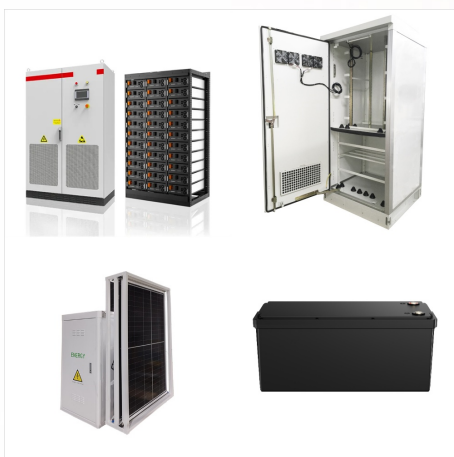




Primus Power is among a handful of makers currently commercialising their flow batteries, with rivals that include RedT, VIZn Energy and Redflow. Early customers have included Microsoft, which installed a Primus battery at its corporate HQ in a pilot project. Andy Colthorpe spoke with Primus Power CEO Tom Stepien to learn more.



HAYWARD, Calif., April 01, 2018 (GLOBE NEWSWIRE) ??? Primus Power ("Primus"), the leading long duration stationary energy storage company, announced today that Etechwin is operating an EnergyPod 2 at their Beijing campus. Etechwin is the microgrid subsidiary of Goldwind, a world-leading wind turbine manufacturer.



One among a small handful of redox flow-based energy storage system providers crossing the line from pilot phase into commercial deployment that includes the likes of VIZn, Redflow and RedT, Primus Power released its latest range of storage systems, EnergyPod 2, in February this year. The devices use zinc bromide battery chemistry generally targeting energy ???



ASTANA ??? Primus Power, a provider of long-life and long-duration energy storage systems, is working on its second project in Kazakhstan with Samruk Energy, a subsidiary of the Samruk Kazyna Sovereign Wealth Fund. Primus Power's innovative EnergyPod has been used to deal with specific energy issues internationally, and now will be showcased as one of the best ???



EnerVenue builds simple, safe, maintenance-free energy storage for the clean energy revolution ??? based on technology proven over decades in extreme conditions, now scaled for large renewable energy integration applications. Previously, Jorg led strategy, sales and operations for Primus Power, a disruptive long-duration energy storage provider.



Primus Power is among a handful of makers currently commercialising their flow batteries, with rivals that include RedT, VIZn Energy and Redflow. Early customers have included Microsoft, which installed a Primus battery at its corporate HQ in a pilot project. Andy Colthorpe spoke with Primus Power CEO Tom Stepien to learn more.



Sanmina Corp. and Primus Power announced a manufacturing agreement focused on the growing energy storage market.. Sanmina is a manufacturing solutions company making some of the world's most complex and innovative optical, electronic and mechanical products, including complex power systems and inverters.



Primus Power has developed a low-cost, distributed storage flow battery made of tanks filled with high energy density electrolytes that are pumped throughout the battery system. This flow battery can store renewable energy such as wind and solar power and then release that energy into the grid during peak load times.



Primus Power says it has begun producing its second generation flow battery with a five hour duration and a 20 year expected life span. Primus says its EnergyPod 2 delivers energy storage a total



Primus" stationary battery systems serve the energy storage needs of corporations and utilities. With a five-hour duration and lab-certified 20-year life, EnergyPod 2 delivers a total cost of



National Energy Technology Laboratory
ronald.staubly@netl.doe.gov Jonathan Hall,
Principal Investigator Large-scale, low-cost energy storage is Primus Power
jonathan.hall@primuspower Timeline Technology
Advancement The wind firming EnergyFarm will be used to integrate wind energy into the electric delivery system, displacing a ???



A busy couple of days for energy storage on both sides of the meter: WattJoule says it's figuring out how to finally solve the puzzle for reliable cost-competitive vanadium redox flow batteries, Primus Power lands more funding for its own flow batteries, and Green Charge Networks tallies up new customer installations, including many tied to solar energy systems.



Primus Power's mission is to make 100 percent renewable energy possible worldwide by delivering safe, low-cost, and long-life energy storage solutions. The core technology behind these solutions is Primus Power's EnergyPod, a groundbreaking long ???



The Primus Power EnergyPod 2 is a long-duration, low cost energy storage solution intended for large scale grid storage applications. The EnergyPod 2 is a flow battery that uses the chemical ???



Primus' stationary battery systems serve the energy storage needs of corporations and utilities. With a five-hour duration and lab-certified 20-year life, EnergyPod 2 delivers a total cost of



Primus" stationary battery systems are scalable from 25kW to 25MW and are intended to serve the energy storage needs of corporations and utilities. With a five-hour duration and lab-certified 20-year life, EnergyPod 2 delivers a total cost of ownership up to 50% less than leading conventional lithium-ion battery systems.



Primus Power, a leader in grid-scale energy-storage technology, announced today that it secured \$25 million in financing for its Series D funding round. I2BF Global Ventures led the round and the



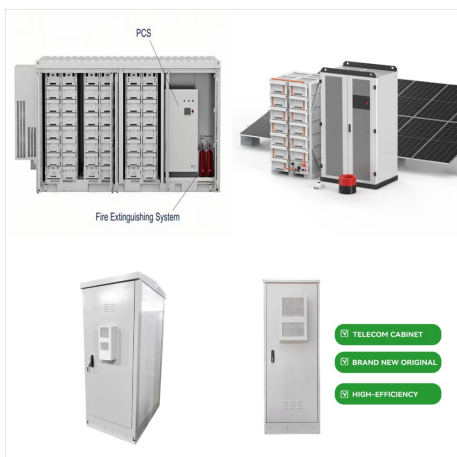
California-headquartered provider of low-cost, long-duration storage systems Primus Power has launched the EnergyPod 2, the second generation of its long-duration, fade-free flow battery. Primus is shipping systems to US and international utilities, including Puget Sound Energy in Washington State. With a five-hour duration and 20-year life, EnergyPod 2 delivers a total cost ???



These patented, liquid batteries provide flexible capacity from 25kW to 25MW, for stationary, grid scale applications. Primus' EnergyPod provides 5 hours of energy discharge and a long twenty year life span. These Zinc Bromine batteries are safe and low maintenance. Solar Energy Storage Market to Witness Huge Growth by 2031 ??? BMW



LONG-LIFE ENERGY STORAGE SYSTEMS
CREATE A MORE EFFECTIVE AND RELIABLE
ELECTRIC GRID UPDATED: FEBRUARY 24, 2016
PROJECT TITLE: Low-Cost, High-Performance
50-Year Electrodes The MCAS microgrid includes a
230 kW solar photovoltaic array, the Primus battery
and an energy management system. Primus



Primus Power Solutions makes batteries for the smart grid. Primus Power Solutions is a provider of low-cost, long-life and long-duration energy storage systems. Our mission is to help enable 100% renewable energy worldwide. Founded in 2009, Primus is privately held, located in Silicon Valley and has a subsidiary in Asia.



That's how the U.S. Department of Energy's Advanced Research Projects Agency-Energy (ARPA-E) characterizes Primus Power's innovative energy storage technology. We are excited to share that we received a \$3.5 million award from the Agency's new competitive Duration Addition to electricitY Storage (DAYS) program.



Primus Power is developing zinc-based, rechargeable liquid flow batteries that could produce substantially more energy at lower cost than conventional batteries. A flow battery is similar to a conventional battery, except instead of storing its energy inside the cell it stores that energy for future use in chemicals that are kept in tanks that sit outside the cell. One of the ???



Primus uses the titanium electrodes instead of graphite, which is commonly used by other makers with CEO Tom Stepien explaining why in this interview with Energy-Storage.News last year. These are not the first Primus Power zinc-bromine battery EnergyPods deployed in the country.



The program, which is expected to be a boon for energy storage, will favor longer-duration technologies, such as the flow batteries provided by Primus Power's Energy Pod 2, according to Stepien.