FERC Pumped Storage Issued Preliminary Permit



Tags
FERC, Pumped storage, Issued Permit, Preliminary

Summary
Issued Preliminary Permits for Pumped Storage Projects

Description
Issued preliminary permits for pumped storage projects by the Federal Energy Regulatory Commission. Preliminary permits are issued for up to three years, and do not authorize construction; rather, it maintains priority of application for a license (i.e., guaranteed first-to-file status) while the permittee studies the site and prepares to apply for a license. The permittee must submit periodic reports on the status of its studies. It is not necessary to obtain a permit in order to apply for or receive a license.

Credits
Federal Energy Regulatory Commission (FERC), Argonne National Laboratory (ANL)

Use limitations
There are no access and use limitations for this item.

ArcGIS Metadata

Topics and Keywords

THEMES OR CATEGORIES OF THE RESOURCE environment, location

* CONTENT TYPE Downloadable Data

Citation

* TITLE ferc_pump_storage_site_issued_permit

PRESENTATION FORMATS * digital map

Citation Contacts

RESPONSIBLE PARTY
INDIVIDUAL'S NAME Kevin Hlava
ORGANIZATION'S NAME Argonne National Laboratory CONTACT'S POSITION GIS Assistant/Specialist
CONTACT'S ROLE point of contact

CONTACT INFORMATION

PHONE
VOICE 1-630-252-0060

ADDRESS
TYPE both
DELIVERY POINT 9700 South Cass Avenue, EVS/Bldg 240
CITY Argonne
ADMINISTRATIVE
AREA IL POSTAL
CODE 60439
COUNTRY USA
E-MAIL ADDRESS khlava@anl.gov

Resource Details

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

SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; ESRI ArcGIS 10.0.4.4000

CREDITS
Federal Energy Regulatory Commission (FERC), Argonne National Laboratory (ANL)

ARCGIS ITEM PROPERTIES
* NAME ferc_pump_storage_site_issued_permit
* LOCATION
* ACCESS PROTOCOL Local Area Network

Extents

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -111.754200
* EAST LONGITUDE -69.688300
* NORTH LATITUDE 47.453200
* SOUTH LATITUDE 34.585700
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE -
12440420.638000
* EAST LONGITUDE -
7757666.070200
* SOUTH LATITUDE 4107720.993400
* NORTH LATITUDE 6016364.144600
* EXTENT CONTAINS THE RESOURCE Yes

Resource Points of Contact

POINT OF CONTACT
INDIVIDUAL'S NAME Kevin Hlava
ORGANIZATION'S NAME Argonne
National Laboratory CONTACT'S
POSITION GIS Assistant/Specialist
CONTACT'S ROLE point of contact

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Resource Maintenance

RESOURCE MAINTENANCE
UPDATE FREQUENCY as needed

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 3857
X ORIGIN -20037700
Y ORIGIN -30241100
XY SCALE 10000
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
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 102039
* CODESPACE
EPSG
* VERSION
7.4.1

Spatial Data Properties

VECTOR

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS
FEATURE CLASS NAME ferc_pump_storage_site_issued_permit
* OBJECT TYPE point
* OBJECT COUNT 28

ARCGIS FEATURE CLASS
PROPERTIES

* FEATURE TYPE Simple
* GEOMETRY TYPE Point
* HAS TOPOLOGY FALSE
* FEATURE COUNT 28
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

Distribution

DISTRIBUTOR
CONTACT INFORMATION
ORGANIZATION'S NAME Argonne National Laboratory
CONTACT'S ROLE point of contact

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TYPE both
DELIVERY POINT 9700 South Cass Avenue, EVS/Bldg 240
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COUNTRY USA

DISTRIBUTION
FORMAT
* NAME File Geodatabase Feature Class

Fields

DETAILS FOR OBJECT ferc_pump_storage_site_issued_permit
* TYPE Feature
Class
* ROW COUNT
28

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 NUMBER_

* ALIAS NUMBER_
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Number

FIELD PROJECT_NUMBER
* ALIAS PROJECT_NUMBER
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Project Number

FIELD PROJECT_NAME
* ALIAS PROJECT_NAME
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Project Name

FIELD PERMITTEE
* ALIAS PERMITTEE
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Permittee Name

FIELD TOTAL_INSTALLED_CAPACITY_MW
* ALIAS TOTAL_INSTALLED_CAPACITY_MW
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Total Installed Capacity (MW)

FIELD LATITUDE
* ALIAS LATITUDE
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Latitude

FIELD LONGITUDE

* ALIAS LONGITUDE
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Longitude

FIELD STATE
* ALIAS STATE
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
State Abbreviation

FIELD COUNTY
* ALIAS COUNTY
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
County Name

FIELD RIVER_CREEK
* ALIAS RIVER_CREEK
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Name of waterbody the project effects.

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)
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset
SCOPE NAME * dataset
* LAST UPDATE 2012-05-23

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
METADATA STYLE FGDC CSDGM Metadata
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS 2011-12-27 16:01:51
LAST MODIFIED IN ARCGIS 2012-05-23 95:65:30

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2012-05-23
09:47:04

Metadata Contacts

METADATA CONTACT
INDIVIDUAL'S NAME Kevin Hlava
ORGANIZATION'S NAME Argonne
National Laboratory CONTACT'S
POSITION GIS Assistant/Specialist
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Thumbnail and Enclosures

THUMBNAIL
THUMBNAIL TYPE JPG