Sustainability Fact Sheet

Oregon

AWS is building a more sustainable business in Oregon, partnering with local communities, and investing in the region's future

Our sustainability work includes enhancing energy efficiency, transitioning to carbon-free energy, reducing embodied carbon, using water responsibly, driving a circular economy, and enabling sustainability for customers.

At AWS, we focus on efficiency across all aspects of our infrastructure. We use industry-standard metrics to measure efficiency and seek the optimal balance of energy and water use.

For more information, visit the AWS Cloud Sustainability webpage.

Efficiencies of Scale

Our scale allows us to achieve higher resource utilization and energy efficiency than the typical on-premises data center. A study released by Accenture and AWS estimates running optimized workloads on AWS's infrastructure is up to **4.1 times more efficient than on-premises**.

For more information, visit the full report, "How moving to the AWS cloud reduces carbon emissions."

Key Sustainability Metrics

AWS US West (Oregon)	2023	2024	2025
Average PUE	1.13	1.12	1.12
Average WUE (L/kWh)	---	0.16	0.12

Power Usage Effectiveness (PUE) and Water Usage Effectiveness (WUE, in liters per kilowatt-hour) for data centers operated by AWS between January 1 and December 31 of each year

Water Stewardship

In 2025, AWS withdrew 241,545,884 gallons (914,350,635 liters) from Oregon. We are committed to being water positive by 2030, meaning we will return more water to communities than we use in our direct operations. As of the end of 2025, we were 75% of the way towards this goal globally. Local water projects include:

- **Increased Aquifer Storage in Hermiston:** Amazon is funding a city-owned aquifer storage and recovery project in Hermiston, Oregon, expected to replenish 99,989,102 gallons annually starting in 2026, storing treated Columbia River water underground during winter months to foster long-term water resilience while minimizing impacts on fish and agriculture.
- **Increasing Instream Flow in the Columbia River Basin:** Amazon collaborated with the National Fish and Wildlife Foundation and local stakeholders, including the Confederated Tribes of the Umatilla Indian Reservation, to lease water rights and leave more water instream on Birch Creek, replenishing 324,984,394 gallons annually starting in 2025 to benefit downstream communities and restore wildlife habitat.

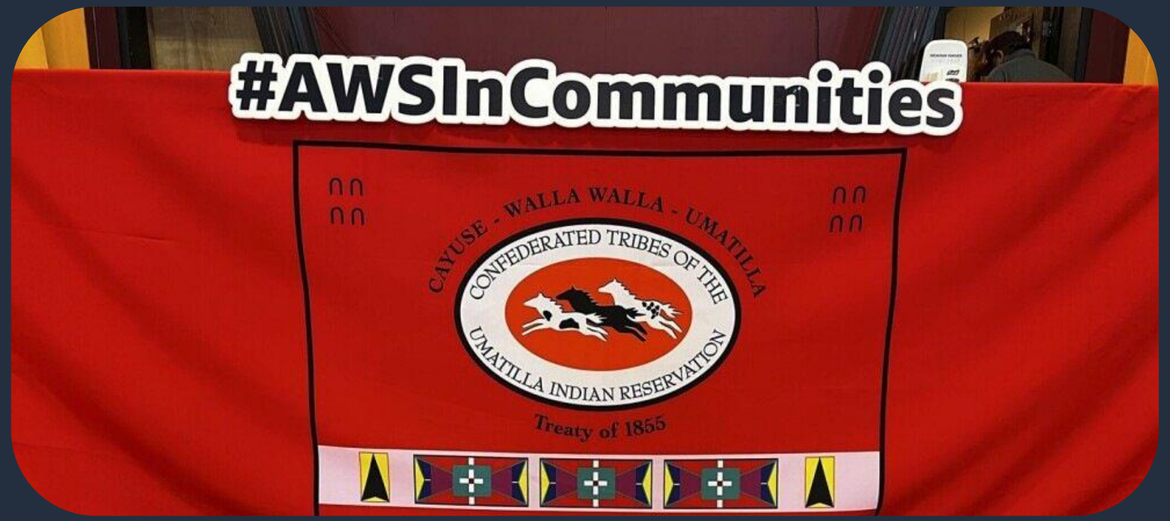
To learn more, see the Amazon water spotlight page.

Bringing Carbon-Free Energy to the Grid

Oregon's grid benefits from significant hydroelectric generation, providing a strong foundation of carbon-free energy. Amazon has two facilities featuring on-site solar power and a wind farm powering its operations across Oregon.

AWS partnered with Umatilla Electric Cooperative (UEC)—the electric cooperative that serves AWS in Umatilla and Morrow counties—to create an innovative solution that safely and reliably powers our data centers in the region.

Community Impact



Local Initiatives

AWS scholarships: For high school seniors in designated districts of Oregon where we have data center operations.

Workforce development: Since 2019, more than 425,000 U.S. employees have participated in free education and skills training programs. In Oregon, Amazon partners with seven educational institutions through its Career Choice program, which prepays 100% of tuition.

Indigenous communities & Think Big Spaces: In partnership with the Confederated Tribes of Umatilla Indian Reservation, we opened an educational lab for interactive learning in STEM, arts, and tribal community first foods.

Eastern Oregon: in 2024, Amazon contributed $1.2 million to nonprofit GRID Alternatives to fund community solar installations on rooftops of food banks, schools, and community buildings across Morrow and Umatilla counties. 10 nonprofit organizations and community facilities were selected to receive rooftop solar.

Investing in Oregon

$60+ billion invested in Oregon since 2010, including infrastructure and compensation to our employees

$54.8 billion invested in data center infrastructure in Eastern Oregon between 2012-2025

$15.4 billion estimated total gross domestic product (GDP) contributed to Eastern Oregon

14,000+ full- and part-time employees across the state

9,500 full-time estimated equivalent jobs supported* in the local economy as part of our investment in data center infrastructure in Eastern Oregon

Ratepayer Protection Pledge
Amazon signed the White House Ratepayer Protection Pledge (March 2025): committing to fully pay data center energy costs including new generation and grid upgrades, negotiating separate rate structures with utilities and state governments, and ensuring AI data center growth does not increase household electricity costs for American families.

*This study is conducted in part based on the IMPLAN methodology. Note the IMPLAN resource page that provides guidance on interpreting direct, indirect, and induced effects.