

**UNITED STATES DEPARTMENT OF THE INTERIOR**  
**Bureau of Ocean Energy Management**  
**Office of Renewable Energy Programs**

**Preferred Data Submission Schema for Offshore Wind Facilities Geospatial Data**

**September 2022**

Explanation

BOEM has developed a [geospatial information system \(GIS\) layer schema](#) for submissions of GIS data for the proposed and/or installed infrastructure layers for offshore wind facilities. A Microsoft Excel spreadsheet is provided with overall instructions and specific attribute information. A blank ESRI file geodatabase is also provided and includes the pre-formatted attribute columns for each layer type. The following layers will need to follow this schema when submitted initially and at any subsequent submission where there is a change in any of the files listed:

Data to be submitted should include the following layers if available at this time:

- Wind Turbine Locations
- Wind Turbine Cable Array
- Substation(s)
- Export Cable Line(s)
- Export Cable Corridor
- Onshore Landing Site(s)
- Project Build Area(s)
- Points of Interconnection with existing grid
- Data Collection Facility Location(s)

What's new (September 2022):

1. New attributes for Export Cable Routes and Export Cable Corridor now include "maximum burial depth range for both layers, and "maximum number of cables" within the Export Cable Corridor layer.
2. Due to issues with the initial submission, we have expanded the "Phase Number", "Option Number" and "Configuration Number" fields in all layers that contain those fields to accommodate 10 characters.

Data Layers should be submitted to the BOEM Project Coordinator for your project and to [BOEMRenData@boem.gov](mailto:BOEMRenData@boem.gov)

If one or more of the data layers shown above cannot be provided, please provide a short description of why it is not currently available.

Contact your project coordinator if you have any questions pertaining to this data submission request.