

Abstract

Building a GIS at Duke Energy Field Services

Track: Pipeline Transmission

Author(s): Doug Thorpe, Ron Brush

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.

Doug Thorpe

Duke Energy Field Services

370 Seventeenth St.

Suite 3200

Denver , CO 80202

USA

Phone: 720-944-9335

E-mail: dgthorpe@duke-energy.com

Ron Brush

New Century Software, Inc.

2627 Redwing Road

Suite 100

Fort Collins 80526

USA

Phone: 970-267-2002

E-mail: ronb@newcenturysoftware.com