

# Hydrokinetic Project



## Tags

Federal Energy Regulatory Commission, FERC, HydroKinetic, Preliminary Permit, Licensed

## Summary

Hydrokinetic Projects with Licenses and Preliminary Permits

## Description

Federal Energy Regulatory Commission List of Licensed Marine and Hydrokinetic Projects and Active Hydrokinetic Projects Preliminary Permits obtained from <https://www.ferc.gov/industries/hydropower/gen-info/licensing/hydrokinetics.asp> on 12/19/16.

## Credits

Federal Energy Regulatory Commission

## Use limitations

There are no access and use limitations for this item.

## Extent

**West** -82.483649 **East** -66.988078  
**North** 44.920150 **South** 27.470001

## 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 Hydrokinetic Project  
PRESENTATION FORMATS \* digital map

### Citation Contacts

RESPONSIBLE PARTY  
ORGANIZATION'S NAME Federal Energy Regulatory Commission (FERC)  
CONTACT'S ROLE originator

### 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  
Federal Energy Regulatory Commission  
ARCGIS ITEM PROPERTIES  
\* NAME ferc\_hydrokinetic\_site

### Extents

EXTENT  
GEOGRAPHIC EXTENT  
BOUNDING RECTANGLE  
EXTENT TYPE Extent used for searching  
\* WEST LONGITUDE -82.483649  
\* EAST LONGITUDE -66.988078

\* NORTH LATITUDE 44.920150  
\* SOUTH LATITUDE 27.470001  
\* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE -9182037.805500  
\* EAST LONGITUDE -7457078.783900  
\* SOUTH LATITUDE 3182315.902600  
\* NORTH LATITUDE 5608959.464100  
\* EXTENT CONTAINS THE RESOURCE Yes

## 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 -22041545.367140558

Y ORIGIN -33272760.666300893

XY SCALE 135368852.55357128

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 ferc\_hydrokinetic\_site

\* OBJECT TYPE point

\* OBJECT COUNT 6

ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME ferc\_hydrokinetic\_site

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Point

\* HAS TOPOLOGY FALSE

\* FEATURE COUNT 6

\* SPATIAL INDEX TRUE

\* LINEAR REFERENCING FALSE

## Distribution

DISTRIBUTION FORMAT

\* NAME File Geodatabase Feature Class

## Fields

DETAILS FOR OBJECT ferc\_hydrokinetic\_site

\* TYPE Feature Class

\* ROW COUNT 6

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 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 projectName

\* ALIAS Project Name

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Project Name

\* DESCRIPTION SOURCE

FERC

#### FIELD docketNumber

\* ALIAS Docket Number

\* DATA TYPE String

\* WIDTH 10

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Project Number

\* DESCRIPTION SOURCE

FERC

#### FIELD status

\* ALIAS Status

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Project Status

\* DESCRIPTION SOURCE

FERC

#### FIELD expirationDate

\* ALIAS Expiration Date

\* DATA TYPE String

\* WIDTH 10

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Expiration Date

\* DESCRIPTION SOURCE

FERC

#### FIELD issueDate

\* ALIAS Issue Date

\* DATA TYPE Date

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Issue Date

\* DESCRIPTION SOURCE

FERC

#### FIELD capacity

ALIAS Capacity  
\* DATA TYPE String  
\* WIDTH 10  
\* PRECISION 0  
\* SCALE 0  
FIELD DESCRIPTION  
Authorized Capacity (KW))  
DESCRIPTION SOURCE  
FERC

FIELD licensee  
\* ALIAS Licensee  
\* DATA TYPE String  
\* WIDTH 50  
\* PRECISION 0  
\* SCALE 0  
FIELD DESCRIPTION  
Licensee  
DESCRIPTION SOURCE  
FERC

FIELD waterway  
\* ALIAS Waterway  
\* DATA TYPE String  
\* WIDTH 50  
\* PRECISION 0  
\* SCALE 0  
FIELD DESCRIPTION  
Waterway  
DESCRIPTION SOURCE  
FERC

FIELD state  
\* ALIAS State  
\* DATA TYPE String  
\* WIDTH 10  
\* PRECISION 0  
\* SCALE 0  
FIELD DESCRIPTION  
State  
DESCRIPTION SOURCE  
FERC

FIELD energyType  
\* ALIAS Energy Type  
\* DATA TYPE String  
\* WIDTH 10  
\* PRECISION 0  
\* SCALE 0  
FIELD DESCRIPTION  
Energy Type  
DESCRIPTION SOURCE  
FERC

## Metadata Details

\* METADATA LANGUAGE English (UNITED STATES)  
SCOPE OF THE DATA DESCRIBED BY THE METADATA \* dataset  
SCOPE NAME \* dataset  
\* LAST UPDATE 2016-12-19  
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 2016-12-19 12:10:29  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-12-19 13:48:43  
AUTOMATIC UPDATES  
HAVE BEEN PERFORMED Yes  
LAST UPDATE 2016-12-19 13:45:54