AUTODESK UNIVERSITY 2013

Substation Assemblies for Inventor

Arnold Fry – Duke Energy
Justin Eyre - Co-presenter – Duke Energy

Code UT1940

Learning Objectives

At the end of this class, you will be able to:

- Establish required custom properties for parts and assemblies based upon Enterprise Asset Management attribute templates.
- Define standard values for required properties by creating enforceable lists inside Vault Professional.
- Creating and editing items for parts and assemblies.
- Create item defined parts and assemblies by attaching to parent items.
    - Set-Up A Project
    - Creating A Site Plan
    - Place and Constrain Components
    - Create Document

About the Speakers

Arnold W. Fry, PE
Manager, Transmission Standards
Duke Energy
BSEE from Clemson University, Professional Engineer in North Carolina and South Carolina 25 Years of Electrical Industry experience including 18 years with Duke Energy. Responsible for Transmission Line Standards, Protection and Control Standards, Substation Standards and Design Tool Standards. Served as the business project manager for the implementation of the Substation Design Solution. The Substation Design Solution utilizes Autodesk Software along with a custom interface with enterprise systems including Maximo, Fusion and GE Smallworld.
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Justin Eyre
Engineering Technologist
Duke Energy

Physical Designer in substation engineering with the responsibilities of developing design process work flows for Inventor. I have been designing substations for 4 years with Duke Energy in the Midwest region.

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