ENERGY

This lifeline component includes power grid and fuel processing infrastructure.

Biodiesel Plants

This point feature class/shapefile contains locational and other attribute information for Biodiesel Plants located within the United States and parts of Canada. Biodiesel Plants are those plants which manufacture diesel fuel from vegetable oils, animal fats, or recycled greases.

Data Source Organization: Oak Ridge National Laboratory
Data Source Link: https://hifld-geoplatform.opendata.arcgis.com/datasets/geoplatform::biodiesel-plants/about
Last Updated: 4/30/18

Electric Substations

This feature class/shapefile represents electric power substations primarily associated with electric power transmission. In this layer, substations are considered facilities and equipment that switch, transform, or regulate electric power at voltages equal to, or greater than, 69 kilovolts.

Data Source Organization: Oak Ridge National Laboratory
Data Source Link: https://hifld-geoplatform.opendata.arcgis.com/datasets/geoplatform::electric-substations-3/about
Last Updated: 1/21/22

Ethanol Transloading Facilities

Ethanol Transloading Facilities are those facilities where the transfer of Ethanol from one transport mode to another occurs.

Data Source Organization: Oak Ridge National Laboratory
Data Source Link: https://hifld-geoplatform.opendata.arcgis.com/datasets/geoplatform::ethanol-transloading-facilities/about
Last Updated: 7/31/19

EPA ERS Power Plants

This feature class represents power plants. Power plants are all the land and land rights, structures and improvements, boiler or reactor vessel equipment, engines and engine-driven generators, turbo generator units, accessory electric equipment, and miscellaneous power plant equipment are grouped together for each individual facility. Included are the following plant types: hydroelectric dams, fossil fuel (coal, natural gas, or oil), nuclear, solar, wind, geothermal, and biomass.

Data Source Organization: US Department of Homeland Security, Homeland Infrastructure Foundation-Level Data (HIFLD)
Data Source Link: https://hifld-geoplatform.opendata.arcgis.com/datasets/geoplatform::environmental-protection-agency-epa-facility-registry-service-frs-power-plants/about
Last Updated: 3/20/20

Natural Gas Compressor Stations

This feature class/shapefile represents Natural Gas Compressor Stations. Natural Gas Compressor Stations support the transportation flow of natural gas in pipelines from one location to another by maintaining pressure in the pipeline to provide energy to move the natural gas.

Data Source Organization: Oak Ridge National Laboratory
Data Source Link: https://hifld-geoplatform.opendata.arcgis.com/datasets/geoplatform::natural-gas-compressor-stations/about
Last Updated: 10/6/20

Power Plants

This feature class/shapefile represents electric power plants. Power plants are all the land and land rights, structures and improvements, boiler or reactor vessel equipment, engines and engine-driven generators, turbo generator units, accessory electric equipment, and miscellaneous power plant equipment are grouped together for each individual facility. Included are the following plant types: hydroelectric dams, fossil fuel (coal, natural gas, or oil), nuclear, solar, wind, geothermal, and biomass.

Data Source Organization: Oak Ridge National Laboratory
Data Source Link: https://hifld-geoplatform.opendata.arcgis.com/maps/geoplatform::power-plants/about
Last Updated: 12/14/21