PacWave South Project

April 2020

On May 31, 2019, Oregon State University (OSU) filed an application with the Federal Energy Regulatory Commission (FERC) for a license to construct and operate a wave energy test facility for the proposed up to 20-megawatt (MW) PacWave South Hydrokinetic Project (PacWave South Project or project). The project would consist of both marine (offshore) and terrestrial (onshore) components. Project facilities would be located on the Outer Continental Shelf (OCS) in the Pacific Ocean, approximately 6 nautical miles off the coast of Newport, Oregon, and in Oregon territorial waters. The project would occupy an area of approximately 2.65 square miles (1,695 acres) on the OCS, administered through a lease (Figure 1-1) by the Bureau of Ocean Energy Management (BOEM) within the U.S. Department of the Interior. The project, funded in part by the Department of Energy (DOE), would generate an average of about 70,000 to 175,000 megawatt-hours of energy annually.

This portfolio includes the following documents:

Federal Energy Regulatory Commission Final Environmental Assessment

DOE Finding of No Significant Impact (FONSI)

BOEM Finding of No Significant Impact (FONSI)

Endangered Species Act Concurrence Letter

Informational Websites

- Information about the project from the Pacific Northwest National Laboratory's TETHYS database can be viewed at https://tethys.pnnl.gov/project-sites/pacwave-south-test-site.
- Information about the project from the Department of Energy (DOE) is available at https://www.energy.gov/eere/water/pacwave.
- Information about the project from BOEM is available at https://www.boem.gov/pacwave-south-project.