The Port of Seattle (Port) has completed an environmental analysis, including review of pertinent and available environmental information and preparation of a State Environmental Policy Act (SEPA) Checklist for the Pier 66 Shore Power Project.

**Name of New Proposal:** Pier 66 Shore Power Project

**Background:** The Pier 66 Shore Power Project is part of the Port’s long-term planning goals for carbon and air emissions reduction, including the Port’s Century Agenda, introduced in 2012, which outlines sustainability goals and objectives intended to guide Port investments and operations for the next 25 years; and, the 2020 Northwest Ports Clean Air Strategy which includes an objective to install shore power at all major cruise berths by 2030.

The project will accomplish these goals by providing stand-alone shore power for cruise vessels moored at P66, allowing equipped ships to connect to 93 percent clean electricity from Seattle City Light rather than relying on fossil fuel sources. As a result, shore power can nearly eliminate emissions from ships at berth while connected. Once fully operational, the shore power connection at P66 is estimated to reduce annual emissions: 54 metric tons of oxides of Nitrogen (NOx), 1 metric ton of diesel particulate matter (DMP), and 2,700 metric tons of greenhouse gas (CO2).

The project will also help the region as a leading tourism destination and a significant economic driver contributing 5,500 jobs and $893.6 million a year in local business revenue. Shore power at P66 provides an additional amenity for cruise ships that makes Seattle a more appealing and sustainable homeport and provides the opportunity for advancement of shared Port and Industry environmental objectives.

**Description of Proposal:** The Pier 66 Shore Power Project (Project) is located in Elliott Bay on the Seattle waterfront. The Port of Seattle (Port) is proposing to provide shore power (i.e., cold ironing) to serve shore power capable cruise vessels at the Pier 66/Bell Street Cruise Terminal (P66) by installing a shore power system at P66. The shore power system will include a submarine cable connecting the P66 facility to a new power feeder extension at the north end of Terminal 46 (T-46), which connects to Seattle City Light’s (SCL) electrical power grid. Project components include:
• Installing upland electric cables, ductbanks, meter and switchgear infrastructure and vaults to connect the submarine cable to an existing SCL electrical power vault at T-46
• Installing upland electrical cables, ductbanks, and vault to an existing SCL vault north of S. King Street and continue to the north terminal property line. The Port will perform this work contingent on execution of a mutually satisfactory service agreement with SCL.
• Upland grading to install the cables and electric utility infrastructure at T-46
• Installing an approximately 6,110-foot-long, 26 kilovolt (kV) submarine cable from the north end of T-46 to the south end of the P66 pier structure
• Installing protective submarine cable features including a rigid conduit at the T-46 slope and articulated mats across the T-46 and P66 berth areas
• Installing electric utility infrastructure and shore power equipment/system on the P66 pier and routing the cable under the pier to two cruise vessel shore power connection or plug-in locations

Providing shore power at P66 allows shore power capable cruise vessels to plug into the local electrical grid and turn off their auxiliary diesel engines while at berth, resulting in an overall reduction in air pollutant and greenhouse gas emissions. As one of the most thoroughly demonstrated and robust methods for reducing at-berth emissions from cruise ships, shore power is a key strategy to meet the Port’s Century Agenda goal of being the greenest and most energy-efficient port in North America and advance the region as leading tourism destination and business gateway.

**Location of Proposal:** Project components are located at Pier 66 (P66) and Terminal 46 (T-46), and within the aquatic area of Elliott Bay. A site map, below, shows the location of the project, including the P66 and T46 components and the in-water routing of the submarine cable.

T-46 is located at 401 Alaskan Way South, King County tax parcel number 766620-7695. Latitude 47.597455 N./Longitude -122.340299 W., NE Section 6 of Township 24N, Range 4W.

P66 is located at 2000 2225 Alaskan Way, King County tax parcel numbers 766620-2342, 766620-2327, and 312504HYDR. Latitude 47.609716 N./Longitude -122.347599 W., NW Section 31 of Township 25N, Range 4W.
**Determination:** The Port has determined the proposed *Pier 66 Shore Power Project* will not have probable significant adverse impacts on the environment. As such, an environmental impact statement (EIS) is not required under the provisions of the Washington State Environmental Policy Act (RCW 43.21, WAC 197-11) and Port of Seattle SEPA Policies and Procedures (Port Commission Resolution 3650). This decision was made after review of a completed Environmental Checklist, available online at [https://www.portseattle.org/environment/sepa-nepa](https://www.portseattle.org/environment/sepa-nepa).

This determination is based on the following findings and conclusions:

- The completed environmental checklist for the *Pier 66 Shore Power Project* did not identify potential significant adverse effects on the environment, including environmentally sensitive areas or areas designated for governmental protection.
- The *Pier 66 Shore Power Project* is intended to result in reduced emissions from cruise vessels at P66, enabling shore power enabled ships to connect to shore power, using clean electricity rather than relying on fossil fuel power sources. This project is expected to generate an environmental benefit by reducing annual maritime emissions.

**Supporting Information:** Information used to reach this determination is available upon request. The 2021 Final Determination of Non-significance (POS SEPA File No. 2021-05), Environmental Checklist, and supporting documents are available online at [https://www.portseattle.org/environment/sepa-nepa](https://www.portseattle.org/environment/sepa-nepa).

**Public and Agency Comment:** The Port issued a draft DNS on June 4, and accepted public and agency comments until 4:00 PM on June 18, 2021. The Port received no comments on or before June 18; therefore, the Port formally adopts this Determination of Non-Significance. Please refer any questions relating to this determination or to the proposed actions to Danielle Butsick, Maritime Environment and Sustainability Department, P.O. Box 1209 Seattle, Washington 98111. Telephone 206-549-2945. Email the Port of Seattle SEPA address at SEPA@portseattle.org.

**SEPA Responsible Official:** Jon Sloan, Sr. Manager Environmental Programs, Maritime Environment and Sustainability

*Jon Sloan* __Jun 30, 2021__

**Signature:** Jon Sloan (Jun 30, 2021 08:47 PDT) __Date ______________