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# Renewable Energy GIS Data

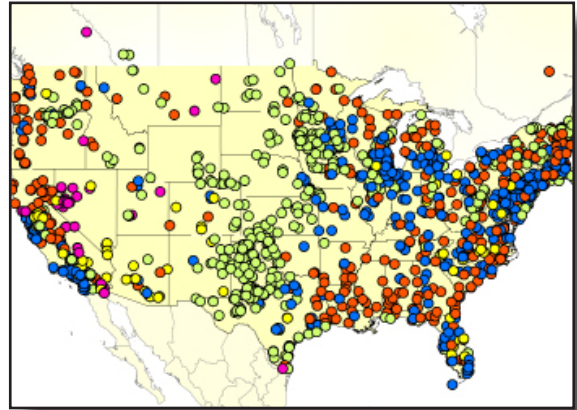
## Power Generation

Power generation has grown by nearly 50% in the last decade, but power companies are not utilizing the opportunity to evaluate other forms of fuel sources. With MAPSearch GIS data covering renewable energy generation and transmission, your company can be on the front line of tapping into these exciting new fuel sources.

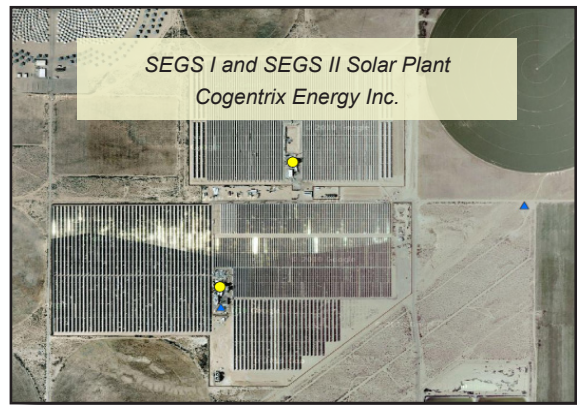
Our MAPSearch team has completely organized and spatially adjusted our electric power infrastructure to include precise locations of Renewable Energy sources, as well as the most accurate attribute data. MAPSearch has utilized the latest satellite and aerial sub meter imagery to most accurately place our renewable generation and transmission to assist the need of utilizing new forms of power generation.

## Transmission

The location of renewable energy plants is just the beginning, while the location of transmission lines causes renewable energy to become a reality. MAPSearch data gives clients the most precise locations of how this power can be transported. Our data's precision of transmission lines is unmatched in the industry; our renewable energy bundle is vital to any company taking advantage of renewable energy.



Our Renewable Energy GIS database contains thousands of renewable power generation facilities, transmission lines, and bio-fuel facilities.



All our data has been spatially located and serve a wide variety of mapping and analytical uses.

A dedicated support desk and available quarterly updates keep **you** productive.





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## VERSION 1.0

Get the **MOST** advanced renewable energy GIS data available.

PennWell MAPSearch is proud to announce the release of Version 1.0 Renewable Energy Infrastructure Dataset. MAPSearch has completely rebuilt our previous North American Power GIS data to bring you the most spatially accurate and up-to-date information available. Subsequent releases will include more robust attribute information across all of North America.

- Use this information for planning, comparative analysis, project feasibility analysis and risk evaluation.
- Examine the geographic relationships among the various data components to identify new opportunities.
- Incorporate additional layers and proprietary information to increase analytical value.
- Create powerful visual presentations for project reporting.



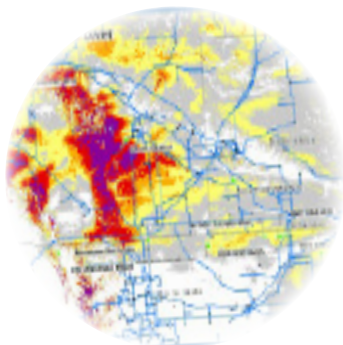
### PRIMARY PACKAGE

- GENERATION PLANTS WITH RENEWABLE FUEL SOURCES  
**Biomass, Geothermal, Hydro, Solar, Waste and Wind!**  
 Plant name, owner/operator, number of units, name plate capacity, year installed and more.
- XMISSION (Transmission Lines)  
 Miles of transmission lines in North America; includes voltage, line type, status, owner/operator, spatial accuracy metacode, transmission lines. (down to the 33kV level)
- SUBS (Substations)  
 Thousands of substations; includes substation name, state, AC or DC, status, owner/operator name, spatial accuracy metacode.

### ADDITIONAL LAYERS

- REA (Rural Electric Areas)  
 Polygons representing REA owner/operators, including number of Consumers, REA Name, Address.
- IOU (Investor Owned Utilities)  
 IOU polygons representing IOU operating companies, includes name, number of customers, headquarters location.
- MUNI (Municipalities)  
 Polygons representing municipalities, includes name, company address, contact phone, MWH delivered, MWH sales, number of customers.
- NERC (NERC Regions)  
 Includes: Region name, industry abbreviation, physical address, contact phone, sub regions, listing name and industry abbreviation, extensive base and culture layers.

Choose the license that best fits **your** needs



	LICENSE by state	LICENSE by region or North America
Renewable Power Plants	X	X
Bio Fuel Facilities	X	X
Transmission Lines	X	X
Substations	X	X
Base Data Layers	X	X
Supplemental Data Layers		X
Quarterly Updates		X
Projection	WGS 84	User's Choice
Delivery	Shapefile	Shapefile or Geodatabase
Pricing	Starting at \$1,000	Starting at \$5,000