

SUNY PPAA and NYAPPA Summer Conference

July 18, 2019



PRESENTS:

Skilled Trades and Submeters: Working in Concert on Campuses

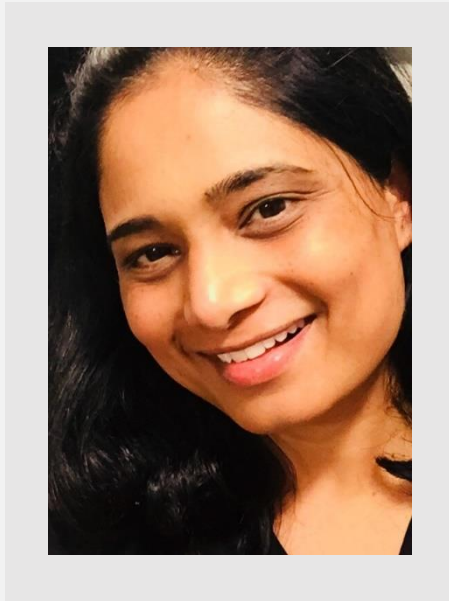
Case studies from various campuses

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

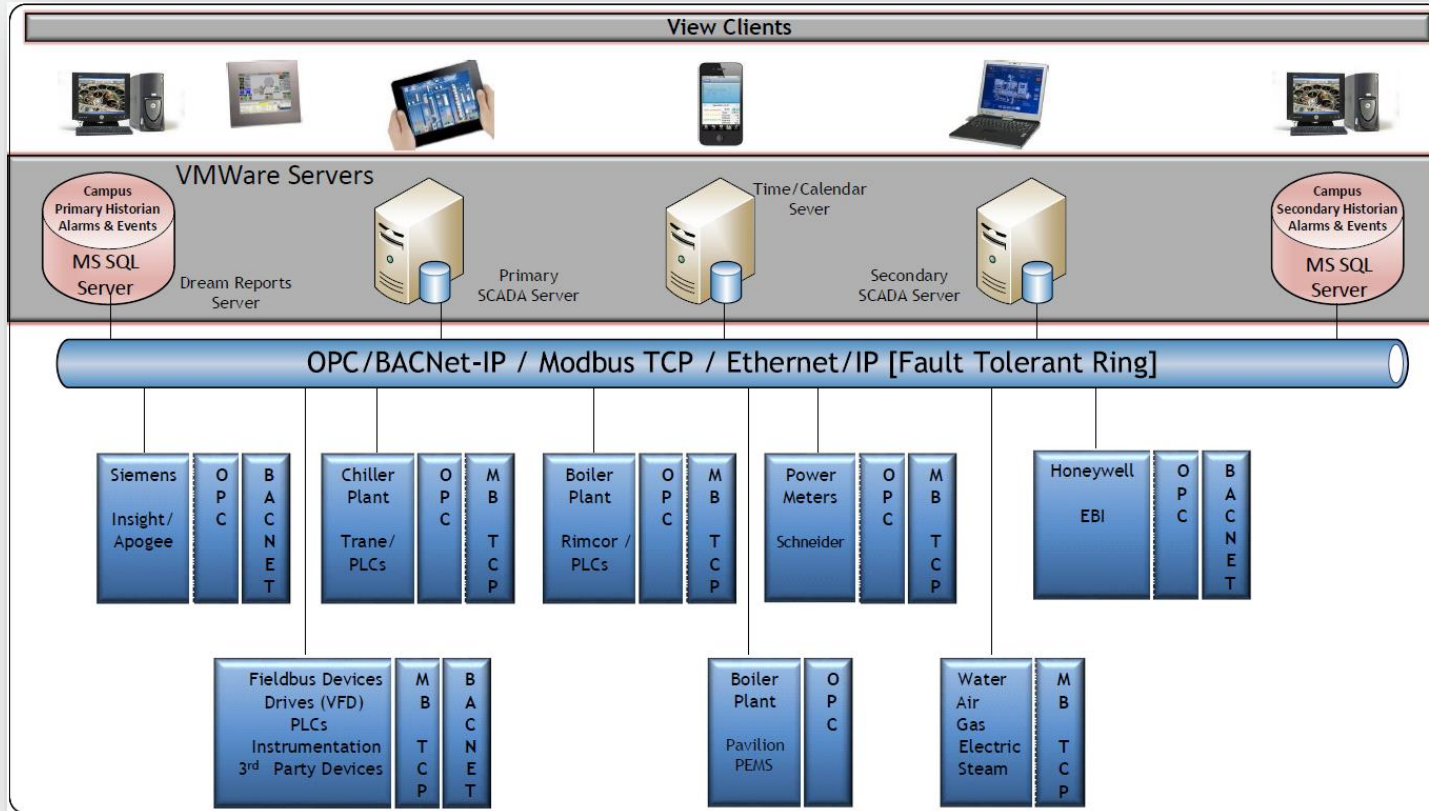


Mike Simpson
College at
Brockport

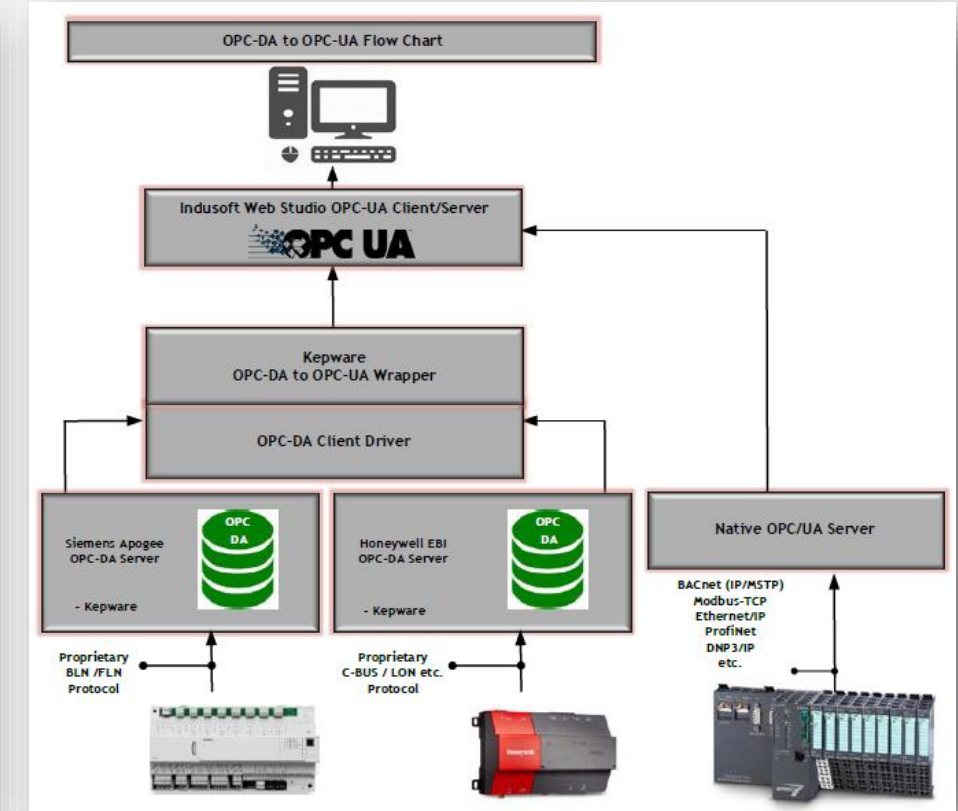


Mike Kingsley
OBG, Part of Ramboll

University at Albany SCADA Integration



- Solution architecture

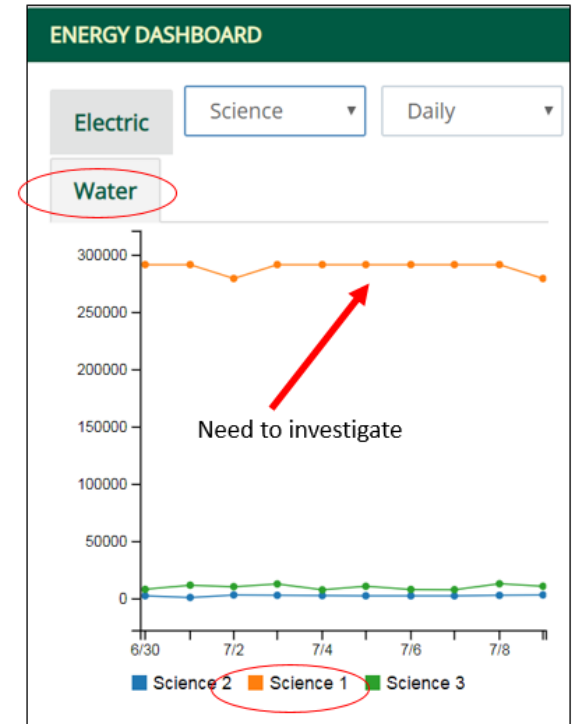
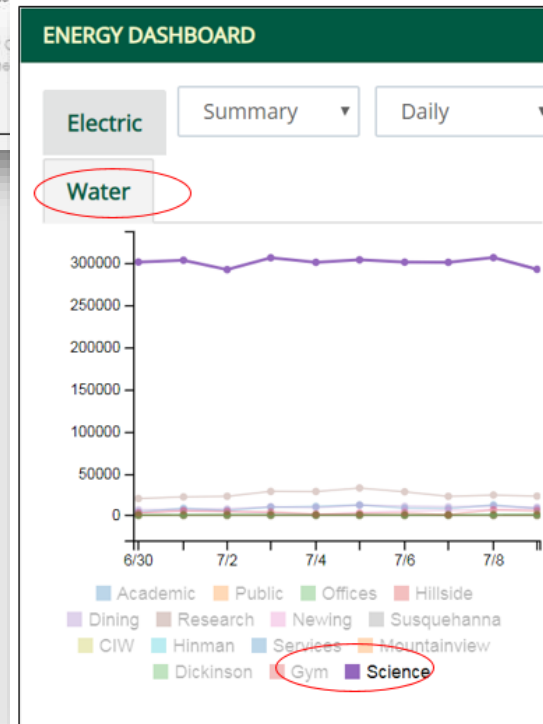
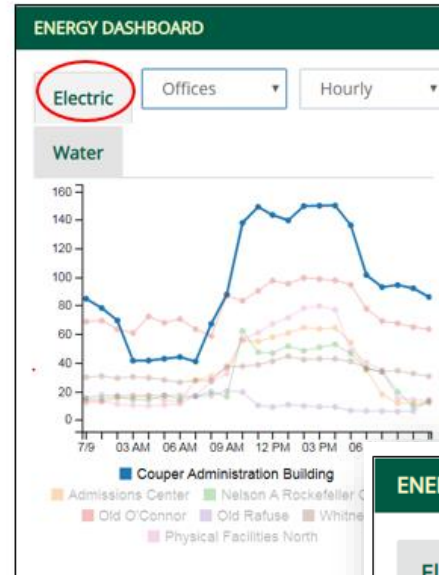
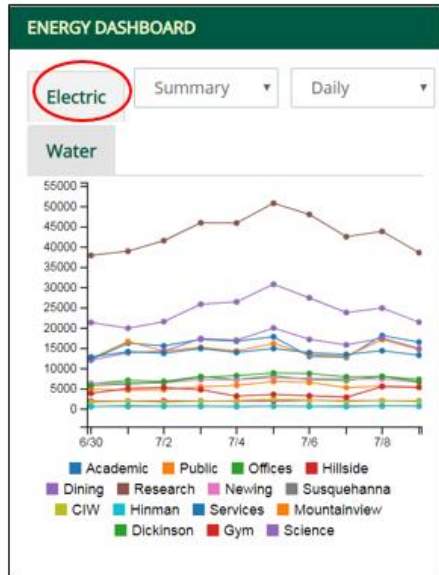


- SCADA Integration

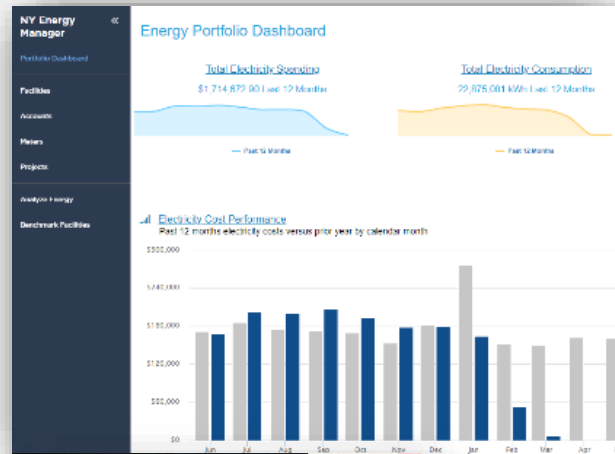
Binghamton University Energy Dashboard

- 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

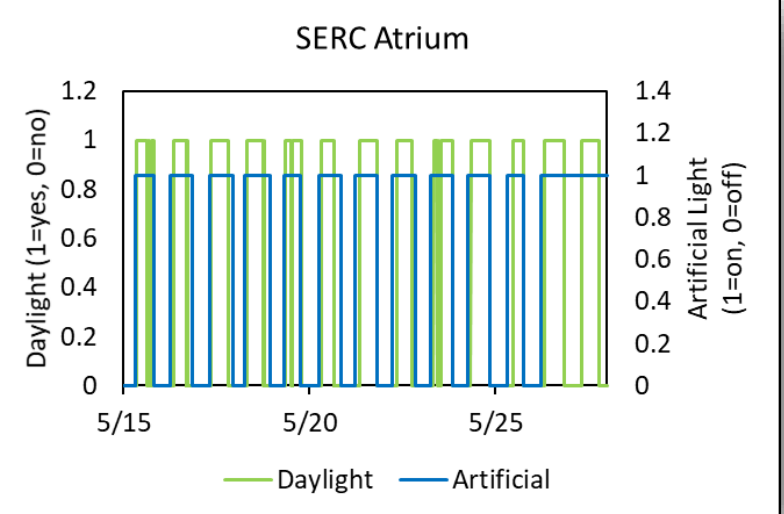
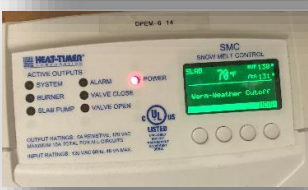


Brockport State College Energy Management



Techniques & Tools:

- NYEM data
- Building Management System
- Handheld Meters & Loggers
- Walkthroughs
- Staff Interviews
- Training – ECMs, Analysis

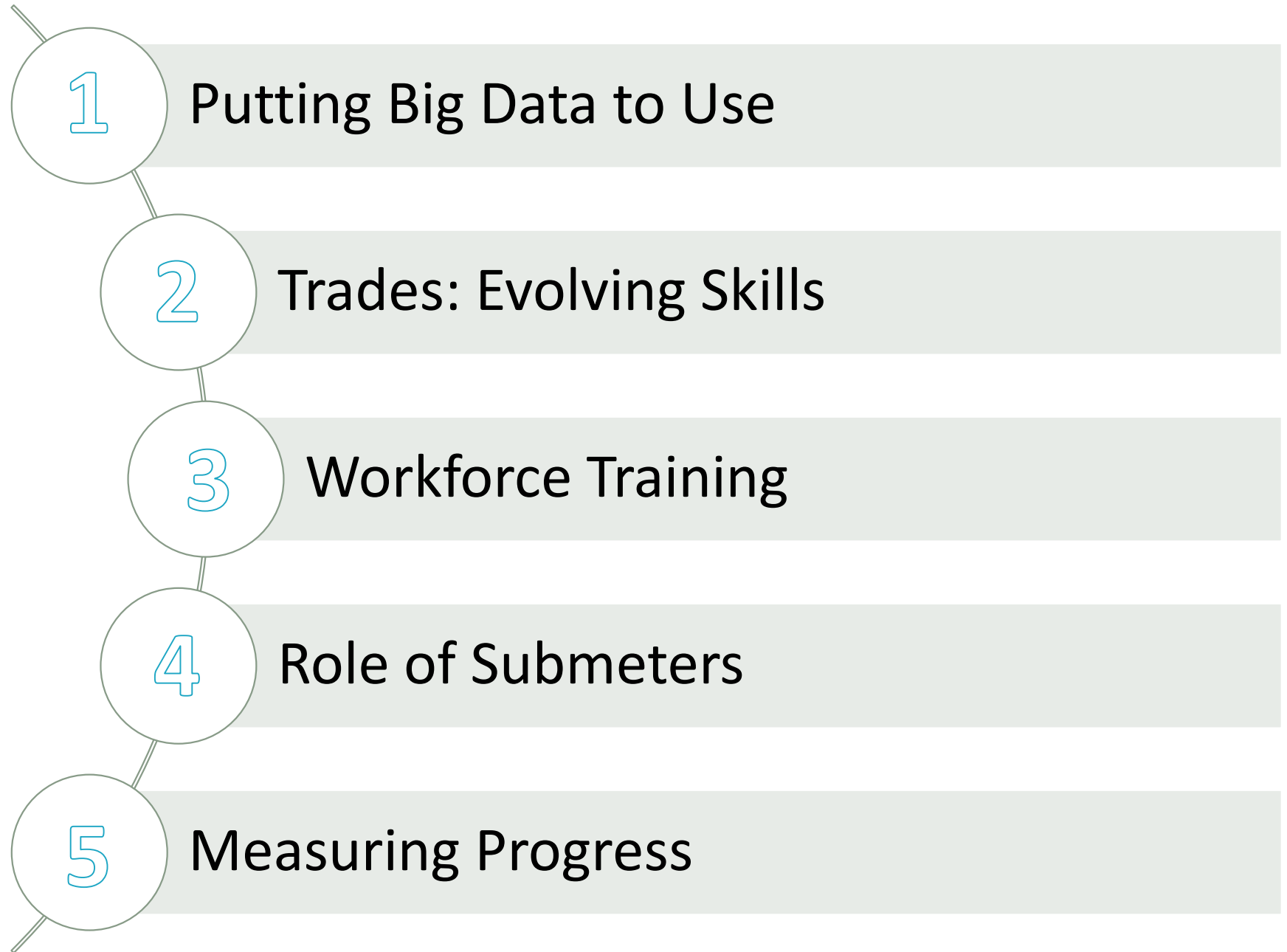


Brockport State College Human Capital



Open Discussion

Data and Skilled Workers



Thank You!

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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





Which statement(s) describe how “Big Data” is impacting energy management?

- 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”
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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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