

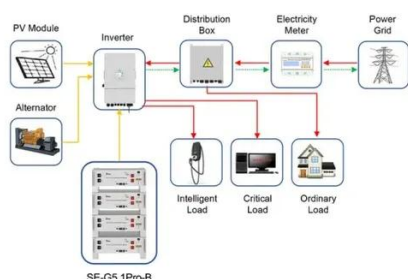


# Columbia Power Plant Energy Storage Project





## Columbia Power Plant Energy Storage Project



Application scenarios of energy storage battery products

### [Wisconsin Regulators Approve Alliant Energy's 20MW CO2 Battery ...](#)

The Public Service Commission of Wisconsin (PSC) has granted final approval for Alliant Energy's Columbia Energy Storage Project, marking a significant milestone in the deployment of long ...



### Alliant Energy

The Columbia Energy Storage Project is the first long-duration energy storage project of its kind to be developed in the United States. The system's unique features will boost grid stability and deliver ...



### [Alliant Energy seeks OK for Columbia Energy Storage Project](#)

Alliant Energy has filed an application with the state Public Service Commission seeking approval for the landmark Columbia Energy Storage Project, which the company introduced plans for

### 07.18.24 LDES Alliant Energy Project

Alliant Energy, in collaboration with technology provider Energy Dome, plans to construct a grid-tied compressed carbon dioxide (CO<sub>2</sub>) LDES system at the Columbia Energy Center, a soon ...



### **PSC Approves Construction Plans For Columbia County Energy Storage Project**

The project will boost grid stability, improve resilience and deliver enough electricity to power approximately 18,000 Wisconsin homes for 10 hours on a single charge. The closed-loop ...

### [Wisconsin Regulators Approve First of its Kind Long-Duration Storage](#)

Utilizing cutting-edge technology designed by Energy Dome, the Columbia Energy Storage Project will boost grid stability, improve resilience and deliver enough electricity to power ...



### [Wisconsin Approves Alliant's Long-Duration Energy Storage Project](#)

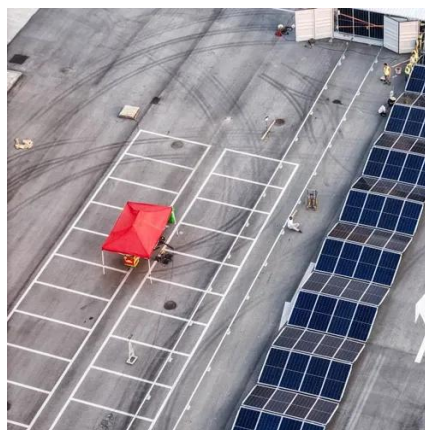
Alliant Energy's Columbia Energy Storage Project, the first long-duration energy storage system of its kind in the US, has been approved by the Public Service Commission of Wisconsin (PSC).

### [Energy Dome signs US contract with Alliant](#)



Madison, Wisconsin - 23 October 2024 - Energy Dome, a leader in long-duration energy storage solutions, announces a landmark advancement in its commercial-scale deployment in the US market

...



50KW modular power converter



**Flexible Configuration**

- Modular Design, Expanding as Required
- Small/light, Well-Insulated
- Available in Racked for Expansion



**Powerful Function**

- Support PV/ESS
- Grid Support, Equipped with SVG Technology
- On-Grid and Off-Grid Operation



**Reliable Protection**

- Outdoor IP65 Design
- Sufficient Protection Functions Equipped

### 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 ...

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

The Columbia Energy Storage Project would store excess energy from the electric grid by converting carbon dioxide gas into a compressed liquid form and then converting that liquid back ...





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