

### Why do we need them?



- Analyzing raw data can be tricky
- There is no way to know for sure if the value we read is rightful or not
- Exceptions gets forgotten and will not make sense a few months after the fact (Thanksgiving Monday)
  - Visually interlacing influencing factors is hard and inconclusive



# From: what influences my energy?











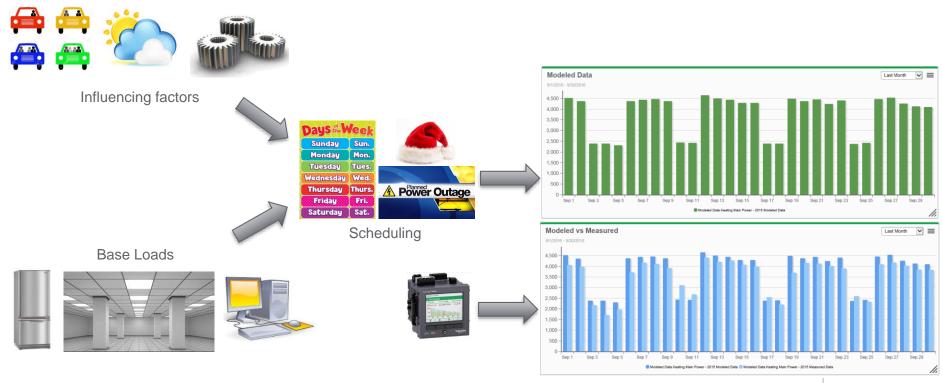




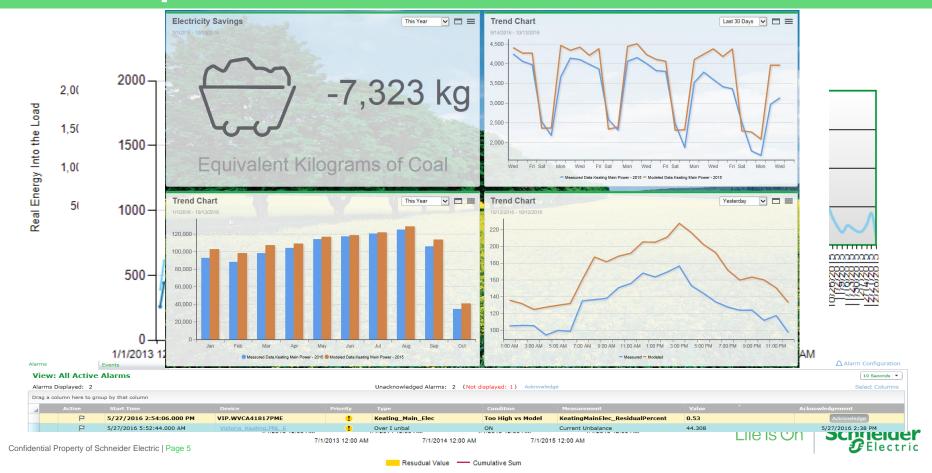




# To: lets create an energy model



### Example: BMS retrofit



### Benefits for you

- Understand better what influences your energy usage
- Quickly identify deviation from the optimum scenario
- Get automatically notified / alarmed if deviation is above a certain limit
- Quantify savings or losses brought up by any system/behavior change
- Integrate saving objectives into the models to drive for changes
- Meet the ISO 50001 standard thanks to the automated data collection and processing of models

Keep in mind that the models are as good as your data. Keep it clean and tidy!





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