

Policy Recommendations for Energy Storage

Key takeaways from workshop on LDES market design with industry players

1. Recognize LDES as a central tool in Europe's decarbonization plan and in achieving carbon-neutral security of supply.
2. Establish clear EU-wide long-term LDES capacity objectives to reduce investment risk in tech development.

CREATE AN LDES
STRATEGY

3. Encourage the participation of LDES technologies in PPAs, under CfDs and capacity contracts, to guarantee long-term revenue streams.
4. Fund demonstration projects at meaningful scales (>10-100 MW) to ramp up support and reduce technology risks.
5. Expand innovation grants for LDES R&D.

PROMOTE PUBLIC
FUNDING AND
INVESTMENT SIGNALS

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6. Provide support and guarantees to off-takers that choose to electrify activities.

SUPPORT INDUSTRY
POLICY AND
ELECTRIFICATION

7. Shorten grid connection permitting and public funding timelines in order to accelerate deployment.

8. Build an EU-wide strategic LDES reserve to balance renewables.

9. Level the playing field against carbon-intensive alternatives by penalizing them more.

10. Provide high-quality, granular grid data for better business case evaluation and revenue forecasting.

PLAN FOR A HOLISTIC
SYSTEM