



Empowering you to make
smart energy choices

EM&V of Tomorrow-3/30/16

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UIL HOLDINGS COMPANIES

Where We Are Now-UI

- AMI metering is in place for over 10 years
- Data not all stored historically
- C&I large scale analytics
 - Can be one of many engagement tools
- Operational Savings (retrocommissioning)
 - May or may not use interval meter data
- C&I customers may have a lot of usage data
 - Customer EMS systems can be a good source of data
 - Demand response programs have used interval data for years

Possible Program Implications

- Just showing customers where they are wasting energy may not cause them to act
- No end use measurement from revenue meters
- No data may be available prior to measure installation
 - You need to know in advance who/what you want to measure
- EMS systems will continue to be a source of data
 - Do evaluators use these tools?

Summary

- Change will not happen over night
 - UI has had interval meters for over 10 years
- Lower overall EM&V cost must be the goal
 - Looking at all available data sources (ie utility meters and EMS systems) can lower evaluation costs
 - Demand Response data can be a tool