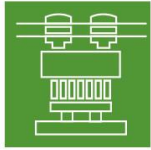


POWER DELIVERY



Deliver world-class value to every customer, every day, safely.

DMS Data Model Maintenance

Gregory S Brock

March 5, 2020

OUUG Austin, TX



**Georgia
Power**



DMS DATA

- **Static Data (Mostly)**
 - **Catalog Data**
- **GIS Data**
 - **Device Types**
 - **Attributes**
- **Dynamic Data**
 - **DSCADA**
 - **Sensors/Monitoring Points**



STATIC DATA

- **Planning Systems**
 - **CAPE**
 - **Source Sequence Impedances**
 - **CYME**
 - **Various catalog data**
 - **Conductor impedance**
 - **Basic Construction Configurations**
- **Spreadsheets**
 - **Area Planners**
- **Private Databases**
 - **Area Planners**



GIS DATA

- **Conductors**
 - **Wire Size**
 - **Attribute Queries**
 - **Wire Material**
 - **Attribute Queries**
 - **Limits ??**
- **Devices**
 - **Operational Characteristics (Attribute Driven)**
 - **Limits**
- **Customer Data??**
 - **Some Systems use GIS as Customer Linking Tool**
- **Other**



DYNAMIC DATA

- **SCADA DATA**
- **AMI (NRT) Bell Weather Meters**
- **AMI Historic (Load Profiles)**
- **Weather Feeds**
 - **Solar Forecast**
 - **Wind Forecast**
 - **Temperature**

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DISCUSSION / QUESTIONS