

Displaced Energy Worker Dependent Scholarship

Identifying School Districts for Outreach

Datasets used

1. School Districts Shapefiles: Secondary and Unified School District shapefiles from 2024 were used. Source : [School Districts – Census.gov](#)
2. Mine Closures Dataset
3. Generator Closures Dataset: From EIA Form 860M

Procedure

1. Filtered the generator closure dataset to include only closures after 2016, with fossil fuels as the primary energy source.
2. Further filtered the dataset to include only the following sectors: IPP Non-CHP, IPP CHP, and Electric Utility.
3. Excluded generators with a nameplate capacity of less than 50 MW.
4. Split the generator dataset into two subsets:
5. Generators located in Chicago-region counties
6. Generators located in the rest of the state
7. Created a 30-minute drive-time buffer around the closed mines and closed generators using the Generate Drive-Time Trade Areas geoprocessing tool in ArcGIS.
8. Identified school districts whose boundaries intersect or touch the created buffers.