

A photograph of a modern industrial building with a curved glass facade, reflecting the sky and clouds. The building is white and features several large cylindrical tanks and complex piping systems. The sky is bright blue with scattered white clouds.

Metering Data

- The drive behind effective energy management

AMR Metering Improves data granularity and visibility

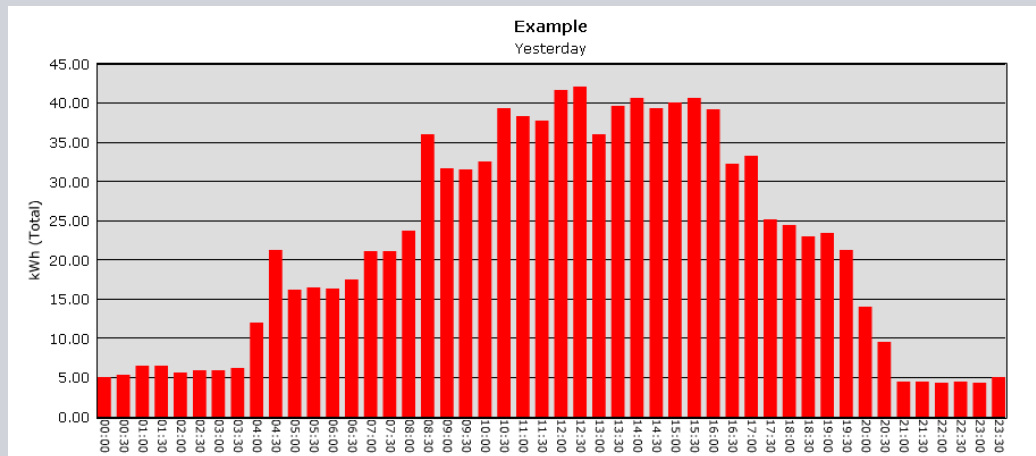
SIEMENS

Large customers with HH Meter – Use “Profile metering”

CRC “Early adoption Metric” driving “profile metering” into sites with lower consumption levels (<100kw / half hour)

Profile metering captures:

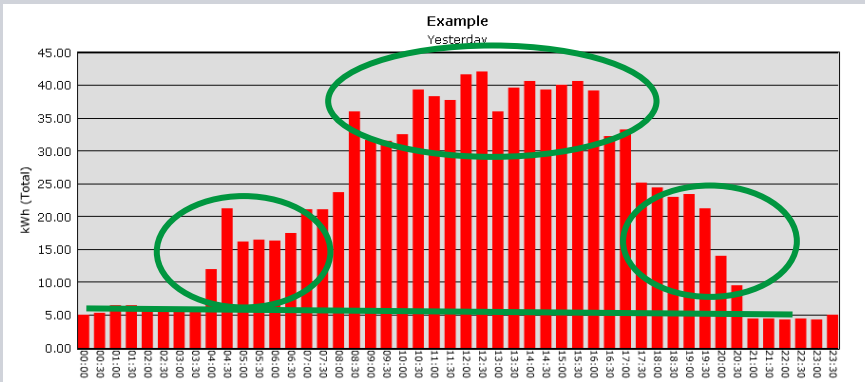
- Enhanced usage data on a frequent basis to create a usage profile
- Additional power information e.g Power factor
- Management of both import / export data
- Data collected daily and presented over web based browser or via email



Facilitates “Before”, “During” and “After” Monitoring

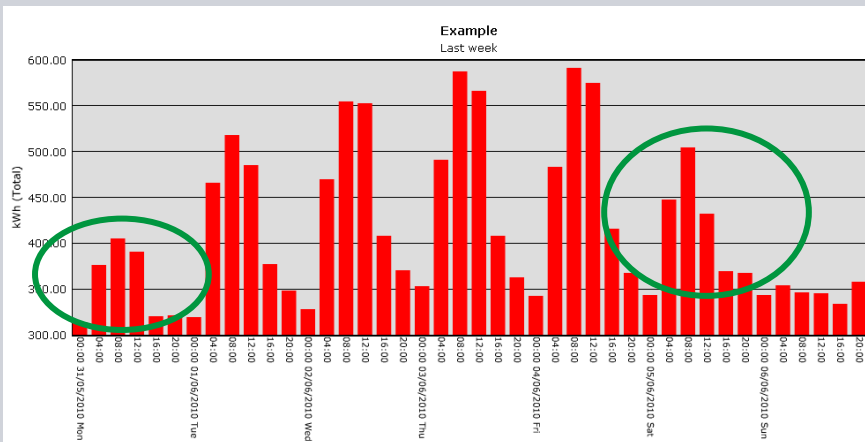
Initial analysis – “Before”

Daily (4 Point analysis)



- Base load – permanent load drivers
- Peak usage – Efficiency of current plant
- Shoulders – Identification of load matching to usage

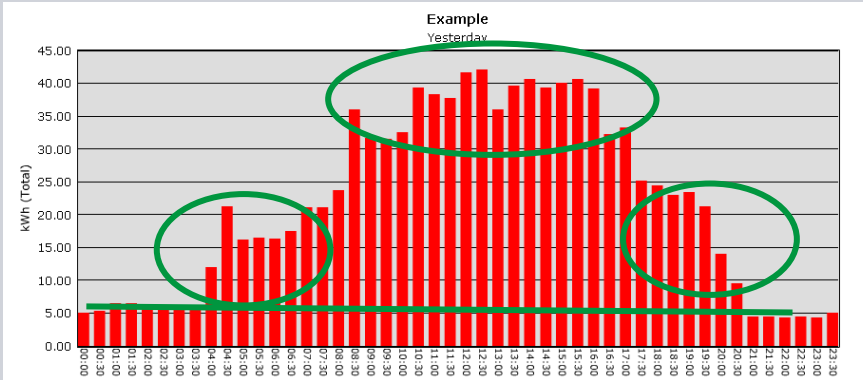
Weekly / Monthly / Annually (periodic anomalies)



- Bank holiday loads
- Weekend usage

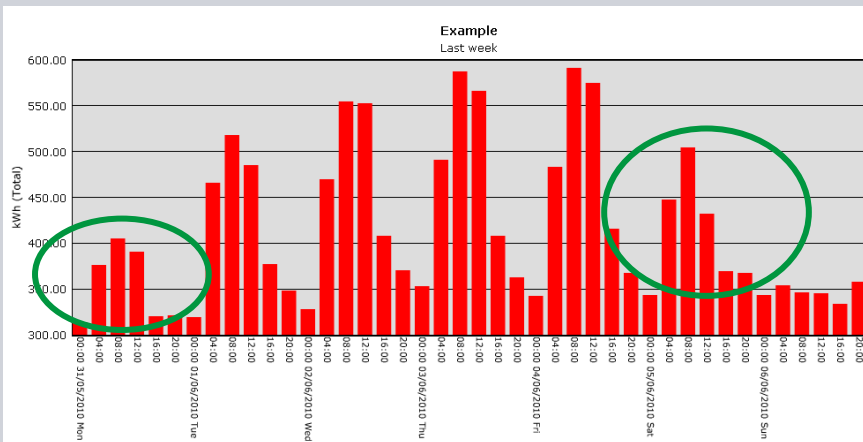
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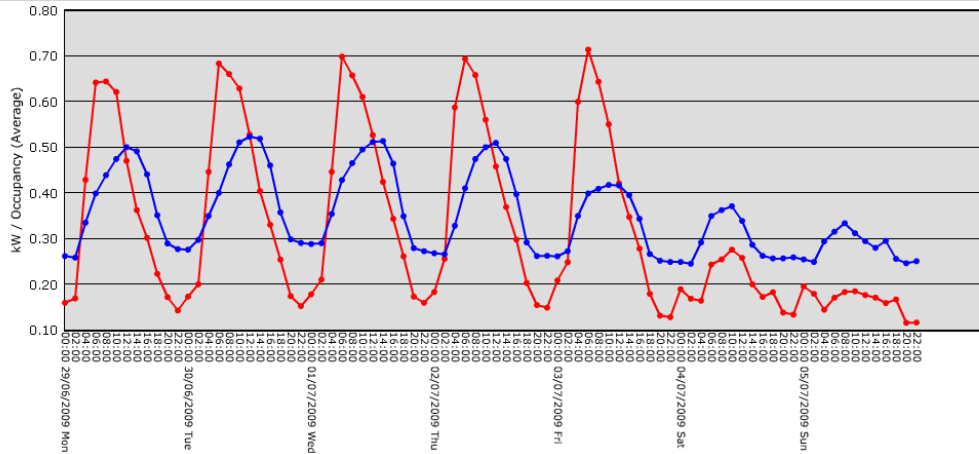
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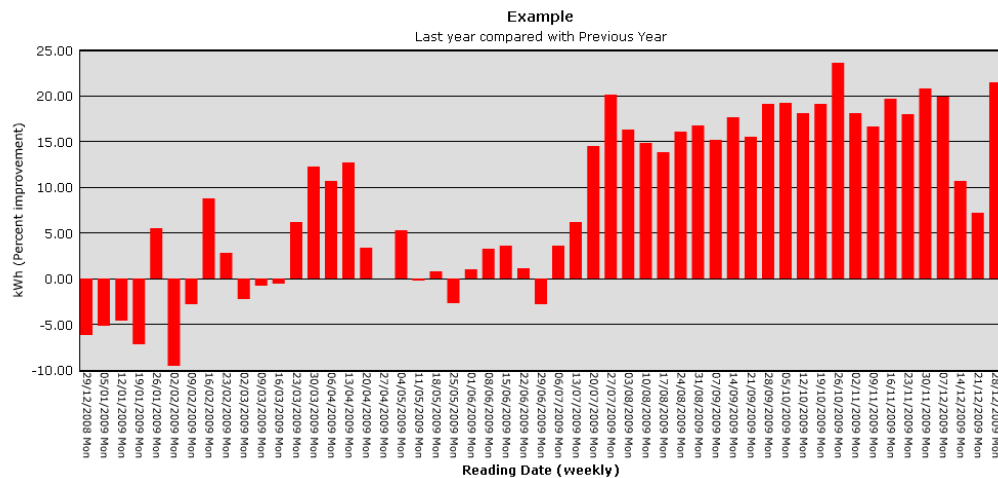
Establish alerts / triggers to warn of unusual usage

“During” / “After” monitoring



Comparisons between similar time periods . . .

Also useful to compare between similar sites



Tracks usage by percentage improvement.

Represent by energy, no of employees, m³ etc for comparison purposes

Thank You

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