Skilled Trades and Submeters: Working in Concert on Campuses
Case studies from various campuses
Panelists – Skilled Trades and Submeters:
Working in Concert on Campuses
Moderated by Rebecca Hughes, Marketing & Training Manager, NYPA

Rebecca Hughes  
NYPA

Indu Lnu  
University at Albany

Sandy Dejohn  
Binghamton University

Mike Simpson  
College at Brockport

Mike Kingsley  
OBG, Part of Ramboll
University at Albany SCADA Integration

- Solution architecture
- SCADA Integration
Binghamton University Energy Dashboard

- Developed in-house utilizing campus IT skillset
- Simplify data views to identify outliers and prioritize interventions

- Drill-down from facility summaries to individual buildings
- Resolution from monthly to daily, hourly
- Data is protected but information is public – engage campus community
Brockport State College Energy Management

Techniques & Tools:

- NYEM data
- Building Management System
- Handheld Meters & Loggers
- Walkthroughs
- Staff Interviews
- Training – ECMs, Analysis
Putting Big Data to Use

Trades: Evolving Skills

Workforce Training

Role of Submeters

Measuring Progress
Thank You!

Rebecca Hughes, rebecca.hughes@nypa.gov
Indu Lnu, ilnu@albany.edu
Sandy Dejohn, sdejohn@binghamton.edu
Mike Simpson, msimpson@brockport.edu
Mike Kingsley, Michael.Kingsley@ramboll.com
What labor market condition(s) impact facility operations today?

A. Retirements across the trades impacting facility managers
B. Changes in required skills – moving away from analog and toward digital
C. Difficulty recruiting and retaining qualified staff
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ANSWER: All of the above
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A. Many energy and facilities managers are aware of big data but not sure how to use it to drive value

B. Energy Management Information Systems (EMIS) and other platforms are tools to utilize “Big Data”

C. “Big Data” is just a passing fad
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**ANSWER: A & B**
What are some of the tech trends to watch in energy management?

A. Open-source Application Platform Interfaces (API)
B. Intersection of operational technology (OT) and information technology (IT)
C. Deep submetering of energy end uses
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**ANSWER: All of the above**