



TECHNOLOGY DIALOGUE SESSION

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Breakout Discussion

Barriers to Commercialization:

- What are the biggest barriers to the commercialization of this specific LDES technology?
- What are the technical challenges that need to be overcome?

Cost Considerations:

- What are the primary cost drivers for this technology?
- How can costs be reduced without compromising performance?

Market Potential:

- Which markets are most promising for this technology, and why?
- What customer segments are most likely to benefit from this technology?
- What use cases or applications are emerging that could drive market growth?

Resiliency and Reliability:

- How does this technology contribute to grid resiliency and reliability?
- What are the challenges in integrating this technology into existing grid infrastructure?
- How does this technology perform under extreme weather conditions or other stress scenarios?

Sustainability and Lifecycle:

- What are the environmental impacts associated with this technology, both positive and negative?
- How sustainable is the technology in terms of material usage and lifecycle?
- What strategies can be employed to improve the sustainability of this technology?



Group Discussion

Common Themes:

- What common themes emerged across the different technology discussions?
- Were there any unexpected challenges or opportunities identified?

Cross-Technology Opportunities:

- Are there opportunities for integrating multiple storage technologies to create hybrid systems?
- How can different LDES technologies complement each other in real-world applications?

Future Directions:

- What are the next steps for research and development in each technology area?
- How can the industry, government, and academia collaborate to overcome the identified challenges?

