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The WEIM gains \$287 million in benefits during the second quarter

Adding more participants offers greater economic and environmental results

FOLSOM, Calif. – The Western Energy Imbalance Market (WEIM) entities achieved \$287.44 million in [2022 second-quarter benefits](#), again demonstrating the value the market offers in operational and environmental efficiencies.

The recent quarterly report also shows the WEIM's cumulative benefits rose to \$2.39 billion since the market was launched in 2014.

The WEIM has experienced robust growth, with 19 balancing authorities now participating in the market, further diversifying energy resources while improving transmission efficiencies and reducing greenhouse gas emissions for participants throughout the West. In May, the Bonneville Power Administration (BPA) and Tucson Electric Power (TEP) both joined the WEIM, adding to the valuable energy transfers across this west-wide footprint.

“We are so pleased to see that the WEIM continues to deliver such substantive benefits to all participants,” said Stacey Crowley, California Independent System Operator (ISO) vice president of External Affairs. “The ISO is working closely with our partners to leverage the incredible diversity and innovation in the West to create additional market options to reliably and cost effectively manage this complex energy system.”

Operated by the ISO, the WEIM is designed to enable participants to buy and sell power close to the time electricity is consumed. With state-of-the-art technology, the market finds and delivers lowest-cost resources to meet immediate power needs and manages congestion on transmission lines to maintain grid reliability. The WEIM also provides system operators real-time visibility across neighboring grids, resulting in a more efficient balancing of supply and demand.

During the second quarter of 2022, the economic benefits by participant includes:

	<i>(millions \$)</i>
Arizona Public Service	\$ 10.14
Avista	\$ 5.16
BANC	\$ 68.09

BPA	\$ 4.36
California ISO	\$ 71.75
Idaho Power	\$ 8.44
LADWP	\$ 13.78
NV Energy	\$ 8.63
NorthWestern Energy	\$ 5.90
PacifiCorp	\$ 35.21
Portland General Electric	\$ 11.92
PNM	\$ 3.10
Puget Sound Energy	\$ 4.90
Powerex	\$ 4.66
Seattle City Light	\$ 2.90
Salt River Project	\$ 21.26
Tacoma Power	\$ 1.55
Tucson Electric Power	\$ 2.84
Turlock Irrigation District	\$ 2.85
Total	\$287.44

Because entities are able to share variable resources across a larger footprint, the environmental benefits are notable. Since 2014, greenhouse gas emissions have been reduced by more than 760,000 metric tons, or the equivalent of taking more than 160,000 passenger cars off the road for one year.

Building on the success of the WEIM, the ISO is collaborating with utilities, independent power producers, regulators, environmental advocates and other stakeholders to develop an Extended Day-Ahead Market (EDAM). By optimizing diverse generation resources and transmission connectivity on a day-ahead basis across the WEIM's wide geographic footprint, market participants and consumers could realize even greater reliability and economic and environmental benefits.

The ISO will continue to actively collaborate with stakeholders across the West to finalize the EDAM design this year. Current plans call for implementation testing in 2023 and onboarding the first set of EDAM participants in early 2024. Visit the [ISO's EDAM initiative page](#) for up-to-date information on the schedule.

For information about the real-time energy market's participants, quarterly benefits, governance, initiatives and upcoming meetings, [visit the WEIM website](#).

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The California Independent System Operator (ISO) is a nonprofit public benefit corporation dedicated, with its partners, to continuous improvement and secure operation of a reliable grid operated for the benefit of consumers. It provides comprehensive grid planning, open and nondiscriminatory access to one of the largest networks of high-voltage transmission power lines in the world, and operates a \$9 billion competitive electricity market. Recognizing the importance of the global climate challenge, the ISO is at the forefront of integrating renewable power and advanced technologies that will help provide a sustainable energy future efficiently and cleanly.

The Western Energy Imbalance Market (WEIM) is a real-time wholesale energy trading market that enables participants anywhere in the West to buy and sell energy when needed. The WEIM Governing Body is the governing authority designed by regional stakeholders and has shared authority with the ISO Board of Governors to resolve rules specific to participation in the WEIM.