

Industrial Emissions & Energy Shifts in Oregon & Washington

Electricity demand in the Pacific Northwest is expected to **double by 2046** and industrial facilities are exploring electric systems as a way to meet future energy needs more efficiently.

Pacific Northwest Industry: Emissions Impact & Climate Commitments

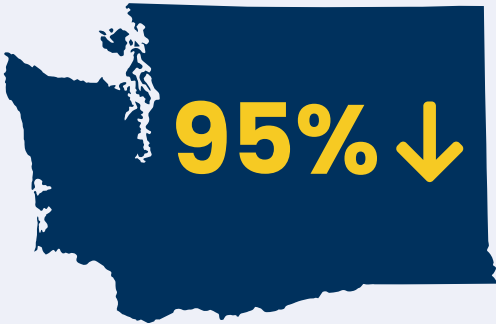


Industrial Energy Consumption & Emissions in Oregon

- Industry accounted for **23.4% of Oregon's 2023** energy consumption
- Industry accounts for **20% of Oregon's greenhouse gas (GHG)** emissions
- Targeting a **95% reduction** below 1990 levels by 2050

Industrial Energy Consumption & Emissions in Washington

- Industry accounted for **23.4% of Washington's 2023** energy consumption
- Industry **makes up 16%** of Washington's GHG emissions
- Targeting a **95% reduction by 2050**

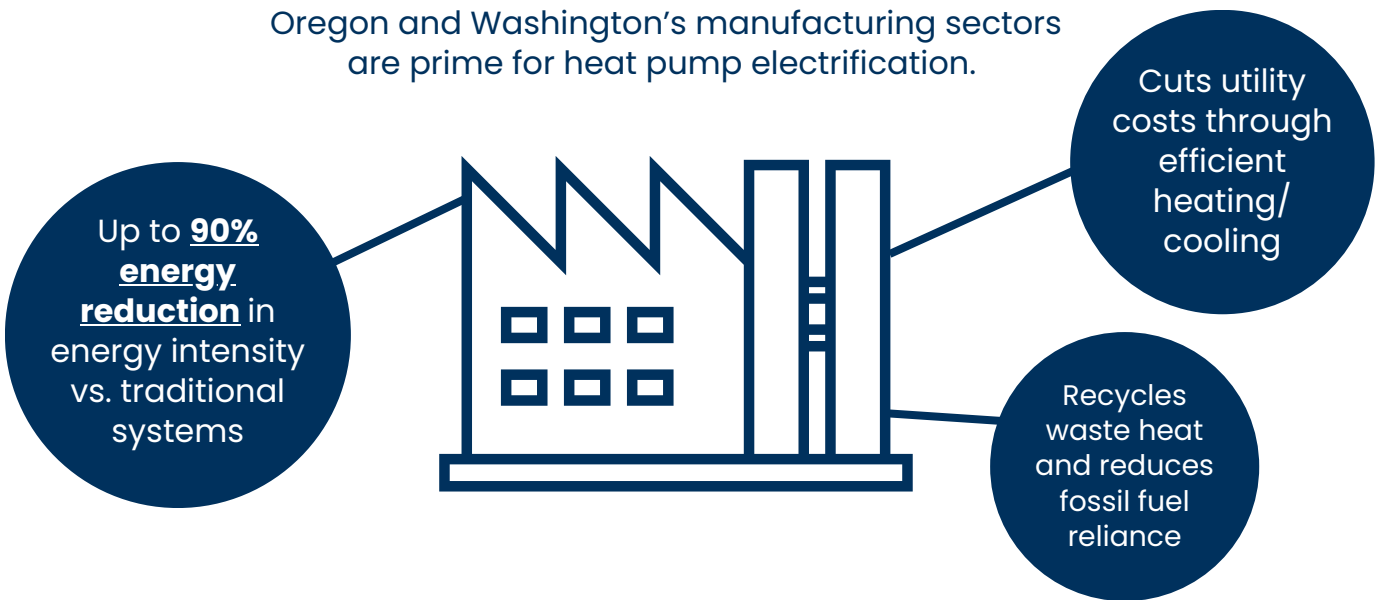


Emerging Electrification Trends

As Oregon and Washington pursue ambitious emissions reduction goals, industrial sectors are exploring new technologies to reduce their carbon footprint and improve energy efficiency.

Industrial Heat Pumps (IHPs)

Oregon and Washington's manufacturing sectors are prime for heat pump electrification.



Thermal Batteries

Thermal battery storage provides on-demand solutions to increased energy loads.

