513751
North -32.715094 **South** -34.855663

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 structure, utilitiesCommunication

* CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

THEME KEYWORDS RENEWABLES-Bioenergy

[Hide Topics and Keywords ▲](#)

Citation ▶

TITLE Biofuel facility

CREATION DATE 2016-05-01 00:00:00

PUBLICATION DATE 2016-07-25 00:00:00

REVISION DATE 2018-11-30 00:00:00

EDITION 1.3

EDITION DATE 2018-11-30

PRESENTATION FORMATS * digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

OTHER CITATION DETAILS

It is recommended that this dataset be referred to as:

Wade S.L., Barry C.M., Nelson M.D. & Gammridge L. (compilers) 2018. Renewable energy map of New South Wales, Version 1.3 (Digital Dataset). Geological Survey of New South Wales, Maitland.

Please note that raw data has been collated from various sources (see lineage statement).

[Hide Citation ▲](#)

Citation Contacts ▶

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Director of Geoscience Information

ORGANIZATION'S NAME NSW Resources and Geoscience, Geological Survey of NSW

CONTACT'S ROLE publisher

CONTACT INFORMATION ▶

PHONE

VOICE 02 4063 6723

ADDRESS

TYPE physical

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CITY Maitland

ADMINISTRATIVE AREA NSW

POSTAL CODE 2320

COUNTRY AU

E-MAIL ADDRESS geoscience.info@geoscience.nsw.gov.au

ONLINE RESOURCE

LOCATION <http://www.resourcesandgeoscience.nsw.gov.au>
NAME NSW Resources and Geoscience website
DESCRIPTION The website of the NSW Department of Planning & Environment, Division of Resources and Geoscience
FUNCTION PERFORMED information

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES * English (AUSTRALIA)
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS completed
SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.4.0.5524

CREDITS

Barry, C.M.
Nelson, M.D.
Gammridge, L.

ARCGIS ITEM PROPERTIES

* NAME Bioenergy_Biofuel_facilities
* SIZE 0.000
* LOCATION file:///\\Maitlfp11
\group\Geosurvey\GeoInfo\GeoSpatial\Products\Mapping\State\NSW Renewables\2019
\Online data\RenewablesData.gdb
* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
* WEST LONGITUDE 150.615204
* EAST LONGITUDE 151.513751
* NORTH LATITUDE -32.715094
* SOUTH LATITUDE -34.855663
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 150.615204
* EAST LONGITUDE 151.513751
* SOUTH LATITUDE -34.855663
* NORTH LATITUDE -32.715094
* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Director of Geoscience Information

ORGANIZATION'S NAME NSW Resources and Geoscience, Geological Survey of NSW
CONTACT'S ROLE publisher

CONTACT INFORMATION ►

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LOCATION <http://www.resourcesandgeoscience.nsw.gov.au>

NAME NSW Resources and Geoscience website

DESCRIPTION The website of the NSW Department of Planning & Environment, Division of Resources and Geoscience

FUNCTION PERFORMED information

Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY unknown

SCOPE OF THE UPDATES dataset

Hide Resource Maintenance ▲

Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

THE FOLLOWING LIMITATION APPLIES TO THE DERIVATIVE WORKS AND PLATFORM OF DELIVERY:

<http://www.planning.nsw.gov.au/Copyright-and-Disclaimer>

CONSTRAINTS

LIMITATIONS OF USE

Please refer to the 'Resource Constraints' section for limitations of use.

Hide Resource Constraints ▲

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

* TYPE Geographic

* GEOGRAPHIC COORDINATE REFERENCE GCS_GDA_1994

* COORDINATE REFERENCE DETAILS

GEOGRAPHIC COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 4283

X ORIGIN -400
Y ORIGIN -400
XY SCALE 999999999.99999988
Z ORIGIN -100000
Z SCALE 10000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 8.9831528411952133e-009
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true
LEFT LONGITUDE -180
LATEST WELL-KNOWN IDENTIFIER 4283
WELL-KNOWN TEXT GEOGCS["GCS_GDA_1994",DATUM["D_GDA_1994",SPHEROID
["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT
["Degree",0.0174532925199433],AUTHORITY["EPSG",4283]]

REFERENCE SYSTEM IDENTIFIER

* VALUE 4283
* CODESPACE EPSG
* VERSION 8.3.4(3.0.1)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME Bioenergy_Biofuel_facilities
* OBJECT TYPE point
* OBJECT COUNT 2

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME Bioenergy_Biofuel_facilities
* FEATURE TYPE Simple
* GEOMETRY TYPE Point
* HAS TOPOLOGY FALSE
* FEATURE COUNT 2
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Data Quality ►

SCOPE OF QUALITY INFORMATION ►

RESOURCE LEVEL dataset

[Hide Scope of quality information ▲](#)

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ►

MEASURE NAME GSNSW testing and editing

CONFORMANCE TEST RESULTS

TEST PASSED Yes

RESULT EXPLANATION

Data has been sourced from several external sources. The authors have endeavoured to ensure the accuracy of the information and spatial location of facilities.

[Hide Data quality report - Absolute external positional accuracy ▲](#)

DATA QUALITY REPORT - COMPLETENESS OMISSION ►

MEASURE NAME GSNSW testing and editing

CONFORMANCE TEST RESULTS

TEST PASSED Yes

RESULT EXPLANATION

The biofuels infrastructure database is complete as at 30/11/2018 using best available data. It contains publicly available information on biofuels generators.

[Hide Data quality report - Completeness omission ▲](#)

[Hide Data Quality ▲](#)

Lineage ►

LINEAGE STATEMENT

A single, internally consistent database of biofuel generators was compiled from the following sources:

1. Biofuels Association of Australia (biofuelsassociation.com.au/)
2. Manildra Group (manildra.com.au/our-projects/)

Data authors also used Google Earth and private company or third party websites to verify the location of facilities and ensure the best available and most up-to-date data was used.

Note: This dataset has been reviewed as part of the NSW Renewable Energy Mapping Project update (version 1.3, November 2018), with no updates required.

[Hide Lineage ▲](#)

Geoprocessing history ▼

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME Director of Geoscience Information

ORGANIZATION'S NAME NSW Resources and Geoscience, Geological Survey of NSW

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

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DELIVERY POINT 516 High Street
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ADMINISTRATIVE AREA NSW
POSTAL CODE 2320
COUNTRY AU
E-MAIL ADDRESS geoscience.info@geoscience.nsw.gov.au

ONLINE RESOURCE

LOCATION <http://www.resourcesandgeoscience.nsw.gov.au>
NAME NSW Resources and Geoscience website
DESCRIPTION The website of the NSW Department of Planning & Environment,
Division of Resources and Geoscience
FUNCTION PERFORMED information

[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

* NAME File Geodatabase Feature Class
VERSION 10.3.1

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [Bioenergy_Biofuel_facilities ►](#)

* TYPE Feature Class
* ROW COUNT 2

DEFINITION

Biofuels infrastructure points

DEFINITION SOURCE

Charlotte Barry

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.

[Hide Field OBJECTID ▲](#)

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.

Hide Field Shape ▲

FIELD Type ►

- * ALIAS Type
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0
- FIELD DESCRIPTION
Describes the type of renewable energy used to produce electricity.

- DESCRIPTION SOURCE
GSNSW

Hide Field Type ▲

FIELD Name ►

- * ALIAS Name
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0
- FIELD DESCRIPTION
Name of the renewable energy generator facility.

- DESCRIPTION SOURCE
GSNSW

Hide Field Name ▲

FIELD Owner ►

- * ALIAS Owner
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0
- FIELD DESCRIPTION
Current owner of the renewable energy generator facility.

- DESCRIPTION SOURCE
GSNSW

Hide Field Owner ▲

FIELD Fuel_Type ►

- * ALIAS Fuel type
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Describes the source of renewable energy (e.g. starch, used cooking oil to produce biofuels).

DESCRIPTION SOURCE

GSNSW

Hide Field Fuel_Type ▲

FIELD Commissioned ►

- * ALIAS Commissioned
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The year in which the renewable energy generator first became operational.

DESCRIPTION SOURCE

GSNSW

Hide Field Commissioned ▲

FIELD Status ►

- * ALIAS Status
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Describes the operational status of the renewable energy generator (e.g. operational, under construction).

DESCRIPTION SOURCE

GSNSW

Hide Field Status ▲

FIELD Primary_Reference ►

- * ALIAS Primary reference
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Main source of data/information.

DESCRIPTION SOURCE

GSNSW

Hide Field Primary_Reference ▲

FIELD Modified_By ►

- * ALIAS Modified by
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Name of departmental officer who last updated the information.

DESCRIPTION SOURCE

GSNSW

[Hide Field Modified_By ▲](#)

FIELD Modified_Date ►

- * ALIAS Modified date
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The date of when the information was last updated.

DESCRIPTION SOURCE

GSNSW

[Hide Field Modified_Date ▲](#)

FIELD Comments ►

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

FIELD DESCRIPTION

Additional information.

DESCRIPTION SOURCE

GSNSW

[Hide Field Comments ▲](#)

FIELD Megalitre_Capacity ►

- * ALIAS Megalitre capacity
- * DATA TYPE SmallInteger
- * WIDTH 2
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Numerical value of the installed capacity of the biofuel generator in megalitres (ML).

DESCRIPTION SOURCE

GSNSW

[Hide Field Megalitre_Capacity ▲](#)

[Hide Details for object Bioenergy_Biofuel_facilities ▲](#)

[Hide Fields ▲](#)

References ►

PORTRAYAL CATALOGUE CITATION ►

TITLE Biofuel facility
PUBLICATION DATE 2016-07-25 00:00:00
REVISION DATE 2018-11-30 00:00:00
CREATION DATE 2016-05-01 00:00:00

EDITION 1.3
EDITION DATE 2018-11-30

PRESENTATION FORMATS digital map
FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

OTHER CITATION DETAILS

It is recommended that this dataset be referred to as:

Wade S.L., Barry C.M., Nelson M.D. & Gammridge L. (compilers) 2018. Renewable energy map of New South Wales, Version 1.3 (Digital Dataset). Geological Survey of New South Wales, Maitland.

Please note that raw data has been collated from various sources (see lineage statement).

[Hide Portrayal catalogue citation ▲](#)

[Hide References ▲](#)

Metadata Details ►

* METADATA LANGUAGE English (AUSTRALIA)
* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER 925C2F59-DB58-4167-84D1-BDFF75CD5915

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset
SCOPE NAME * dataset

* LAST UPDATE 2019-02-11

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
METADATA STYLE ANZLIC
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2016-05-05 16:24:57
LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-02-11 15:23:20

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2019-02-11 15:23:20

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Director of Geoscience Information
ORGANIZATION'S NAME NSW Resources and Geoscience, Geological Survey of NSW
CONTACT'S ROLE publisher

CONTACT INFORMATION ►

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POSTAL CODE 2320

COUNTRY AU

E-MAIL ADDRESS geoscience.info@geoscience.nsw.gov.au

ONLINE RESOURCE

LOCATION <http://www.resourcesandgeoscience.nsw.gov.au>

NAME NSW Resources and Geoscience website

DESCRIPTION The website of the NSW Department of Planning & Environment, Division of Resources and Geoscience

FUNCTION PERFORMED information

Hide Contact information ▲

Hide Metadata Contacts ▲

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY unknown

Hide Metadata Maintenance ▲

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

Hide Thumbnail and Enclosures ▲

FGDC Metadata (read-only) ▼