



## News Release

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### **NV Energy enters the western Energy Imbalance Market** **ISO real-time market is now in seven states, saving millions of dollars for consumers**

FOLSOM, Calif. – The California Independent System Operator Corporation (ISO) and NV Energy announced the Nevada-based utility successfully began participating in the western Energy Imbalance Market (EIM) on December 1.

“We welcome NV Energy’s entry into the western EIM,” said Steve Berberich, ISO President and CEO. “The real-time energy market is already generating significant cost savings, and NV Energy’s participation is expected to add to those benefits while incorporating more clean energy into the grid.”

The EIM is projected to result in more customer savings by using the lowest-cost energy while optimizing the use of clean energy sources, like solar and wind, to meet changes in demand. In its first 12 months of operation, the real-time market produced more than \$33 million in cost savings for PacifiCorp, the first EIM participant, and the ISO. Those savings are projected to increase as more utilities join the EIM.

NV Energy President and CEO Paul Caudill said his company’s participation in the EIM aligns with NV Energy’s longstanding commitment to seek opportunities that provide greater value to customers and support renewable energy.

“I am very pleased with the hard work many of my colleagues at NV Energy have done in the past year,” said Caudill. “I am also confident this work will be good for Nevada, as all resulting cost benefits will flow directly to our customers.”

With the addition of NV Energy, the EIM expands into Nevada, where the utility serves 2.4 million customers. PacifiCorp’s EIM participation serves customers in California, Washington, Oregon, Idaho, Wyoming and Utah. The newly expanded marketplace enables the ISO and participants to incorporate thousands of megawatts of variable generating resources, such as wind and solar, into the power grid while reducing greenhouse emissions, and improving grid resiliency and reliability.

The ISO and NV Energy have prepared for the utility to join the market for nearly a year, including extensive testing of operations and interfacing in the last two months. The ISO’s state-of-the-art software analyzes western grid needs every five minutes and automatically finds the lowest cost generation to meet demand.

An independent [benefits study](#) found that by participating in EIM, NV Energy could save from \$6 million to \$10 million per year by 2017, and nearly \$12 million annually by 2022. Total additional benefits to other EIM participants range from \$9 million to \$18 million per year by 2017, and as much as \$29 million annually by 2022. A 2013 study by the [National Renewable Energy Laboratory](#) found that an EIM with participation of all western states could cut electricity production

costs by \$1.3 billion a year.

[Puget Sound Energy](#) of Washington state and [Arizona Public Service](#), based in Phoenix, Arizona, expect to begin participating in the EIM in October 2016. Portland General Electric is scheduled to begin participation in October 2017.

For more information on EIM, visit the ISO's EIM webpage [here](#).

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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.