

BLINK SOLAR

Columbia Chemical Park Energy Storage Project

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48V or 51.2V



Overview

Who is developing the Columbia Energy Storage Project?

Development of the Columbia Energy Storage Project is led by Alliant Energy in partnership with Wisconsin Public Service Corporation, a subsidiary of WEC Energy Group, and Madison Gas and Electric.

What is Alliant Energy's Columbia Energy Storage Project?

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 the power grid to benefit Wisconsin customers.

Where will a new energy storage system be built?

The energy storage system will be built south of Portage, Wisconsin in the town of Pacific and near Alliant Energy's existing Columbia Energy Center. Construction is expected to begin in 2026 and be completed by the end of 2027.

How can energy storage be used to decarbonize the electrical grid?

Renewable energy is limited by its intermittency, as its supply may fluctuate based on weather and location. Innovative energy storage technologies are required to decarbonize the electrical grid with stability. Both batteries and dense energy carriers have attracted vast research efforts as options for large-scale energy storage.

Columbia Chemical Park Energy Storage Project



Wisconsin Regulators Approve First of its Kind Long-Duration Storage

Plans to construct a first of its kind long-duration energy storage system of its kind in the United States are advancing following approval from the Public Service Commission of ...

Developers plan to build a first-of-its-kind energy storage ...

A first-of-its-kind project for the United States has received a grant of up to \$30 million from the government, the project's developers announced. Alliant Energy and WEC ...

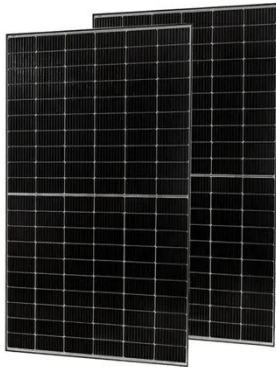


Columbia Energy Storage Project To Pioneer CO2-Based ...

The Columbia Energy Storage Project in Wisconsin is set to become the first U.S. initiative to deploy a carbon dioxide (CO2) battery system, marking a significant step in the ...

Wisconsin Regulators Approve Alliant Energy's 20MW CO₂ Battery Storage

The Columbia Energy Storage Project will utilize Energy Dome's closed-loop CO₂ battery system, a novel technology that stores electricity by compressing carbon dioxide gas ...



Pioneering energy storage project advances in Wisconsin

Similarly, statements that describe the Columbia Energy Storage Project and our Energy Blueprint are forward-looking statements. These forward-looking statements are ...

Developers plan to build a first-of-its-kind ...

A first-of-its-kind project for the United States has received a grant of up to \$30 million from the government, the project's developers ...



Energy Storage , Park Group

Renewable energy is limited by its

intermittency, as its supply may fluctuate based on weather and location. Innovative energy storage technologies are required to decarbonize ...



Columbia Energy Storage Project Receives DOE Funding

The Columbia Energy Storage Project will be built in Pacific, Wisconsin, near the current Columbia Energy Center. Alliant Energy expects to submit project plans to the ...



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 ...

CX-033516: Columbia Energy Storage Project - Phase 1

DOE's Office of Clean Energy

Demonstrations (OCED) is proposing to provide funding to Alliant in support of the Columbia Energy Storage Project. The proposed activities ...



Contact Us

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