



# Clean air investments

---

## Position

Support funding for NWSA air quality projects to improve the long-term sustainability and competitiveness of alliance facilities.

## Background

The NWSA plans to spend \$340 million modernizing Seattle's Terminal 5 to make it "big ship ready" to grow cargo volumes and maritime jobs in Puget Sound. As part of the improvements to T-5, the NWSA would like to introduce shore power to reduce air emissions. This would allow vessels at berth to shut their engines off and plug into the local electrical grid for their energy needs.

## How does the state benefit?

Shore power at T-5 would have meaningful public health and environmental benefits, reducing air emissions beyond what is required by law. The NWSA projects shore power at T-5 would reduce carbon emissions by 1,666 tons per year and NO<sub>x</sub> emissions by 66 tons per year. The state would also see reduced diesel particulate matter emissions.

Recognizing these benefits, Gov. Inslee recommended "funding to support vessels & shore side infrastructure for electric operations" in his Washington Maritime Blue initiative.

Shore power, however, is not essential to the operation of the terminal and is not required by

law. It is expensive and often does not "pencil out" for the terminal operators without outside capital.

## How can the state help?

### Capital budget allocation

**The NWSA is seeking a capital budget allocation of \$4.4 million for shore power investments at T-5.**

This money would be used for the on-dock charging station into which ships would plug.

### Municipal utility investments

Shore power and improved electrification of T-5 will require upgrades to the local municipal power supply. The NWSA estimates this will cost \$5.6 million.

While utilities may invest in conservation projects to reduce energy use, they do not have authority to invest in electrification projects that would reduce pollution.

**The NWSA supports legislation (HB 1512 & SB 5336) that would provide authority for utilities to offer programs to assist their customers in acquiring transportation electrification equipment.**