

PEES Power Systems

Columbia Valley Electric Energy Storage Device



✓ 100KWH/215KWH

✓ LIQUID/AIR COOLING

✓ IP54/IP55

✓ BATTERY 6000 CYCLES



Columbia Valley Electric Energy Storage Device



Pioneering energy storage project advances in Wisconsin

Alliant Energy's revolutionary Columbia Energy Storage Project, using Energy Dome's safe, reliable CO2 battery, represents a significant advancement in energy storage while bolstering ...

Alliant Energy utility wants to demonstrate nation's first CO2-based

The project will test a new long-duration storage concept pioneered by Italian startup Energy Dome that involves using compressed carbon dioxide to drive an otherwise conventional ...



Columbia Valley Electric Energy Storage Device

The Columbia Energy Storage Project will feature Energy Dome's standard-frame 20MW/200MWh CO2 Battery, powering around 18,000 homes in Wisconsin for 10 hours on a single charge.

Columbia Energy Storage Project

The Columbia Energy Storage Project is the first long-duration energy storage system of its kind to be developed in the United States. The 18-megawatt project is designed to improve grid stability and ...



Columbia Energy Storage Project

In addition to supporting a more resilient energy future, the Columbia Energy Storage Project will create new construction jobs as well as ongoing operations and maintenance positions once the storage ...

Columbia Energy Storage Project Receives DOE Funding

Alliant Energy's new battery system, known as the Columbia Energy Storage Project, will be the first-of-its-kind in the United States. The project will deliver 10 hours of energy storage ...



Wisconsin Approves Alliant's Long-Duration Energy Storage Project



The project, led by Alliant Energy in partnership with Wisconsin Public Service Corporation, a subsidiary of WEC Energy Group, and Madison Gas and Electric, will be built using ...

Alliant seeks PSC approval for Columbia Energy Storage Project

The Columbia Energy Storage Project uses a new technology designed by Energy Dome. The system's features will boost grid stability, improve resilience, and deliver enough ...



First of its kind 'energy dome' storage project takes another step

A first of its kind energy storage system coming to Wisconsin took a step forward this month, almost a year after the project was announced. Alliant Energy filed an application with the ...

Wisconsin Utility Investors

The Columbia Energy Storage Project is

the first long-duration energy storage system of its kind to be developed in the United States. The 18-megawatt project is designed to improve grid stability and

...



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://peregrine-energy.co.za>

