**Energy Transition Atlas Layers**

Created: November 2, 2022

Updated: December 16,2022

Contacts:

Maneesh Sharma[Maneesh.Sharma@netl.doe.gov](mailto:Maneesh.Sharma@netl.doe.gov)

Daniel Amrine [Daniel.Amrine@netl.doe.gov](mailto:Daniel.Amrine@netl.doe.gov)

List of Layers in Atlas with Summary:

|  |  |
| --- | --- |
| **Alias** | **Name in GeoDatabase** |
| US State\_Boundary | State\_Boundaries\_2020\_Census |
| Manufacturing\_Facility\_with\_CENSUS TRACT\_Filtered | Manufacturing\_Facility\_Census\_Tract\_Filtered\_21nov22 |
| Manufacturing\_Facility\_with\_CENSUS TRACT | Manufacturing\_Facility\_Census\_Tract\_11nov22 |
| Manufacturing\_Facility\_By\_COUNTY\_Count | County\_Manufacturing\_Facility\_Count\_11nov22 |
| Maunfacturing\_Facility\_By\_ZIPCODE\_Count | ZCTA\_Munfacturing\_Facility\_Count\_11nov22 |
| Manufacturing\_Facility\_By\_CENSUS TRACT\_Count | Manufacturing\_Facility\_By\_CENSUS TRACT\_Count |
| 2019 Fossil Energy Jobs-Metro\_NonMetroAreas | May2021\_MSA\_NonMSA\_OEWS\_2019\_Join\_10262022 |
| 2021 Fossil Energy Jobs-Metro\_NonMetroAreas | May2021\_MSA\_NonMSA\_OEWS\_2021\_Join\_10262022 |
|  |  |

**Layer Summary**:

US State\_Boundary: Polygon Layer representing the State Level division of the United States of America

Manufacturing\_Facility\_with\_CENSUS TRACT\_Filtered: This layer is to be added to the National Energy Technology Laboratory's Energy and Social Justice Atlas. Added Census Tract fields: globalid, NAMELSAD, aland, and awater to the HIFLD Manufacturing Center Point Layers using ESRI Tool Spatial Join. This specific layer is filtered to a set group of NAICS codes related to fossil energy jobs.

Manufacturing\_Facility\_with\_CENSUS TRACT: This layer is to be added to the National Energy Technology Laboratory's Energy and Social Justice Atlas. Added Census Tract fields: globalid, NAMELSAD, aland, and awater to the HIFLD Manufacturing Center Point Layers using ESRI Tool Spatial Join.

Manufacturing\_Facility\_By\_COUNTY\_Count: This layer is to be added to the National Energy Technology Laboratory's Energy and Social Justice Atlas. It is a count of the Total Manufacturing Facilities within each County

Maunfacturing\_Facility\_By\_ZIPCODE\_Count: This layer is to be added to the National Energy Technology Laboratory's Energy and Social Justice Atlas. It is a count of the Total Manufacturing Facilities within each ZCTA (Zip) Polygon

Manufacturing\_Facility\_By\_CENSUS TRACT\_Count: This layer is to be added to the National Energy Technology Laboratory's Energy and Social Justice Atlas. It is a count of the Total Manufacturing Facilities within each Census Tract.

2019 Fossil Energy Jobs-Metro\_NonMetroAreas: Metropolitan statistical area feature class containing May 2019 occupational employment data directly related to fossil energy generation. This feature class has been generated for analysis of energy related jobs and Energy Transition Atlas

2021 Fossil Energy Jobs-Metro\_NonMetroAreas: Metropolitan statistical area feature class containing May 2021 occupational employment data directly related to fossil energy generation. This feature class has been generated for analysis of energy related jobs and Energy Transition Atlas