kW powerful IQ intelligence ; fast

Why kWIQly, why now?

Retail Sector Sold on AI to Improve Energy Efficiency

16th May 2019

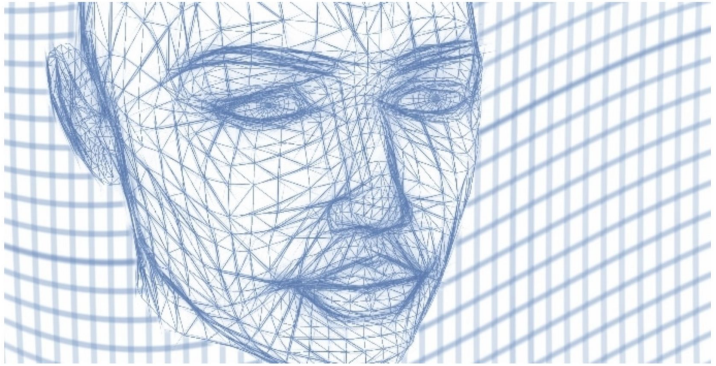
Retailers across Britain are turning to Artificial Intelligence (AI) to help transform their efficiency, improve their carbon footprint and reduce their operating costs.

Central England Co-operative, which runs stores across the Midlands and East Anglia to go beyond consumption analytics towards a system that progressively 'learns' wha performance looks like in each of its retail outlets.

Over a three-month trial led by AMRdna, an Energy Assets service, the Central Englan operativeproject generated a 206% return on investment by identifying and eradicati and implementing evidence-based efficiency strategies.

British universities turn to AI to improve energy efficiency

Universities across Britain are to start employing artificial intelligence in a bid to cut energy costs in buildings by as much as 30 per cent



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Merton Council – Why We Chose AI to Cut Energy Waste

Content / Energy Management / Merton Council – Why We Chose AI to Cut Energy Waste

on has identified energy waste valued at £25,000 using a new

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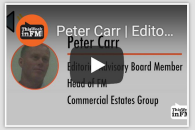

Peter is an industry innovator, leading and developing FM and Surveying groups within the Corporate and Investor Property markets, both in the UK and Internationally. Learn More About Peter.

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kWIQly

As AI and data-science start to impact energy management

change is
both inevitable and desirable !

Pattern recognition and AI systems have been around for years (self driving cars) kWIQly is now using them for energy management.

Background

The Situation

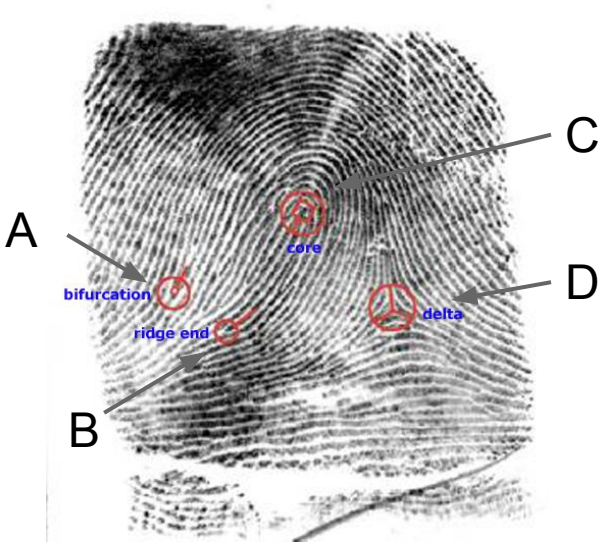
- Data has been logged for years
- Viewing portals are common
- Energy services available

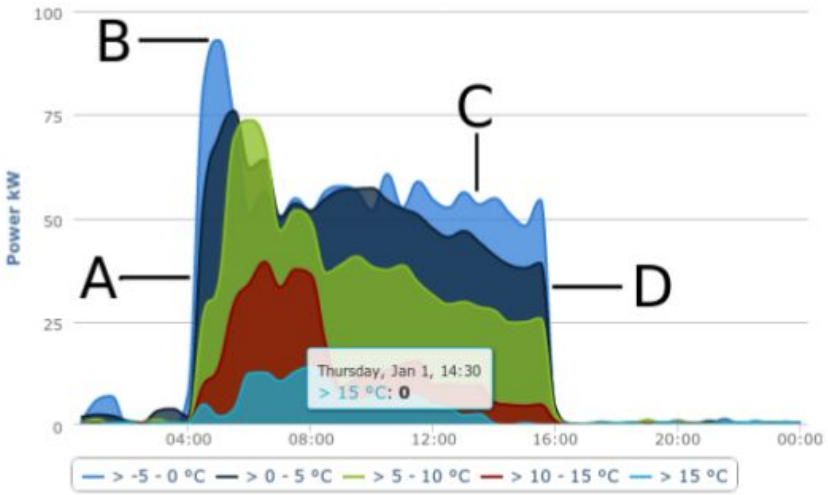
The Problem we face

- Big Data cannot be interpreted by humans
- Weather services are expensive
- Manual interpretation is time consuming / expensive

Artificial Intelligence searches for Issues

kWIQly's software searches for fingerprints (like the police) within energy data finding patterns that correspond to real life issues





kWIQly AI tracks all sites constantly monitoring them for changes in performance

Three ways we analyse

Past performance

We look how the building has performed in the past and see if it is deviating from its usual performance

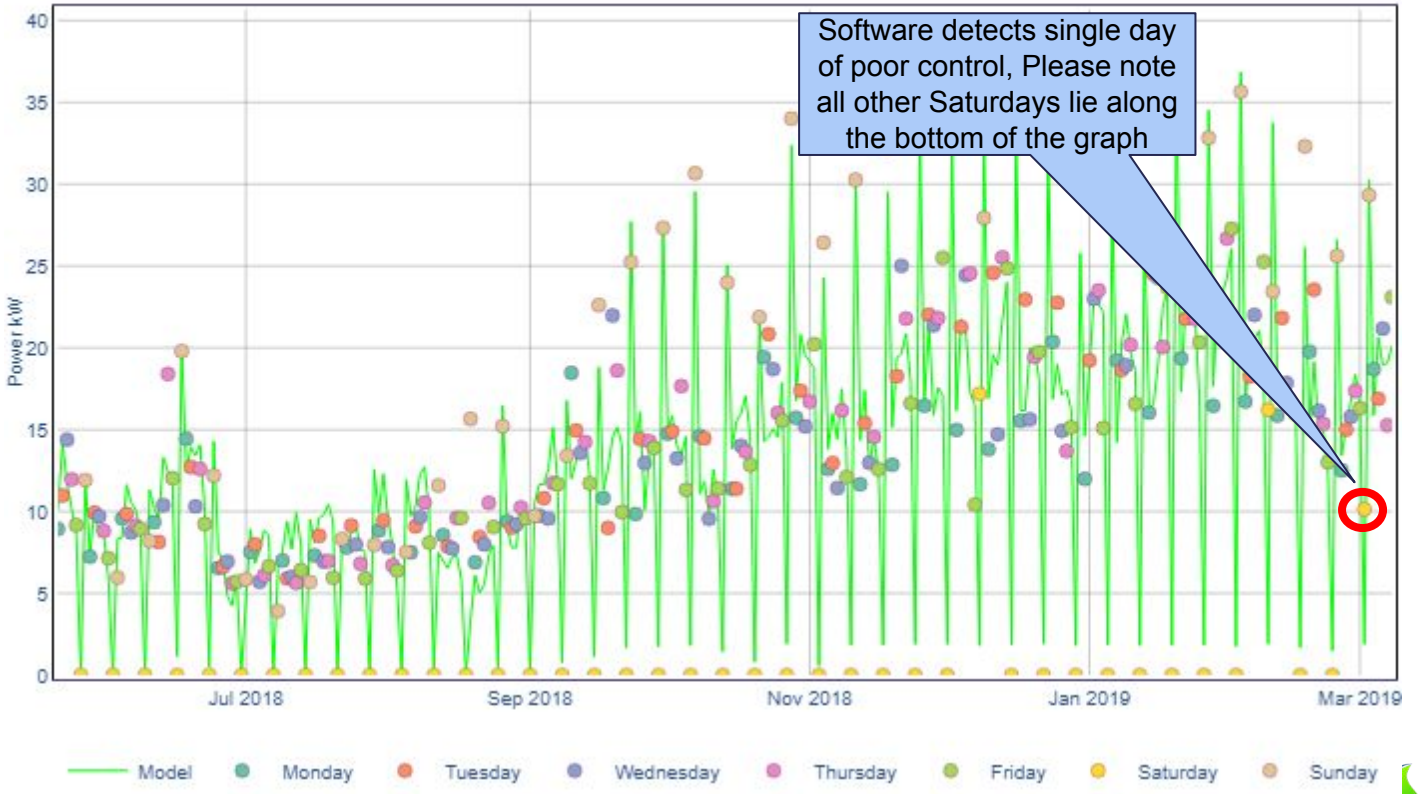
Peer performance

Is the building doing as well as other similar buildings

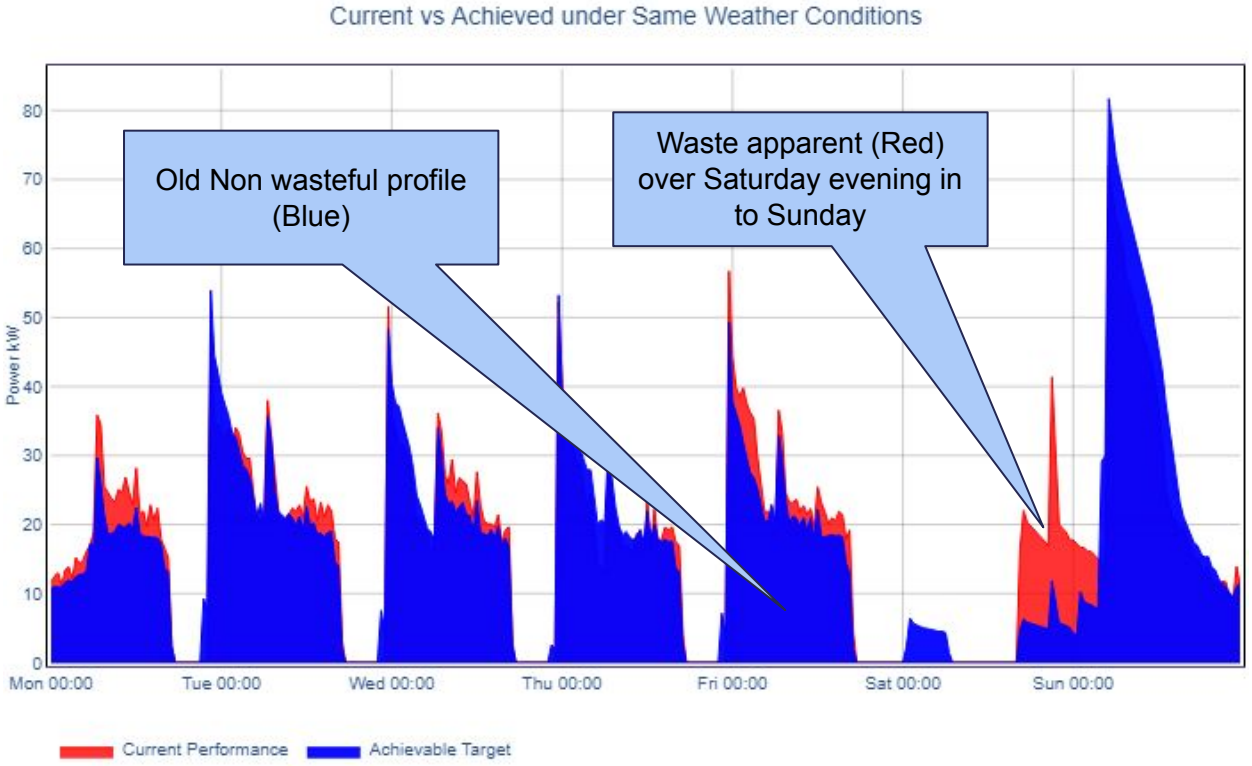
Improved performance

Can the buildings control technique be improved

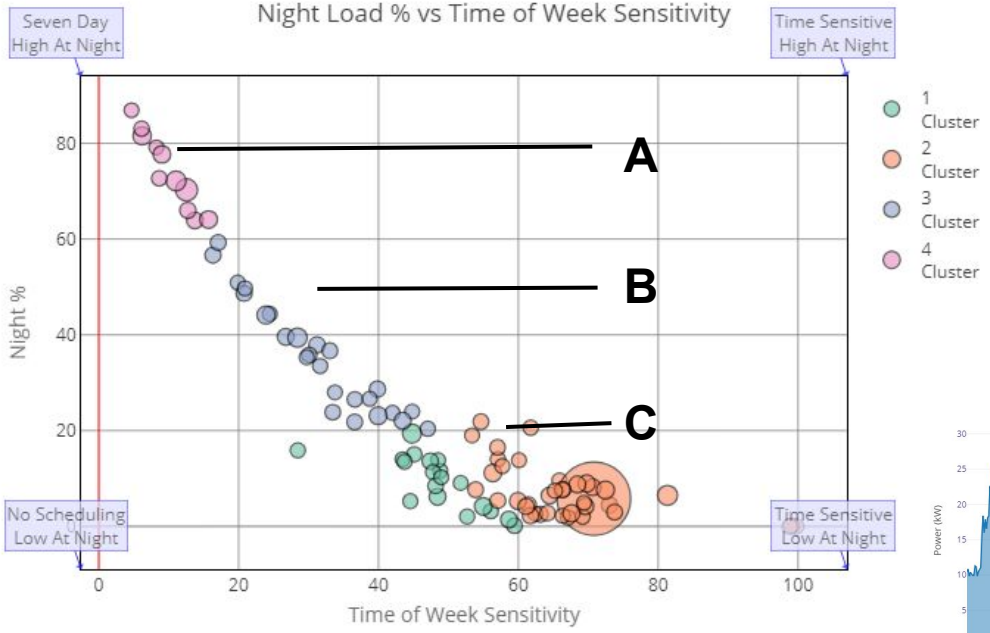
Tracks and forecasts



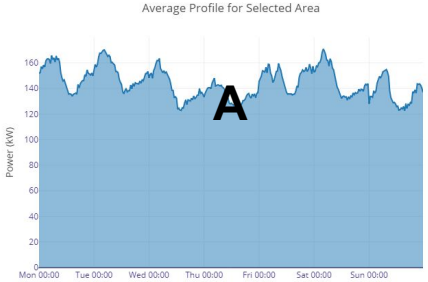
Picks up on the smallest details

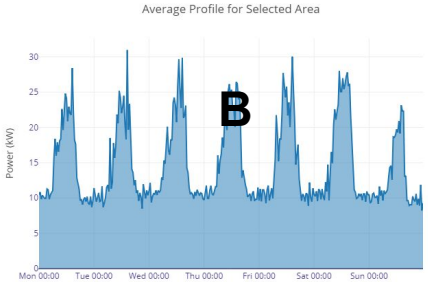


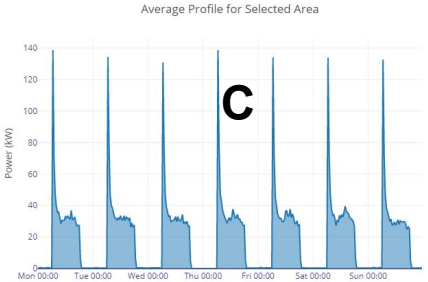
Improved Performance



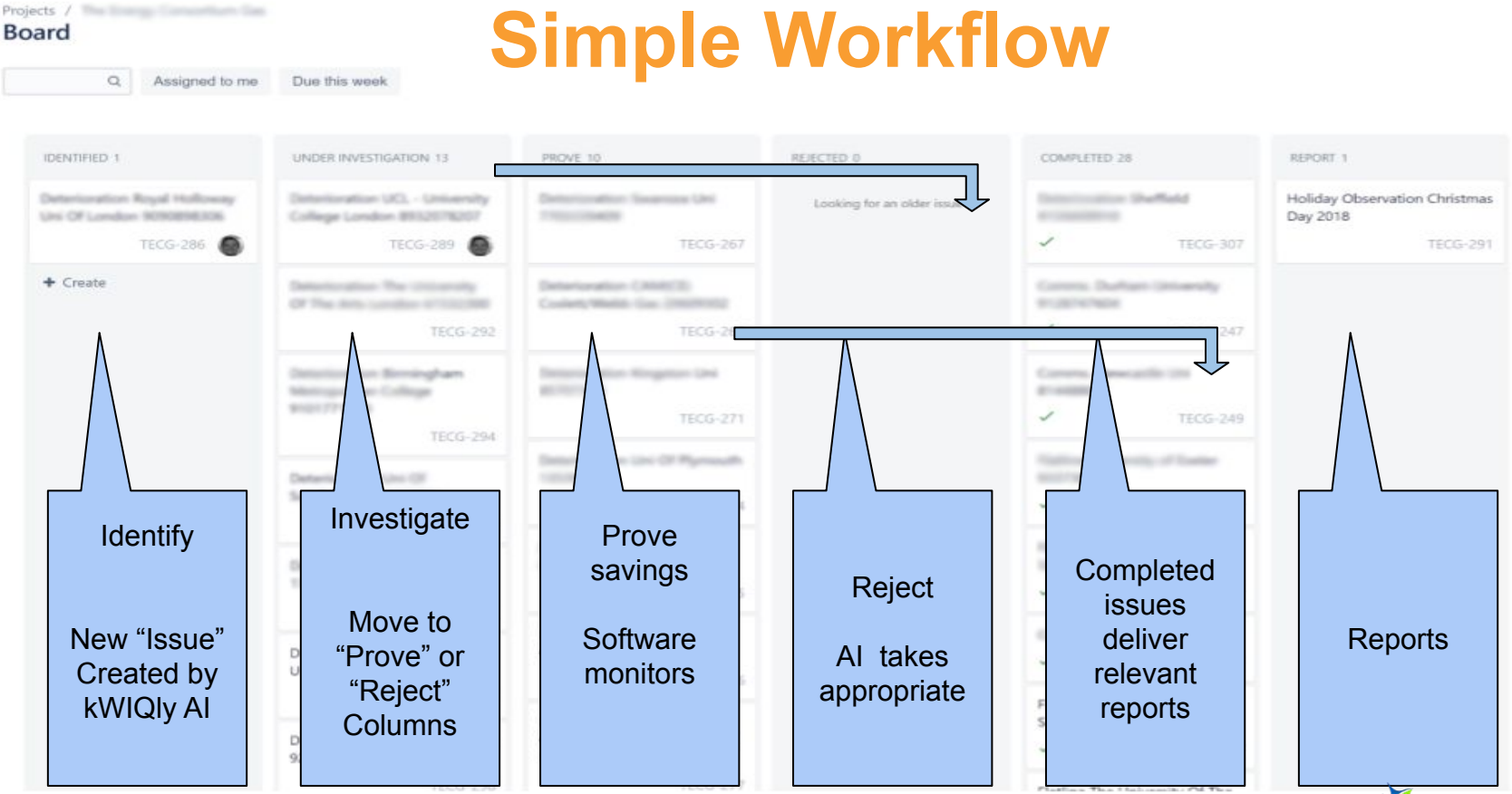
Overnight turndown KPI







Simple Workflow



The Opportunity

- Typical savings opportunity 25% Gas
- Between 7.5% and 15% power.

The Outcomes

- Making use of existing asset (Data)
- Saving staff time and energy overheads

How it works

kWIQly software find sites with savings opportunities and adds them to a easy to use workflow

Thank you : For further information please contact

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