



# Public energy storage procurement strategy

Who published the CPUC Energy Storage Procurement Study?

This work has been developed and published by Lumen Energy Strategy, LLC in Oakland, California under commission by the California Public Utilities Commission.

Where can I find a California energy storage procurement study?

You can find the California Public Utilities Commission Energy Storage Procurement Study at [The study was prepared by Lumen Energy Strategy, LLC for the California Public Utilities Commission and was released on May 31, 2023.](#)

What does the PU's Energy Storage Procurement Framework do?

The PU's Energy Storage Procurement Framework provides crucial motivation to the development of both demand and supply in this marketplace. Since the time of Assembly Bill 2514 and through 2021 California built a rich ecosystem for energy storage research and development, commercialization, and project deployment.

What are energy storage procurement contracts?

Energy storage procurement contracts must also take into account the ever-evolving suite of laws and regulations applicable to energy storage projects, including as a result of the recent change in administration in the United States.

What will the CPUC's next energy storage procurement study look like?

The CPUC's next energy storage procurement study will likely consider more complex market interactions as storage penetration increases, with even more historical data to work with.

What is California's energy storage procurement framework?

California's energy storage ecosystem, built since Assembly Bill 2514 and through 2021, includes a crucial component: the PU's Energy Storage Procurement Framework. This framework motivates the development of both demand and supply in the energy storage marketplace.

Decision Enhances California's Energy Storage and Production by 10.6 GW Commission (CPUC) today established an innovative centralized procurement strategy aimed ...

The California Public Utilities Commission recently established a centralized procurement strategy aimed at boosting the state's clean energy resources. The decision, ...

California Public Utilities Commission Energy Storage Procurement Study. Lumen Energy Strategy, LLC. Prepared for the California Public Utilities Commission. May 31, ...



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The final study report includes a comprehensive assessment of the CPUC's stationary energy storage procurement framework, its impact on the evolution of California's ...

MITEI's three-year Future of Energy Storage study explored the role that energy storage can play in fighting climate change and in the global adoption of clean energy grids. Replacing fossil fuel-based power generation with ...

The Department of Energy's (DOE) Energy Storage Strategy and Roadmap (SRM) represents a significantly expanded strategic revision on the original ESGC 2020 Roadmap.

DOER proposes a new procurement framework that will include more flexibility and considers a broader clean energy resource portfolio, in line with the Commonwealth's strategies to meet ...

After a decade of lithium-ion procurement, the leading clean energy states are finally turning their attention to long duration energy storage. Although it may still seem like a ...

Energy storage will be a key enabler in meeting Ontario's future needs, and the Long-Term RFP, launching this fall, will build on these results, completing Ontario's overall procurement of ...

While the energy storage market continues to rapidly expand, fueled by record-low battery costs and robust policy support, challenges still loom on the horizon--tariffs, shifting tax incentives, and ...

Over the past decade, the California state agencies, utilities, and many other stakeholders explored many uncharted pathways to accelerate development of a variety of ...

Virtual Energy storage (VES) has great potential in satisfying multiple operational requirements of grid-connected microgrids with renewable energy resources. In the ...

The Department of Energy's (DOE) Energy Storage Strategy and Roadmap (SRM) represents a significantly expanded strategic revision on the original ESGC 2020 Roadmap. This SRM ...

The historical evaluation in our report is not intended to be--nor would it be correctly interpreted as-- a prudency review of any individual energy storage resource ...

Who Cares About Energy Storage Procurement? Let's Break It Down You're at a renewable energy conference, and three people are arguing about battery cell suppliers. The ...

As the state deploys more renewable energy resources to meet increasing clean energy goals, the value of various grid services provided by energy storage technologies will increase and ...



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**ATTACHMENT C: COST-EFFECTIVENESS OF PEAKER REPLACEMENT**<sup>1</sup> This attachment provides details on the special study of the replacement of gas peakers in ...

Provides federal agencies with a standard set of tasks, questions, and reference points to assist in the early stages of battery energy storage systems (BESS) project development.

**ATTACHMENT A: HISTORICAL BENEFIT-COST ANALYSIS AND SCORING OF ENERGY STORAGE PROJECTS IN CALIFORNIA**<sup>1</sup> This attachment provides details on ...

In December of 2018, the New York Public Service Commission (PSC) issued an Energy Storage Order establishing a statewide energy storage goal of 3,000 MW by 2030, with an interim ...

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**ATTACHMENT E: END USES AND MULTIPLE APPLICATIONS**<sup>1</sup> Energy storage technologies are emerging as highly flexible resources that can provide a wide variety ...

The challenges of procurement for utility-side storage and solar-plus projects center largely on early-stage decisions: defining the top-priority use case, but also exploring ways to get more ...

California Public Utilities Commission (CPUC) decision D.13-10-040 requires CPUC staff to conduct a comprehensive programme evaluation of the energy storage ...

AB 2514 Storage RFO Source: Lumen research on utility applications and CPUC decisions on various resource procurement tracks, and other public information on project status. (IRP = ...

Under the direction of California Public Utilities Commission (CPUC) Decision 13-10-040, the CPUC Energy Storage Procurement Study learns from historical stationary energy storage procurements and operations to ...

**ATTACHMENT H: STAKEHOLDER ENGAGEMENT**<sup>1</sup> Stakeholders had a significant role in shaping the scope of this CPUC Energy Storage Procurement Study. The ...

The California Public Utilities Commission (CPUC) has authorised a new centralised strategy for procuring long-lead-time resources, including long-duration energy storage (LDES).

By 2037, the CPUC's directive could lead to the completion of this procurement strategy, if bid costs are found to be reasonable and contracts are approved, enhancing ...



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