

WESTERN ENERGY IMBALANCE MARKET



California ISO

News Release

For immediate release | **October 18, 2017**

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Western EIM benefits remained strong during Q3 2017

FOLSOM, Calif. – The California Independent System Operator (ISO) released its third quarter report that shows the western Energy Imbalance Market (EIM) produced benefits of \$40.55 million for its five participating members. The benefits since the western regional market was launched in 2014 now total \$254.98 million.

Western EIM participants helped reduced carbon emissions in the region by 9,986 metric tons by using 23,331 megawatt-hours of excess renewable energy that otherwise would have been turned off.

“The western EIM continues its steady course of showing low cost energy while improving reliability for all its participants,” said ISO President and CEO Steve Berberich. “And just as important, the real-time market helps integrate renewables across a wider geographical area.”

During July, August and September, PacifiCorp realized benefits of \$10.31 million while the California ISO saved \$7.63 million and Arizona Public Services \$11.08 million. NV Energy saved \$8.55 million and Puget Sound Energy of Washington state realized \$2.98 million during the three month period.

Portland General Electric entered the EIM in October 2017, after the study period for this report. In April 2018, Idaho Power and Canada’s Powerex will also join the market. The Balancing Authority of Northern California/Sacramento Municipal Utility District, Seattle City Light and Los Angeles Department of Water and Power will begin participating in April 2019. Salt River Project of Phoenix is slated to enter the market in April 2020.

Besides releasing the Q3 report, the ISO also released a revised Q2 2017 report in which benefits increased by \$1.19 million based on June’s results.

The EIM’s state-of-art technology automatically optimizes the real-time grid to find low cost energy regardless of its location to serve consumers in California, Arizona, Oregon, Washington, Utah, Idaho, Wyoming and Nevada. Using carbon free resources also helps clean the air and meet EIM states’ environmental goals.

Another benefit comes from reducing the amount of energy flexibility reserves utilities must reduce their collective requirement as a result of the diversity of load and supply variability.

Click [here](#) to see more about the EIM 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.