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Essential Reliability Services for the Bulk Electric System

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Abstract

The Bulk Electric System in North America is now going through an unprecedented change in resource mix, including a significant shifts in technology, fuel and dynamic characteristics. At the same time, as industry supports this transformation, they are committed to sustaining bulk electric system reliability.

Dispersed resources offer both support and, if not deployed wisely, a risk to reliability. Therefore, it is vital to ensure that, as appropriate, impacts to the reliability of the bulk electric systems are well understood, so industry can accommodate the integration of large amounts of dispersed generation. This understanding can ensure the appropriate Reliability Standards are developed that accommodate this unprecedented change, while ensuring any risks to bulk electric system reliability are well managed.