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# WESTERN ENERGY IMBALANCE MARKET



## News Release

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### Western Energy Imbalance Market benefits surpass \$400 million

California ISO's real-time energy market posts record single-quarter benefits

FOLSOM, Calif. – The Western Energy Imbalance Market (EIM) posted its highest quarterly benefits to participants, topping a total of \$400 million since its launch, according to the California Independent Operator System (ISO) 2018 second-quarter report released today.

The report shows benefits of \$71.21 million to the eight market participants, including the newest members, Idaho Power and Powerex, both of which entered into EIM in April. The quarterly benefits brought the total gross benefits from the real-time western energy market to \$401.73 million since it began operation in 2014.

The gains mark the largest single-quarter numbers since EIM's launch. The previous quarterly record was in the first quarter of 2018 when the market showed benefits of \$42.08 million.

The second quarter of 2018 saw an uptick in energy moving out of California through the EIM, as the system experienced high levels of renewable production at a time in the season when temperatures are still cool and electric demand is moderate.

The following table shows the gross benefits by participant:

	Q2 2018 Total (in millions)
Arizona Public Service	\$8.59
California ISO	\$27.93
Idaho Power	\$7.75
NV Energy	\$5.34
PacifiCorp	\$11.67
Portland General Electric	\$5.34
Powerex	\$2.27
Puget Sound Energy	\$2.32
Total	\$71.21

Powerex and Idaho Power contributed diverse resources and took full advantage of the automated balancing capability of EIM. At the same time, the newest entries to the market brought more robust transmission transfer capabilities that leveraged efficiency across the entire EIM footprint.

Western EIM participants reduced carbon emissions in the region by 55,267 metric tons, absorbing 129,128 megawatt-hours of excess renewable energy that otherwise would have been curtailed. Since 2015, the EIM has decreased carbon emissions by 306,112 metric tons, roughly equivalent to avoiding emissions from 64,359 passenger cars driven for a year.

The Western EIM's state-of-art technology automatically finds and delivers the lowest cost energy to serve more than 42 million consumers in eight western states, and extending to the border with Canada. In addition to optimizing diverse resources from a larger pool for lower costs, the EIM favors carbon-free generation, an added environmental benefit.

The market is poised to grow, with the Balancing Authority of Northern California/Sacramento Municipal Utility District (BANC/SMUD) set to begin participating in April 2019. The Los Angeles Department of Water and Power, Salt River Project of Phoenix, and Seattle City Light will follow in April 2020.

Visit [WesternEIM.com](http://WesternEIM.com) to learn more about the market and read the full report.

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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.	