ENERGY INFORMATION MANAGEMENT

"Manage big utility data for your tenants with SourceOne and Emsys"

Information is Power!

Energy Information Management

Meet the presenters

Chris Barros, PE, LEED AP, CBCP, CEA

- 20 years experience in utility and energy industry
- Directs energy management at Veolia energy consulting firm, SourceOne
- Direction and development of SourceOne energy management software
- Father of triplets; Boy Scout Leader

Jim Panico

- 20 years experience in information technology
- Directs business solutions/IT at Veolia energy consulting firm, SourceOne
- Direction and development of SourceOne energy management software
- Father of one; Little League baseball coach

Energy Information Managment
What We Want to Share With You

o State of the market for energy information management software and services – energy in the age of "Big Data"

o Opportunities for district energy / utility operations

- o Introducing "smart" concepts, core technologies, and components – what the future looks like

- o Moving from concept to practical implementation

- o The importance of pairing technology with service

o Real case studies and best practices

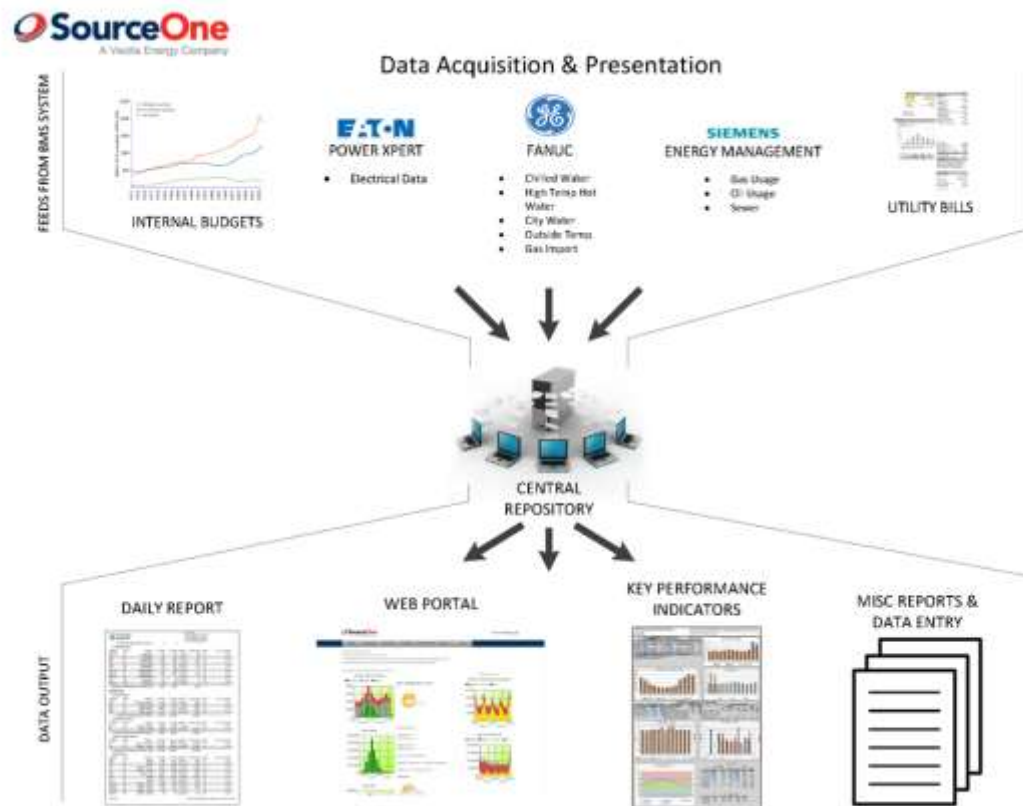# *"Without data you're just another person with an opinion."*

-    **W. Edwards Deming**

Energy Information Management
State of the Market

Progressive movement towards information transparency

Energy Information Management
Opportunities for District Energy / Utility Operations

Future is now leveraging information transparency and enhanced connectivity to actually make utility operations "smarter"

Energy Efficiency – End Users & Equipment Level

Demand Side Operations / Demand Response

Supply Side Operations / Intelligence

Asset Management / Predictive Maintenance

Energy Information Management
Opportunities for District Energy / Utility Operations

Moving from concept to practical implementation

- Business Concept Development

    - *Identify specific fit / need for your organization*

- Solution Architecture / Technology Specification

- Integration & Data Management

- Operational Intelligence

    - Data does not have value unless turned into information

    - Information does not have value unless its made actionable

    - Technology needs to be paired with internal and/or external knowledge resources

Energy Information Management
Case Studes & Best Practices

The business needs drive the solution

Commercial

Residential

Campus / Mixed Use

Industrial

Municipal

Energy Information Management
Case Studes & Best Practices

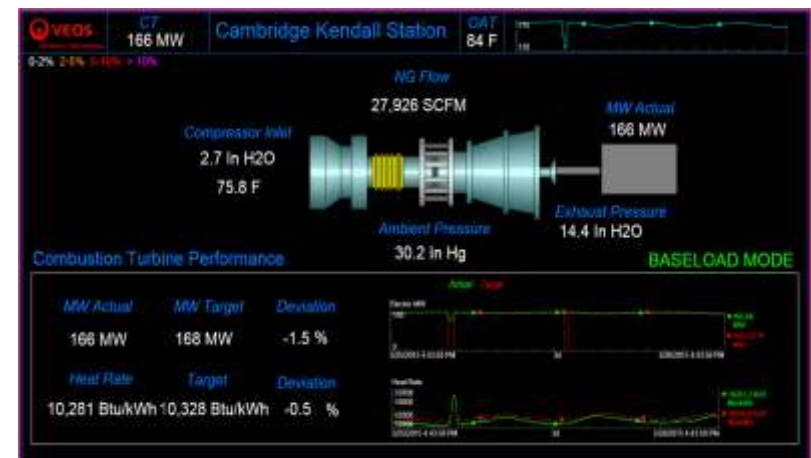Veolia LA District Energy System – Providing real-time information and transparency directly to end users

Veolia Energy Optimization System (VEOS)

Deploying real-time metering and advanced analytics to monitor and optimize efficiency of Veolia's largest District Energy plants

QUESTIONS

SourceOne, Inc.
Our experience: Provider of EMS dashboard, EMsys
A Veolia energy company
sourceone-energy.com