



2021 CRUISE SHIP SHORE POWER FACTS

The Port of Seattle is on its way to becoming the greenest port in North America, with a goal to phase out seaport-related emissions by 2050 starting now.

2021 SHORE POWER HIGHLIGHTS

- 93% of Seattle City Light's energy used for shore power comes from renewable sources like hydroelectricity, wind and biogas. In comparison, the U.S. National average uses only 11% renewable energy
- 100% of ships at Pier 91 from Carnival Cruise Line, Holland America Line and Princess Cruises are equipped with shore power
- 100% of ships at Pier 66 from Norwegian Cruise Line are equipped with shore power
- At Pier 91, the average shore power connected call avoids the emissions equivalent of an average car driving from Seattle to New York 30 times
- The 2020 Northwest Ports Clean Air Strategy sets a bold, new vision to phase out emissions from seaport related activities, including cruise vessels, by 2050 and an objective to install shore power at all major cruise and container berths by 2030
- The Port is on track to deliver a new shore power connection at Pier 66 by 2023. This year, 42% of calls at Pier 66 are equipped with shore power. Once complete, shore power at Pier 66 could help avoid an estimated 1,000 metric tons of CO₂ if all homeport ships connect
- About 25% of a cruise ships' total emissions in Puget Sound can be avoided by plugging into shore power at berth

2021 CRUISE SEASON PREVIEW

- 80+ cruise ship calls
- 54% of all calls equipped to use shore power
- 2/3 of Port of Seattle's cruise berths offer shore power with shore power expected at Pier 66 in 2023
- 60% of all calls at the Smith Cove Cruise Terminal at Pier 91 are equipped with shore power and expected to connect



Current and Future Shore Power Installations in Seattle

Current Shorepower ⚡

Shorepower Under Construction ⚡

Planned/Future Opportunities ⚡

  Port Properties



CENTURY AGENDA GREENHOUSE GAS REDUCTION TARGETS:

- Port Controlled: 50% reduction by 2030, carbon neutral or negative by 2050 (from 2005)
- Port Influenced: 50% reduction by 2030, 80% by 2050 (from 2007)

2020 NORTHWEST PORTS CLEAN AIR STRATEGY COMMITMENTS:

- **VISION:** phase out emissions from seaport-related activities by 2050, supporting cleaner air for our local communities and fulfilling our responsibility to help limit global temperature rise to 1.5 degrees Celsius.
- **OBJECTIVES:** By 2030, install shore power at all major cruise and container berths

CRUISE IS A KEY REGIONAL INDUSTRY



Seattle's cruise industry is a major economic driver for the region, providing:

- Over 5,500 jobs
- Over \$900 million into the region's economy each season
- Each homeport ship call contributing an average \$4.2 million to the state's economy
- The average cruise party of 3.4 people spends \$660 in Seattle during their cruise visit, boosting local businesses