

WECC Performance Subcommittee Reactive Technologies Resolution

Greg Park, PS liaison
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The WECC Performance Subcommittee (PS) endorses the following items to support the increase of monitoring and measurement for regional frequency, oscillation, and inertia performance with Reactive Technologies' high-resolution Grid Edge IoT devices (XMU) and GridMetrix analytics to ensure safe and reliable system operation:

1. WECC Performance Subcommittee requested to collaborate with Reactive Technologies to introduce and invite utilities to host an XMU, provided by Reactive Technologies, at no cost to participating utilities. XMUs are designed for simple installation at an office or depot location using a standard consumer power socket.
2. WECC Performance Subcommittee requested to facilitate the collaboration and coordination of the Reliability Coordinators in WECC's footprint and NERC for this project.
3. WECC Performance Subcommittee requested to help identify and support collaborations with utilities interested in demonstrating full-system frequency performance and regional inertia measurement using a modulation source, such as a utility-owned battery or battery in development in partnership with Reactive Technologies.
4. WECC Performance Subcommittee will provide technical guidance throughout the development and implementation of the project, including grid assessments and recommendations.
5. WECC Performance Subcommittee will review the resultant data from phase 1 of the deployment of XMUs and work with Reactive Technologies to inform recommendations for future deployments within the Western Interconnection.