Acknowledgement and Disclaimer

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What is a Registry at its Core?

- WECC’s Registry Approach:
  1. A listing of Devices with an associated set of META data that defines each device.
  2. A listing of Measurements with an associated set of META data defining the measurement.
  3. A hierarchy that defines how the Devices and Measurements relate to each other.
WECC Registry Breakdown

- Templates - A predefined named grouping of fields that define a particular object.
  - PMU Template
    - Measurement (Signal) Template
  - PDC Template
  - Line Template
    - Measurement (MW, MVAR, ETC) Template
WECC Registry Breakdown

- Hierarchy – A tree view relationship to group devices in a logical manner.
  - Our tree breakdown:
    - Company
      - Substation
      - Device
      - Measurements
WECC Selected Vendors

- Back End
  - OSIsoft PI-AF

- Front End
  - HTTPS://WWW.WECCRC.ORG
  - Microsoft SharePoint 2010
  - telerik
    - deliver more than expected
PMU META Data
Questions?