

- DOE-OE protocol effort paved the way for providing input to International standards activities
- TC120 – develop ESS standard for performance, grid integration, safety and environment
- 5 working groups + gap analysis
- PNNL participating in gap analysis, performance metrics and testing, grid integration
- DOE-OE protocol gaining visibility
 - Being fed into EPRI's ESIC effort
- CENELEC CWA 05 – Flow batteries performance. PNNL participated thanks to DOE-OE support
 - New TC21/JWG7 formed for flow battery standards.
- TC21/JWG82 – Secondary cells and batteries for renewable energy storage.