

WESTERN ENERGY IMBALANCE MARKET



News Release

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Western EIM benefits reach nearly \$740 million since its launch in 2014 BANC receives its first benefits since joining the real-time energy market

FOLSOM, Calif. – The California Independent System Operator (ISO) has released its Western Energy Imbalance Market (EIM) [second quarter 2019 report](#) showing the market generated \$86 million in gross benefits. The real-time energy market has produced \$736.26 million in total benefits since its launch in November 2014.

The Western EIM uses advanced technologies to automatically find and deliver the lowest cost energy to consumers across eight western states. By optimizing resources from a larger and more diverse pool, the Western EIM better facilitates the integration of renewable energy that may otherwise be curtailed at certain times of the day, providing an added environmental benefit.

The following table displays the second quarter benefits by participant. The Balancing Authority of Northern California (BANC), which began participation in April 2019, is included in the total calculation for the first time.

	<i>(millions \$)</i>
Arizona Public Service	\$8.55
BANC	\$8.81
California ISO	\$23.53
Idaho Power	\$8.33
NV Energy	\$4.62
PacifiCorp	\$15.15
Portland General Electric	\$10.89
Powerex	\$3.06
Puget Sound Energy	\$3.06
Total	\$86.0

The benefits report estimates the Western EIM reduced CO₂ levels by 56,897 metric tons by using surplus renewable energy that otherwise would have been curtailed.

Since 2015, the effective use of carbon-free generation from the market has resulted in a gross reduction of 403,546 metric tons of CO₂, which is the equivalent of removing the emissions of 84,844 passenger cars driven for one year.

Looking forward, the market continues to grow with benefits anticipated to increase as other participants enter the market. Those future participants include Arizona's Salt River Project and Seattle City Light in April 2020. Los Angeles Department of Water and Power, NorthWestern Energy, Turlock Irrigation District, and the Public Service Company of New Mexico are slated to begin participation in 2021. Tucson Electric Power in Arizona and Avista, which serves parts of Washington, Oregon, and Idaho, announced plans to participate in 2022.

Visit [Western EIM](#) for more information about the real-time energy market.

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The California ISO provides open and non-discriminatory access to one of the largest power grids in the world. The vast network of high-voltage transmission power lines is supported by a competitive energy market and comprehensive grid planning. Partnering with about a hundred clients, the nonprofit public benefit corporation is dedicated to the continual development and reliable operation of a modern grid that operates for the benefit of consumers. Recognizing the importance of the global climate challenge, the ISO is at the forefront of integrating renewable power and advanced technologies that will help meet a sustainable energy future efficiently and cleanly.	