

WESTERN ENERGY IMBALANCE MARKET



News Release

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Western EIM realizes record \$301 million in third-quarter benefits

Summer temperatures generated strong results for the real-time market

FOLSOM, Calif. – The Western Energy Imbalance Market (EIM) achieved \$301 million in third-quarter benefits, bringing the cumulative benefits attained in the real-time energy market since its inception in late 2014 to \$1.72 billion.

The record-setting results for the [third quarter of 2021](#) are attributed to above normal temperatures that caused tight energy supplies for much of the West, and the addition of several new entities that joined the Western EIM earlier in the year.

“As we embark on the development of our Enhanced Day-Ahead Market (EDAM), these EIM results are another tangible example of the value of West-wide market coordination,” said California Independent System Operator (ISO) President and CEO Elliot Mainzer. “We look forward to working with our partners across the West to build on this foundation and create even greater economic and environmental value for the people we serve.”

The third-quarter results, which represent gross cost savings calculated from the optimization of market and grid efficiencies, exceeds the \$297 million in cumulative benefits for all of 2019, and nearly reaches the \$325 million in total benefits attained in 2020.

Since its launch, the Western EIM has deployed sophisticated technology to find and deliver the lowest-cost energy to its members, while enhancing reliability and providing significant environmental benefits through the reduction of renewable energy curtailments during periods of oversupply.

Reducing curtailments leads to lower greenhouse gas emissions because the renewable energy - rather than going unused - can be deployed by other market participants, and may displace power generated using fossil fuels.

The following table shows the 2021 third-quarter economic benefits for each participant:

	(Millions \$)
Arizona Public Service	\$ 24.58

BANC	\$ 72.52
California ISO	\$ 54.01
Idaho Power	\$ 17.76
LADWP	\$ 23.57
NV Energy	\$ 18.04
NorthWestern Energy	\$ 5.16
PacifiCorp	\$ 40.12
Portland General Electric	\$ 7.12
Powerex	\$ 0.92
PNM	\$ 6.77
Puget Sound Energy	\$ 6.78
Salt River Project	\$ 17.78
Seattle City Light	\$ 3.92
Turlock Irrigation District	\$ 2.13
Total	\$ 301.18

Because of the renewable energy transfers supported by the Western EIM, the avoided renewable energy curtailment for the quarter was 23,042 megawatt hours (MWh), resulting in 1,532,156 MWh of avoided renewable energy curtailment since 2014.

In addition to the economic results, the cumulative greenhouse gas emissions reduction from avoided renewable curtailment since 2014 is 655,683 metric tons, which is equivalent to removing 135,854 passenger cars from the road for one year.

Operated by the ISO, the Western EIM footprint includes portions of Arizona, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming, and extends to the border with Canada. By 2023, the active Western EIM participants are expected to represent more than 84% of the load within the Western Electricity Coordinating Council (WECC).

Visit the [Western EIM](#) website for more information about participants, the market, previous benefits reports, governance, the Governing Body meeting schedule and initiatives.

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