

Transmission Lines

ISO-19139 Metadata

Metadata Information

Metadata language: eng
Metadata character set: utf8
Last update: 2020-02-05
Metadata contact:

Scope of the data described by the metadata: dataset
Scope name: dataset
Name of the metadata standard used: ISO 19139 Geographic Information - Metadata - Implementation Specification
Version of the metadata standard: 2007

Data Identification Information

Resource citation:

Title: Transmission Lines
Date:

Presentation format: mapDigital

Descriptive keywords:

Keyword type not provided

Keywords: Downloadable Data
Keyword thesaurus:

Citation reference: 723f6998-058e-11dc-8314-0800200c9a66

Descriptive keywords:

Keyword type not provided

Keywords: homeland security, homeland defense, emergency response, electricity, kilovolts, transmission lines, energy infrastructure, power lines, transmission, voltage, owners

Abstract: This feature class/shapefile represents electric power transmission lines. Transmission Lines are the system of structures, wires, insulators and associated hardware that carry electric energy from one point to another in an electric power system. Lines are operated at relatively high voltages varying from 69 kV up to 765 kV, and are capable of transmitting large quantities of electricity over long distances. Underground transmission lines are included where sources were available. The following updates have been made since the previous release: 8,653 features added, geographic coverage expanded to include Guam, Northern Mariana Islands, and Virgin Islands.

Purpose: This feature class/shapefile is for the Homeland Infrastructure Foundation Level Database (HIFLD) (<https://gii.dhs.gov/HIFLD>) as well as the Energy modelling...
Dataset language:eng
Dataset character set: utf8
Resource constraints:

General constraints:

Limitations of use: None (Public Use). Users are advised to read the data set's metadata thoroughly to understand appropriate use and data limitations.

Spatial representation type: vector
Processing environment: Esri ArcGIS 12.4.2.19948
Credits: Oak Ridge National Laboratory (ORNL), Los Alamos National Laboratory (LANL), Idaho National Laboratory (INL), National Geospatial-Intelligence Agency (NGA) Homeland Security Infrastructure Program (HSIP) Team

Spatial Representation

Vector Data

Level of topology for this dataset: geometryOnly
Geometric objects:

Object type: composite

Reference System Information

Reference system identifier:

Value: 3857
Code space: EPSG
Version: 8.8(9.3.1.2)

Distribution Information

Distribution format:

Format name: File Geodatabase Feature Class
Format version: