

# VRB-ESS™ in the United States

## Rocky Mountain Power Saved Money and Reduced Carbon Emissions

*"We are very excited about Prudent Energy's growth in the United States. Our VRB project in Utah began as a peak shaving application, grew into a means of improving power quality to customers, and far exceeded our expectations in terms of system reliability. Now with next-generation VRB systems are being shipped, we hope to do more business in many US service territories."*

*Tim Hennessy, President*

**VRB Power System in Utah shifting peak load and achieving better power quality on a weak line**



PacifiCorp is one of the US West's leading utilities, serving approximately 1.7 million customers in six states covering 136,000 square miles.

PacifiCorp is committed to using renewable resources as a viable, economical, and environmentally prudent means of generating electricity. The company aims to conserve resources and engages in eco-friendly practices throughout its operations.

### Why VRB?

PacifiCorp actively seeks projects that are good for both the environment and business. The VRB system at Moab not only provided a positive return on investment; it also limited PacifiCorp's intrusion into sensitive environmental areas

- avoiding the construction of a new feeder line through a national park.

In the words of the Energy Policy Research Institute (EPRI), the VRB facility was nothing short of "incredible" - solving power quality problems with over 96% availability and daily cycling for over 1600 cycles at full discharge with no degradation whatsoever.



**Industry:**  
Power Utilities

**Established:**  
1984

**Headquarters:**  
Portland, Oregon

**Website:**  
[www.pacificorp.com](http://www.pacificorp.com)

**VRB Installation:**  
250 kW, 8 hour system in Moab, Utah

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## Prudent in Your Power System

Prudent's next generation of VRB™ energy storage products have improved through several years of experience and refinement at Moab, and are being delivered to new sites in the United States at even greater performance and lower cost.

To find out how Prudent's VRB-ESS™ can work in your energy storage application, please visit us at [www.pdenergy.com](http://www.pdenergy.com).