



Smud long duration storage

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Currently, the ESS iron flow long-duration energy storage project is in its early phases at SMUD's Sacramento Power Academy. In September 2023, ESS commissioned six Energy Warehouse(TM) ...

Site 1b & 1c will deploy the ESS Energy Center for a total of ~3.6 MW // 29 MWh (8-hour duration). Located adjacent to the site 1a installation at Hedge. 1b and 1c will be commissioned in 2026 and ...

California public power utility SMUD's long-duration battery storage project in partnership with ESS Tech, Inc. has been awarded a \$10 million grant from the California Energy Commission to ...

SMUD continues to pursue several clean firm resources including carbon capture and sequestration (CCS) and long duration energy storage (LDES). Alternative to lithium-ion batteries for longer ...

On June 19, 2025, SMUD and D.E. Shaw Renewable Investments announced a long-term agreement to build the 160 MW / 640 MWh Dry Creek Energy Storage facility on the former Rancho Seco nuclear ...

The six systems are the first delivery in a broader deal, announced last year, under which ESS will provide up to 200 MW/2 GWh of iron-flow long-duration energy storage systems to SMUD.

Iron flow battery company ESS is benefiting from a \$10 million grant for a long-duration battery storage project run in partnership with Sacramento Municipal Utility District (SMUD). The ...

As more renewable energy is added to the grid, long-duration energy storage is essential to providing the reliability and resiliency we need when the sun is not shining, and the wind is not ...

Sacramento: SMUD's \$10 million state grant advances long-duration battery storage technology. California Energy Commission funding supports SMUD's decarbonization goals.

The Sacramento Municipal Utility District cut a deal one year ago with cleantech company ESS to deliver a



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total of 200 megawatts/ 2 gigawatt-hours of long-duration energy storage, ...

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