Abstract

Challenging CAD Conversion Issues at Gulf Power

Track: Electric and Gas

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Gulf Power's DOS AutoCAD system (FAMS, Florida Automated Mapping System) faced a rewrite to use newer AutoCAD technology, or switch to an ESRI solution. Along the way, serious conversion issues were encountered: symbol insertion points differing from their location, deciphering the CAD layer codes, stitching together 650 tiles, closing gaps, setting symbol rotations, matching text to the correct graphical elements, etc. Using the tools in SAFE's Feature Manipulation Engine (www.safe.com/fme) Southern Company Services (www.southernco.com) dramatically reduced the amount of manual cleanup required for conversion and successfully produced both bank and unit records with attributes from the graphical information in FAMS.

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