



# Oregon

Kate Brown, Governor



550 Capitol St. NE  
Salem, OR 97301  
Phone: 503-378-4040  
Toll Free: 1-800-221-8035  
FAX: 503-373-7806  
[www.oregon.gov/energy](http://www.oregon.gov/energy)

**To:** Energy Facility Siting Council

**From:** Wally Adams, Operations and Policy Analyst

**Date:** 6/10/2022

**Subject:** Agenda Item F (Information Item): Oregon Renewable Energy Siting Assessment (ORESAs) – Demo of Mapping and Reporting Tool, for the June 23-24, 2022 EFSC Meeting.

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## BACKGROUND

The Oregon Renewable Energy Siting Assessment (ORESAs) project was funded through a \$1.1 million U.S. Department of Defense (DOD) Office of Local Defense Community Cooperation (OLDCC) grant awarded to the Oregon Department of Energy, working with the Department of Land Conservation & Development and Oregon State University's Institute for Natural Resources. The project collected data, stakeholder perspectives, and siting process information through a series of assessments, which were used in the development of an online mapping and reporting tool.

The OLDCC's goals in supporting this grant were to support military compatibility through early coordination with local, regional, and state agencies and raise awareness about the military. The ORESAs project's goals were to create relevant educational tools to support discussion among stakeholders, agencies, tribes, local governments, and policy makers about renewable energy development, military training and operational areas, economic and community benefits, land use considerations, natural resources, and other regulatory requirements. These educational tools include an online mapping and reporting tool and a final report, which users can use to inform discussions related to renewable energy practice and policy.

In June 2021, Council received an update regarding the overall ORESAs project. At the end of that presentation, it was suggested that the ORESAs team provide a demo of the ORESAs Mapping and Reporting Tool when it was ready. Demonstrating that tool is the purpose of this agenda item.

## ORESAs MAPPING AND REPORTING TOOL DEMO

The mapping and reporting tool is the capstone deliverable for the ORESAs project. It is housed on Oregon Explorer and includes data on renewable energy, military uses, economic

development, land use considerations, natural resource areas, and other regulatory and process considerations.

The tool has 3 sections:

- 1) *Explore Data* – For browsing, downloading, and interacting with map layers.
- 2) *Get a Report* - Allows the user to define project boundaries, examine land use considerations and obtain contact information for an area of interest.
- 3) *Learn* – Contains a trove of information about renewable energy siting procedures, incentives, and processes for military consideration.

The Council meeting demo will focus on the “Explore” function, which allows users to freely interact with and browse the spatial data assembled through the process described above. Metadata is provided for every layer, and the option to download data is provided for all layers that do not have restricted access. The map viewer also allows users to create formatted printable PDF maps, add external map services to the viewer, upload local data, filter and query data layers, add markup and text to the map, measure areas and distances, view attributes of data layers, dynamically re-symbolize data, and generate a URL which saves the layers and extent the user configured in the viewer.

The tool also allows a user to upload their own shapefiles for a project. We will take advantage of this feature during the demo by uploading shapefiles for a new EFSC project and then reviewing a few relevant data layers to see potential resource conflicts.

The mapping and reporting tool can be found here:

[https://tools.oregonexplorer.info/OE\\_HtmlViewer/Index.html?viewer=renewable](https://tools.oregonexplorer.info/OE_HtmlViewer/Index.html?viewer=renewable)

As of this writing, the tool is still in the beta test phase; however, it is scheduled to be officially launched prior to the Council meeting.