PowerLogic ION EEM 2012 Releases

ION EEM 4.0 and 4.0 R2

October 2012

Mike Schmitz, ION EEM Offer Manager

Schneider Electric

PowerLogic ION EEM

2012

Schneider Electric has released two new versions of EEM in 2012.

ION EEM v4.0 includes an enhanced UI, new modeling features and other significant enhancements.

ION EEM v4.0 R2 builds on this release by optimizing the analytics algorithms and user workflows to improve the responsiveness, scalability and performance of the system.

ION EEM 4.0:
March 2012

- and -

ION EEM 4.0 R2:
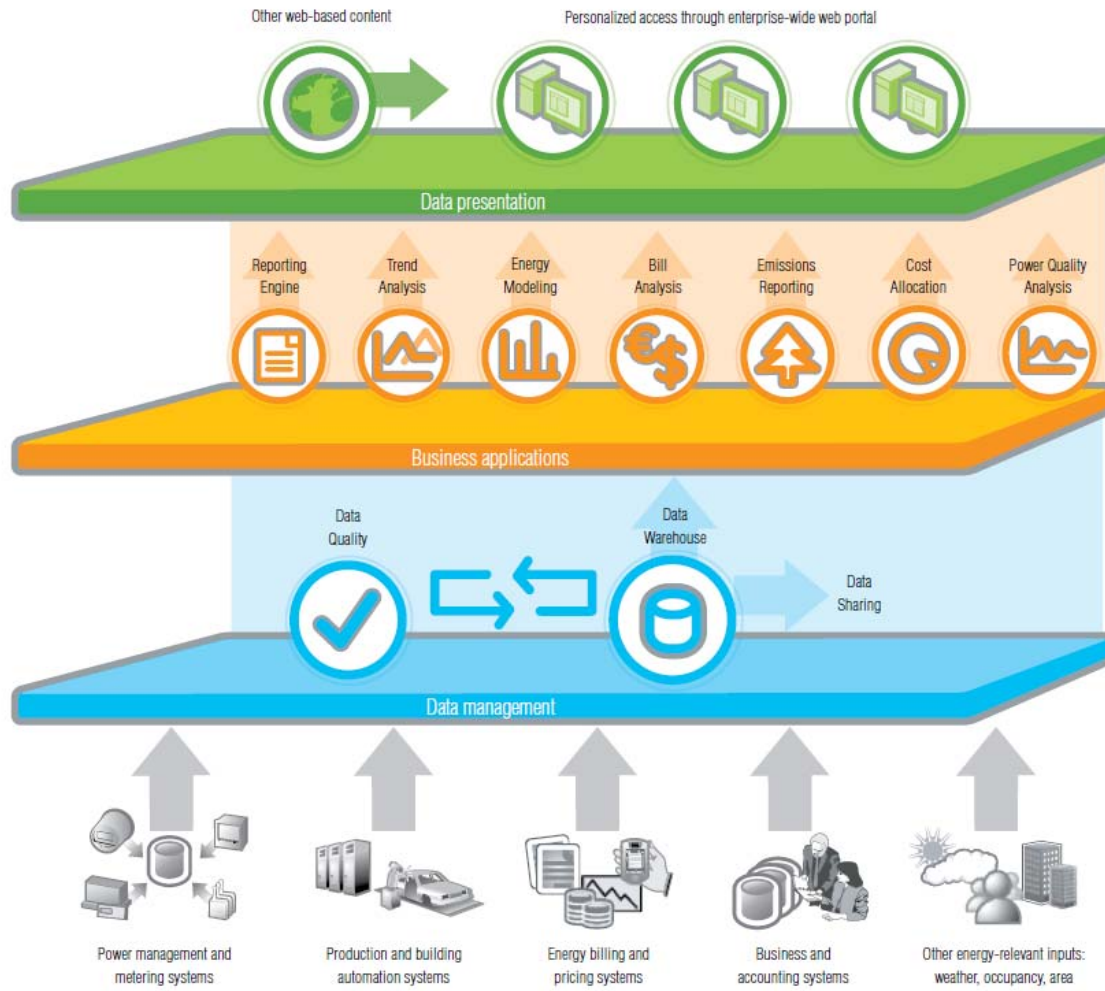North American Launch:
October 19, 2012

PowerLogic ION EEM

> UI refresh and workflow optimization

> Fully Redesigned Energy Modeling Interface

> Advanced Visualization Module

> New features: Trend reports, configurable dates, dashboard sharing

> Improved system performance and scalability

> Microsoft operating system and database system updates

Solution Layers

Enterprise software platform

Other web-based content | Personalized access through enterprise-wide web portal

Data presentation

Reporting Engine | Trend Analysis | Energy Modeling | Bill Analysis | Emissions Reporting | Cost Allocation | Power Quality Analysis

Business applications

Data Quality | Data Warehouse | Data Sharing

Data management

Power management and metering systems | Production and building automation systems | Energy billing and pricing systems | Business and accounting systems | Other energy-relevant inputs: weather, occupancy, area

Schneider Electric - Energy Management Information Systems and Services - Mike Schmitz

Presentation:
•Analytics: IE 7, 8 and 9
•AVM: all browsers + iPad

Modules:
•Improved scalability
•Faster workflows
•More efficient analytics

Data Platform:
•64-bit compatibility
•SQL Server 2008 R2
•Windows Server 2008 R2

EEM 4.0 and 4.0 R2 Releases
NEW FEATURES

NEW: User Interface

- Cleaner UI design

- Modernized color scheme

- All new modeling UI

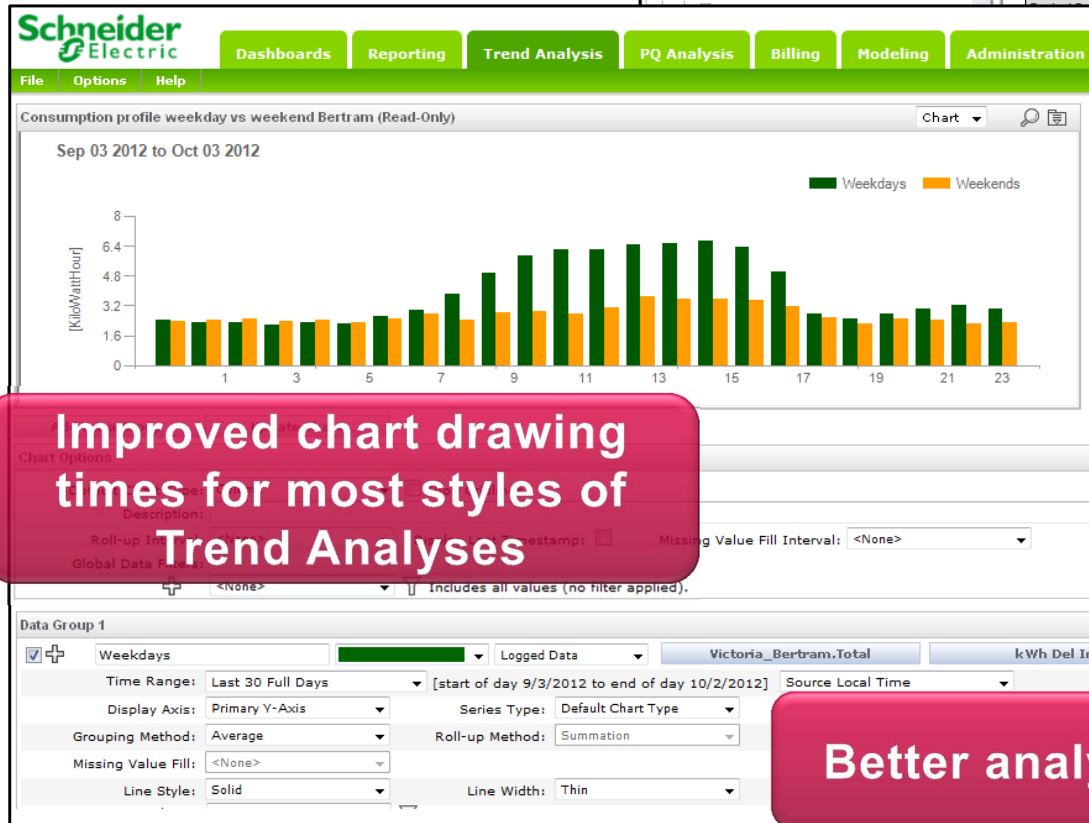# NEW: Workflow Enhancements

Smoother navigation within the application

Improved chart drawing times for most styles of Trend Analyses
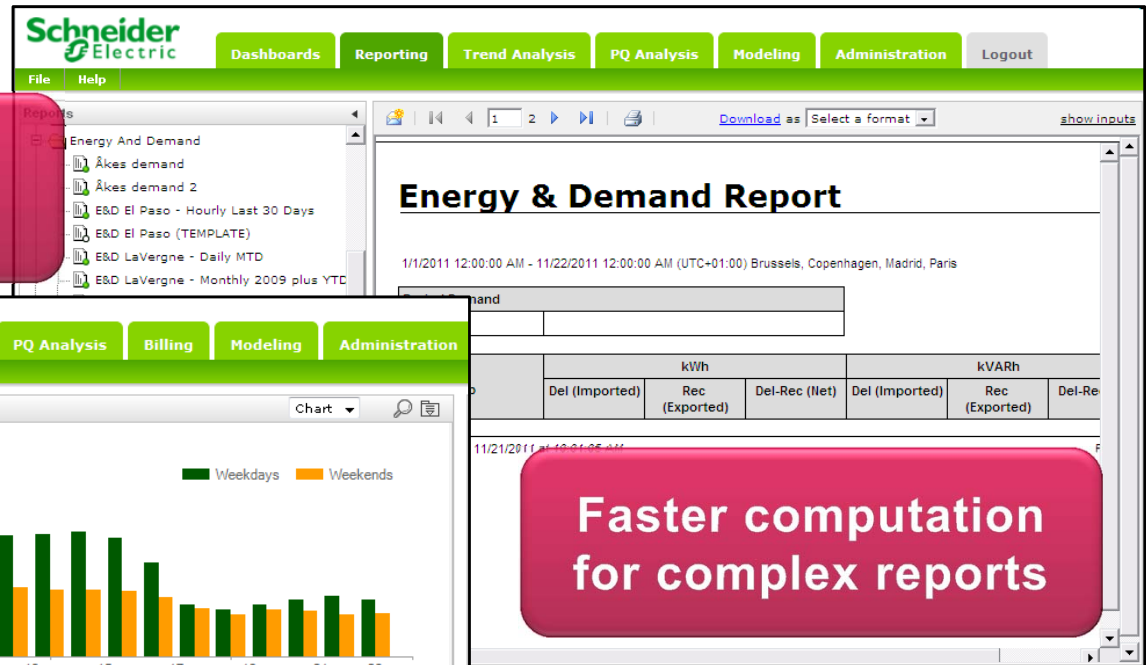
Faster computation for complex reports

Better analytics workflow

NEW: Configurable Date Ranges

Focus on Relevant Dates

- Use only the time ranges relevant to your organization

- Define specific ranges, for example:
  - Your utility billing period, the 23rd of the month, to the 22nd of the following month
  - Your fiscal year: Sept 1 to Aug 31

- Quickly tailor your queries to the times that matter to you.
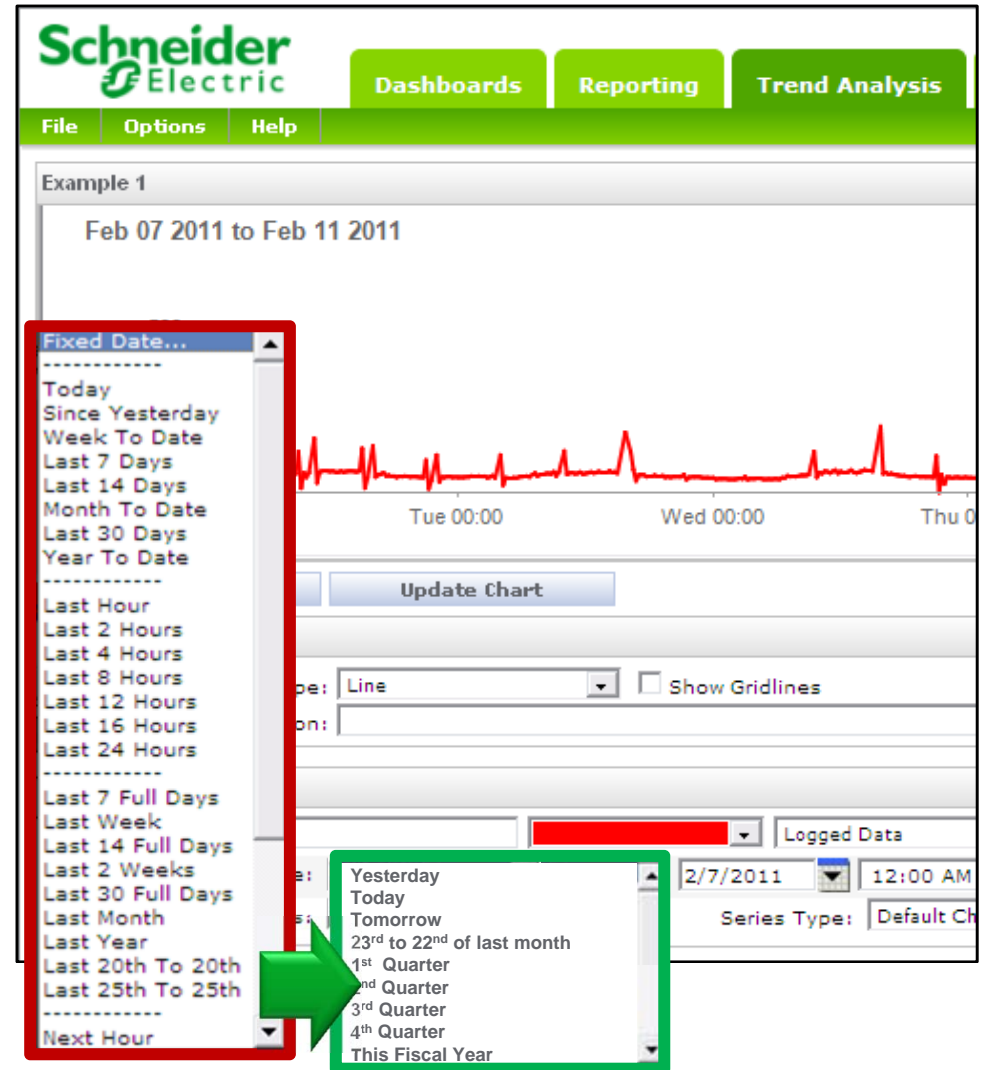
NEW: Scheduled Trends

Trend-Based Reports

- Turn an ad-hoc Trend Analysis page into a report

- Run the report on a schedule

- Email copies to key people

- Push your findings to non-system users
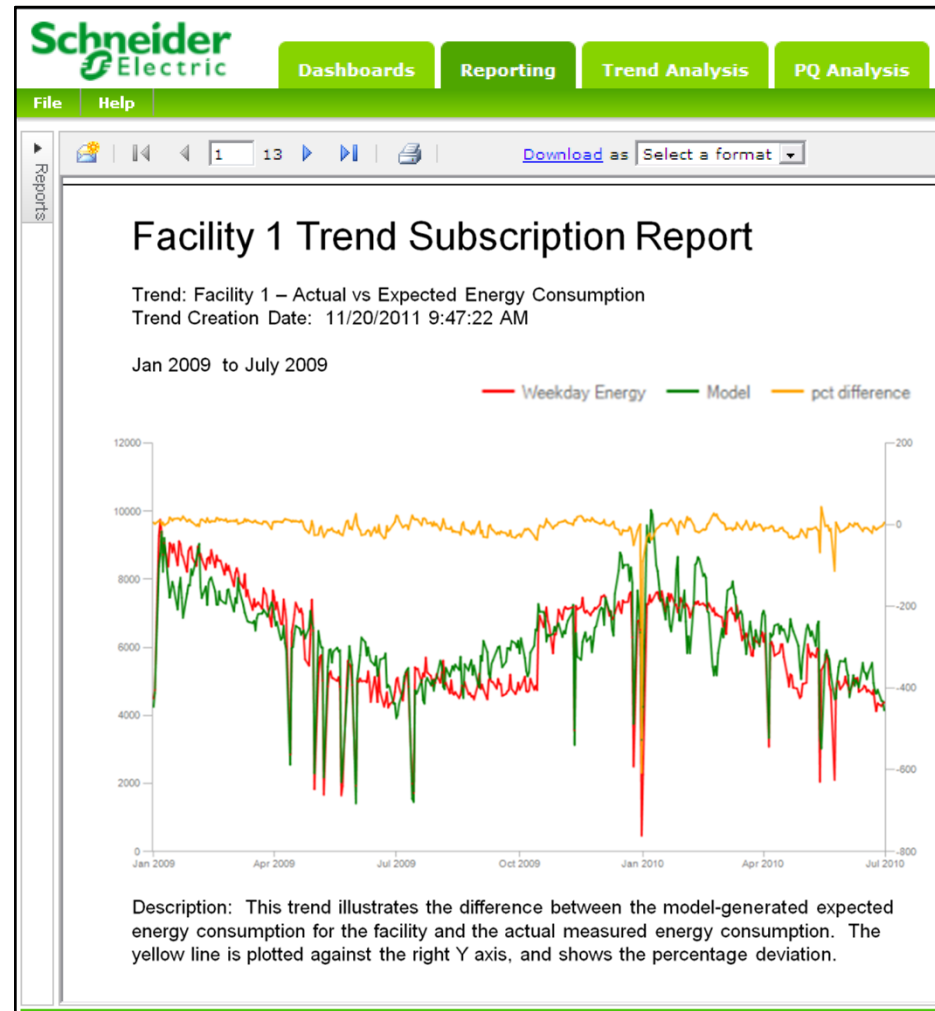
NEW: Dashboard Sharing

Pick and Choose the best content, then share it!

- Select from any user-created dashboard in the system
- Copy from one user to any other
- Roll out dashboard upgrades to users or groups
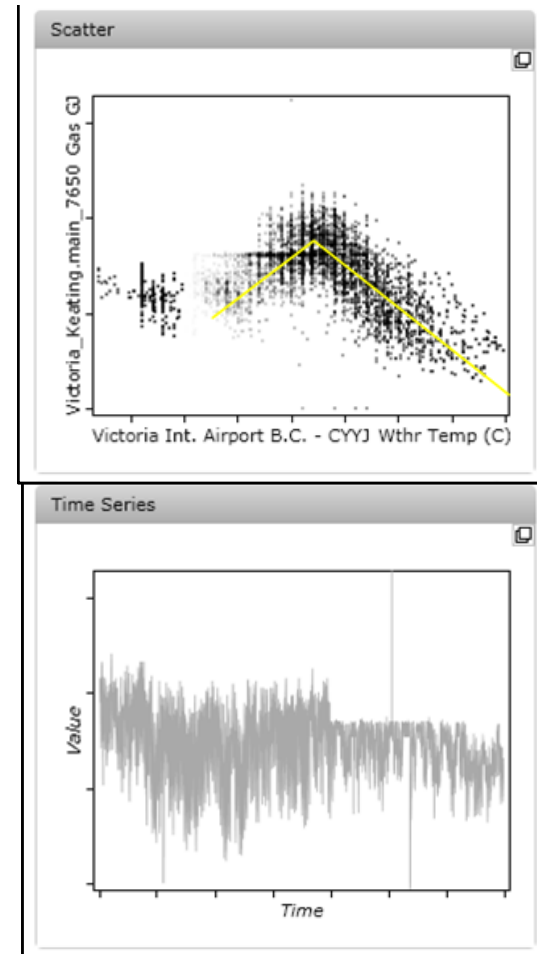
EEM 4.0 and 4.0 R2 Releases

ENERGY MODELING UPDATE

Energy Modeling Module Enhancements

> **Major Update:**
> **Energy Modeling Usability**

- Totally new workflow
- Improved data visualization
- Supports IPMVP style Measurement and Verification
- Create *targets* as well as *models*
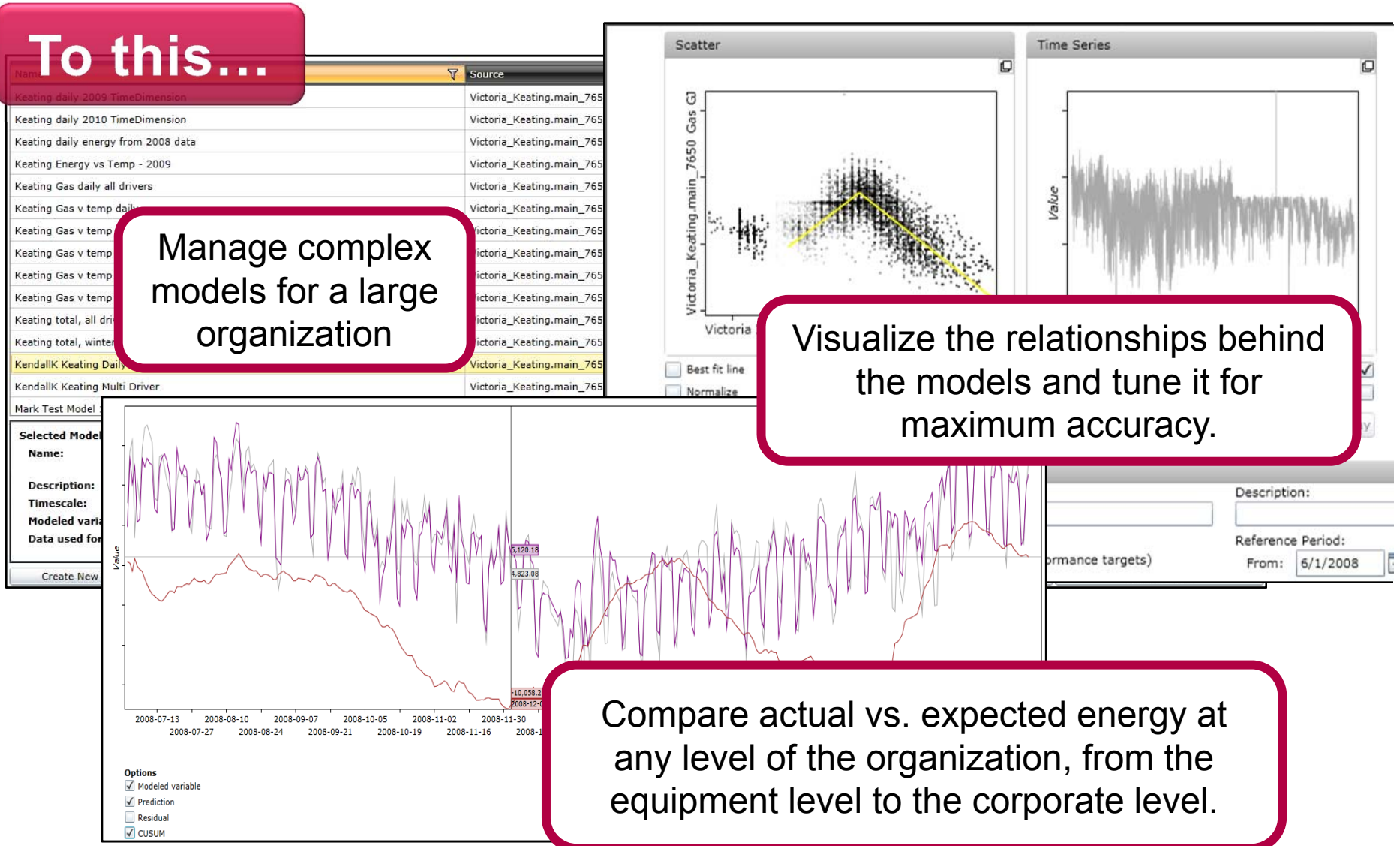
Energy Modeling: UI Updates

Energy Modeling: Advanced Features

To this...
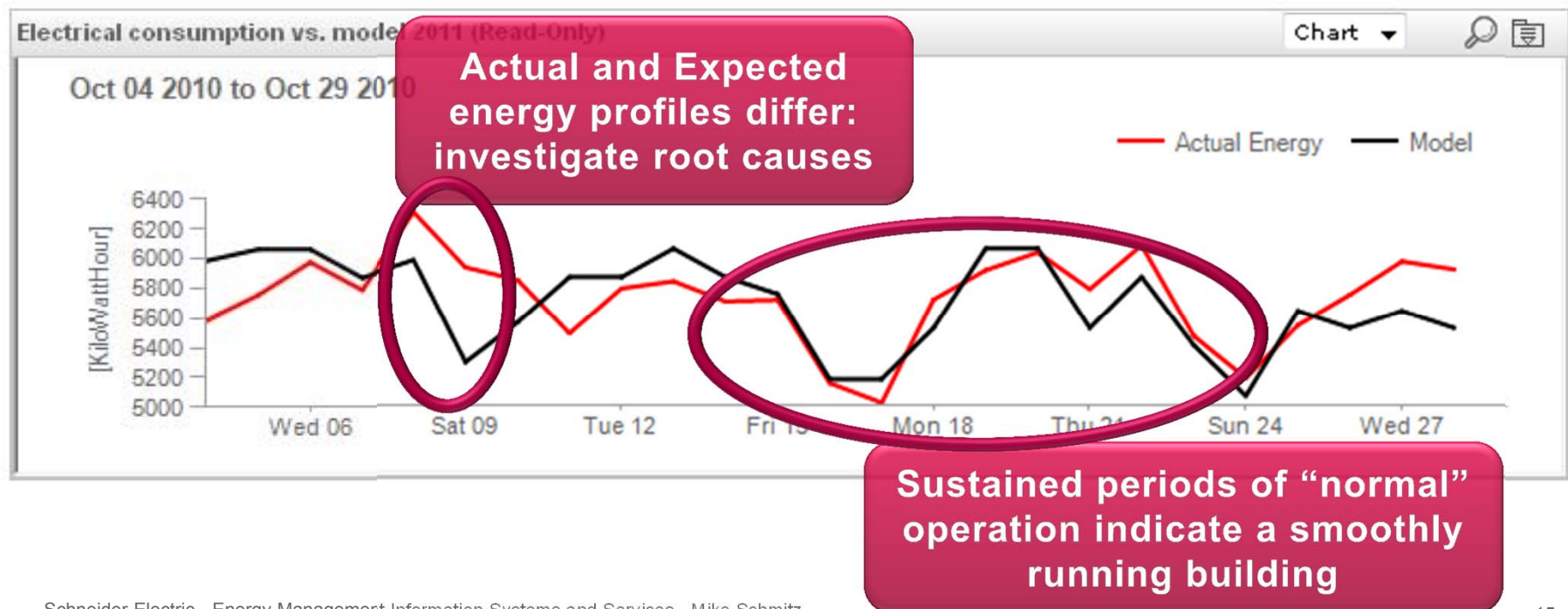
Manage complex models for a large organization

Visualize the relationships behind the models and tune it for maximum accuracy.

Compare actual vs. expected energy at any level of the organization, from the equipment level to the corporate level.

Energy Modeling: Goals

- Build accurate baselines for your buildings
- Remove the effects of weather to reveal true performance
- Flag unexpected changes in your operation's efficiency
- Measure the savings gained by your Energy Conservation Measures

Electrical consumption vs. model 2011 (Read-Only)

Chart ▾

Oct 04 2010 to Oct 29 2010

Actual and Expected energy profiles differ: investigate root causes

— Actual Energy   — Model

Sustained periods of "normal" operation indicate a smoothly running building

EEM 4.0 and 4.0 R2 Releases

ADVANCED VISUALIZATION

Advanced Visualization Module

(US and Canada only)

- Toolkit designed to provide cutting-edge graphics visualization to EEM

- Energy data comes alive in meaningful ways, driving behavior change and decision making
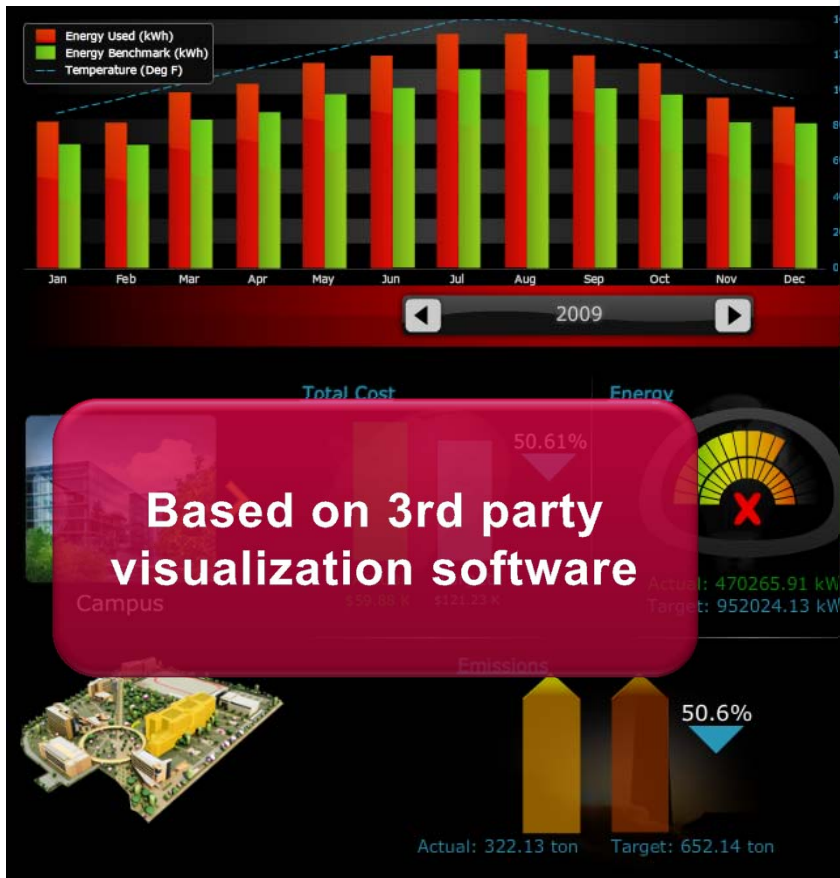
- Makes each ION EEM project a showcase
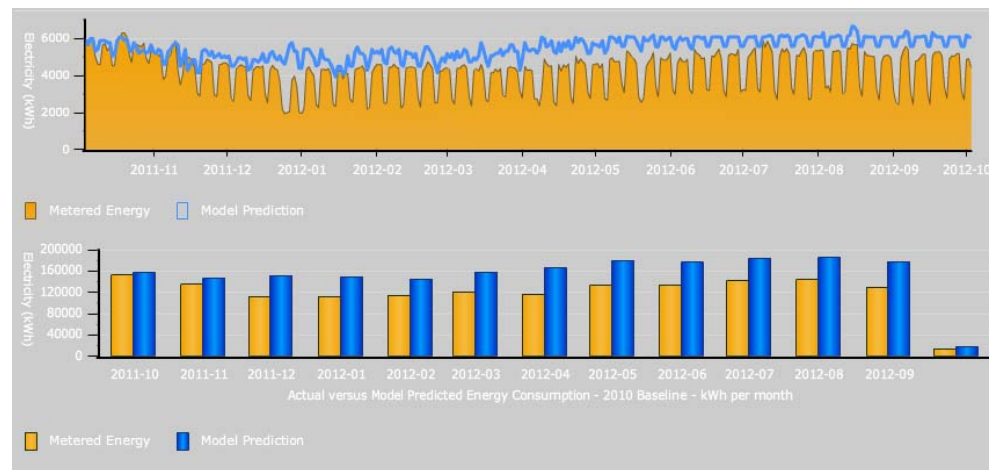
Advanced Visualization Module
(US and Canada only)

- **Plug and Play**: Simple install (no need for complex configuration)

- **Accessible**: Runs in any flash enabled browser (IE, Safari, Firefox, Chrome, etc..)

- **Flash-Based**: Includes dynamic effects such as drag-and-drop, tool-tips, animations.

- **Codeless implementation**: use widgets, views, behaviors and image properties for all animation

- **Lightweight**: no additional software to install or databases to manage

Advanced Visualization Module
(US and Canada only)

Based on 3rd party visualization software

Licensed specifically to US and Canada

Advanced Visualization Module
(US and Canada only)

Tightly integrated with the EEM database and existing Trend Analyses

Expose the power of EEM analytics within a highly flexible display engine

PowerLogic ION EEM
2012 Releases

Questions?

Presented by: Michael Schmitz, ION EEM offer manager
Michael.Schmitz@schneider-electric.com

Schneider Electric