

OFFSHORE WIND AND UNDERWATER CABLES

Offshore wind farms must be connected to the onshore electricity grid by underwater cables.

Some issues considered in underwater cable placement include:

Right of Way Impacts

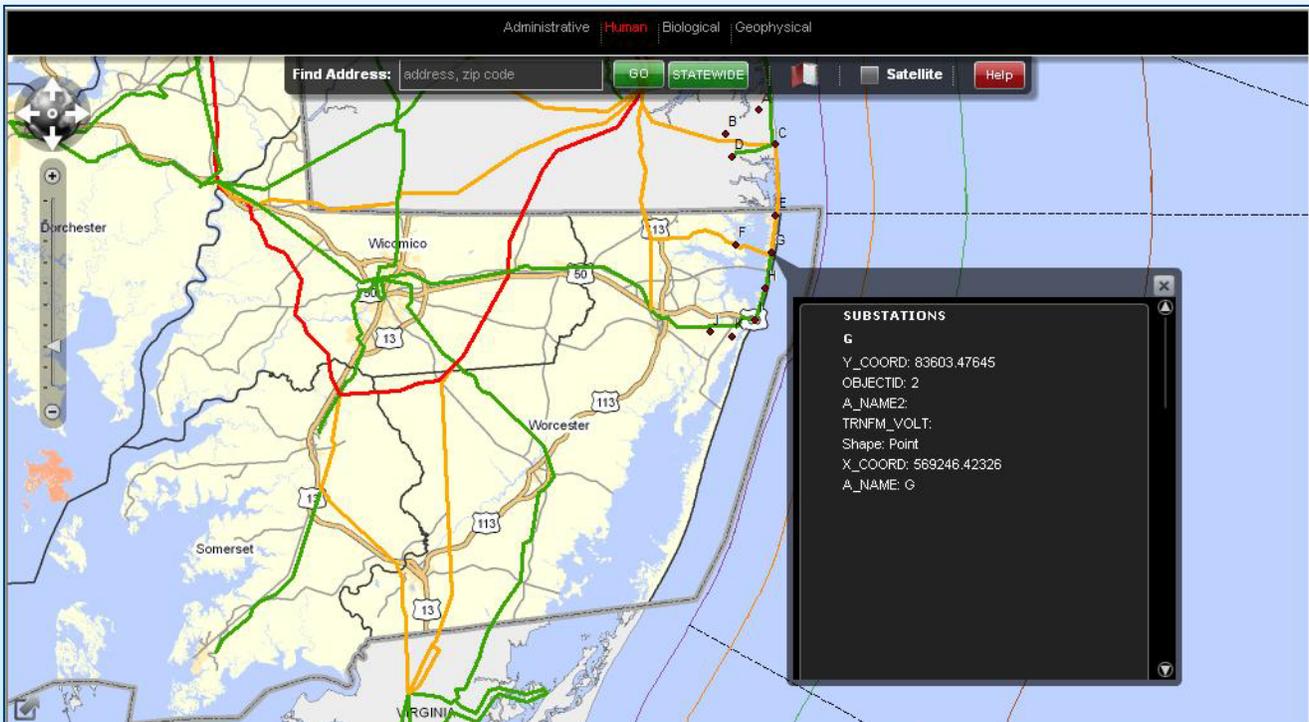
- Usage restrictions
- Maintenance and marking of navigation channels
- Clearing of passage
- Archeological or historical sites

Electricity Issues

- Stray or induced currents
- Electrical safety

Environmental Effects

- Impacts on wildlife habitats
- Impacts on threatened or endangered species
- Location with respect to existing lines or facilities
- Impacts to fishing



Coastal Atlas screen capture illustrating power transmission lines and substations on the Delmarva Peninsula