

Why Do Energy Storage Systems Still Surprise Us? Bridging the Gap Between Component Testing and System Reality

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SUMMARY:

This session examines why ESS field performance can differ from testing predictions, focusing on gaps in system-level validation, integration, controls, aging, and real-world operating conditions.

IMPACT:

This session will identify practical opportunities to improve testing methods, model validation, and field-informed design so that ESS performance and failure risks can be better anticipated before deployment.

