

"The Use of CIM in the AEP Enterprise Architecture"

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AEP Ohio, an operating company of American Electric Power, is in the fourth year of an ARRA demonstration project involving the deployment of 130,000 smart meters and other smart grid technologies in the areas of outage management, distribution grid management, and demand response/energy efficiency. AEP's Enterprise Architecture function has identified CIM as a strategic standard for integration and data modeling. AEP has made significant contributions to IEC 61968 Parts 6, 8, and 9, 61970, and 62325. This presentation describes the process of identifying AEP's contributions, capturing their business justification, deciding upon their representation and submitting them to the IEC Working Groups for inclusion into the standards.