

## **Industrial Geospatial Analysis Tool for Energy Evaluation- IGATE-E**

### **Disclosure Number**

201303062

### **Technology Summary**

The invention relates to energy consumption data and more specifically to a software tool for reviewing energy consumption data. The data input to the tool can be as little as a zip code or an SIC code of an industrial plant but the data output is numerous and can include information such as electric energy intensity (MWH/\$) per industry type and per zip code at the state and nationwide levels. Development of the IGATE-E tool consisted of collecting and querying multiple datasets for industrial related information, data filtering, statistical modeling, computations, and validating the results against published DOE's data. The tool performs multi-layer analysis and provides geospatial representations of different manufacturing sectors across the U.S.

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