Abstract

Building a GIS at Duke Energy Field Services
Track: Pipeline Transmission
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Duke Energy Field Services (DEFS) is currently migrating approximately 58,000 miles of pipeline data into a PODS (Pipeline Open Data Standard) database. This technical presentation will describe how DEFS has built a GIS for the nation's largest gathering system. It will include a description of the aggressive project scope and integration with ArcSDE and ArcIMS. The presentation will discuss challenges that are common to pipeline companies including data integration, database history, centerline versioning, daily data updates and corporate data accessibility, and how DEFS addressed these.

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