



Alternative electro-chemical-based energy storage in the Western Interconnection

With the increasing adoption of alternative electro-chemical-based energy storage systems — like sodium nickel batteries — questions have arisen about Reliability Standard PRC-005-6 — Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance. Right now, this standard focuses on the requirements for maintaining traditional batteries. However, a “low” priority initiative, Project 2019-04, is underway to update these requirements to include new and alternative storage technologies.

WECC is aware of the increasing use of these types of batteries, but does not have information showing how widespread their installation is in the Interconnection.

Please answer the following questions to help WECC better understand the use of alternative electro-chemical-based storage systems in the Western Interconnection. We appreciate your participation.

* 1. Are you using any alternative electro-chemical-based energy storage systems not covered by PRC-005-6 (i.e., VLA, VRLA, NiCad, non-battery-based energy storage) for Protection Systems?

Yes

No



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* 2. How many locations have them?

* 3. What is the total number of such batteries for the company?



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* 4. Your name (first and last)

* 5. Email address

* 6. Company name

* 7. NCR number(s)