



The background features a complex dashboard. At the top, there are several line charts with green, blue, and purple lines, likely representing energy prices. Below these are data tables with columns for values and percentage changes. For example, one row shows '1,043 MMBTU' with a '-5%' change, and another shows '0 MMBTU' with a '14%' change. A blue rectangular box is positioned above the main title.

# ANALYTIKA USERS FORUM

September 2021

**Getting Results at Jefferson**

Hour of Day  
11:00  
12:00  
13:00  
14:00  
15:00  
16:00  
17:00  
18:00



# AGENDA

1. Introduction to Analytika Users Forum
2. Focus Topic: Getting Results at Jefferson
3. Q&A / Open Forum
4. What's Next?

# What is Cimetrics Analytika?



## Analytika services

- **Continuous data monitoring**
- **Ongoing commissioning (CCx / MBCx) using automatic fault detection & diagnostics (AFDD)**
- **Engineering consulting**
- **Analytika Portal SaaS**



## Solve owner challenges

- Help building owners, managers, vendors and partners **run their facilities more efficiently and effectively**
- Targeted recommendations for **energy savings & optimization opportunities** and **insidious equipment faults**
- **Task prioritization, vendor management, & KPI tracking**
- **Regulatory & ESG compliance tracking & reporting**
- **Minimize shutdowns** through reliability improvements & early fault detection
- **M&V to insure energy efficiency investments**



## Create better buildings

- **Save energy costs**
- **Reduce GHG emissions**
- **Improve comfort & safety**
- **Prioritize & streamline** maintenance tasks
- **Achieve sustainability goals**

# Why an Analytika Users Forum?



## Learn

Learn how to achieve your goals from Cimetrics experts and Analytika power users



## See

See best practices, techniques, tips & tricks demonstrated live



## Ask

Ask questions and get guidance on resolving challenges



## Share

Share your unique cases and experiences to help others get the most out of Analytika

Learn how to get the most out of Cimetrics Analytika to create safe, reliable, energy-efficient buildings!

**Focus Topic:**  
**Getting  
Results at  
Jefferson**

- Background & overview
- Implementation
  - Staff engagement
  - Making changes
  - Handling non-networked systems
- Financing
  - Utility Incentives
  - Capital expenditure support
  - Gaining institution-wide buy-in

# Background & Overview

- First building (Bluemle) started in March 2013 then expansion the Center City Campus and finally to the entire Jefferson Enterprise (currently 12 sites/campuses)
- Original scope was full Analytika Report (50-100 pages)
- Transitioned to delivery of issues only
- Current deliverable: **Gold Mine List (GML)** with monthly Zoom calls for each site
- Small bites are the only way to “eat the whole elephant”

# Implementation

- Getting the ‘boots on the ground’ engaged in the GML process
  - Monthly Zoom calls help build relationships between HVAC techs, Analytika Analysts and oftentimes the BAS controls and/or HVAC vendors
  - Original goal was to include site Directors on all Zoom calls; this didn’t work due to scheduling. Now Directors are brought in periodically to follow issue resolution progress.
- Making actual changes in the BAS system
  - Where the site has no BAS experience in house; contracting the local BAS vendor to schedule periodic site visits to address **Analytika-specific** identified issues
- Site visits to identify additional energy savings opportunities
  - Finding problems in equipment that **are not** connected to the BAS

# Financing

- Utility incentives: How they are used to finance energy ‘projects’
  - Analytika provides the projected cost avoidance and the follow-up M&V
- Using Analytika to justify capital expenditure projects
  - Savings lost by NOT replacing equipment
  - Justification of upgrading/replacing third-party or obsolete controllers
- “Selling” Analytika up the chain of command
  - All levels of the organization (HVAC personnel, Managers, Site Directors, VPs, Finance) need to be involved and understand the end goals (energy cost avoidance, comfort improvements, extend equipment life, etc).



**QUESTIONS?**



# WHAT'S NEXT



## Next Analytika Users Forum session:

- November 2021

## Future topics:

- Analytika for Process
- BAS Cybersecurity
- Analytika support for ISO 500001

## Learn more:

- Sign up to be notified about future events:  
<https://www.analytika.com/analytika-users-forum/>
- Learn more about Analytika:  
<https://www.analytika.com/>
- Contact me! [hwebb@cimetrics.com](mailto:hwebb@cimetrics.com)