

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Example of Excellence

American Electric Power — Industry Engagement Model

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AEP is an active participant in the electric utility industry with the intent to both guide industry advancements and to proactively learn of enhancements from others. AEP supports this initiative through its commitment of both capital and personnel resources. NERC recognizes this high level of engagement with the electric utility industry and a commitment to technology advancement as an example of excellence.

AEP participates on numerous regional and national study efforts and working groups, holding a leadership position in many. Company representatives are active members of NERC, Southwest Power Pool, ReliabilityFirst Corporation, Electric Reliability Council of Texas, PJM, Institute of Electrical and Electronics Engineers, and Edison Electric Institute committees, subcommittees, and working groups. This participation allows AEP to both learn from others and lend knowledge to the industry.

As part of its commitment, AEP has been an active participant in the development of several innovations for the electric utility industry. For example, AEP has been principally involved in two notable transmission technology achievements: 1) the installation at Laredo, Texas, of a variable frequency transformer, or VFT, a creative power flow control device to provide reliable power supply to the fast-growing Laredo area; and 2) the demonstration, in partnership with the Department of Energy, of an innovative high-temperature superconducting cable at Bixby station located in central Ohio.

AEP's industry involvement is a coordinated effort. AEP has internal processes and procedures in place to actively track industry developments and to determine an appropriate level of involvement. It is a corporate expectation at AEP that information gleaned from industry efforts is shared on a broad basis within the company.

NERC commends AEP for its commitment to industry participation for the continuing improvement of the reliability of the bulk power system.