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ENERGY & EDUCATION CONNECTED

Winter Gas Usage Webinar

Wednesday 12th October

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Agenda

- Introduction – Ian Swaine, TEC
- Gas & Power Market Update– Duncan Wyatt, TEC
- Winter Gas Usage Presentation – George Catto - kWIQly
- Q&A Session

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Housekeeping

To help keep background noise to a minimum, we have muted your microphones for this session

Please direct all questions via the chat function so we can ensure all are collated and answered in the Q&A session at the end of the webinar

The webinar will be recorded and made available post event

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WINTER GAS USAGE WEBINAR

12TH OCTOBER 2022

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GAS & POWER MARKET UPDATE:

Simultaneous Crises in Gas and Power

Gas

- Nord Stream 1 and 2. Both pipes were off, but are now seriously damaged in any case. NS 2 "B" may be able to flow…
- EU gas storage. Inventories had been growing. Targets have now broadly been met, giving comfort to the market.
- Europe has been importing a lot of LNG, and will need to keep doing so. Global supplies exist, but our market price needs to attract cargoes.
- Right now, LNG demand is weak in Asia on mild weather, reducing competition for spot cargoes.
- Really need normal weather or better.

Power

- French government encouraging EdF to accelerate nuclear returns through increasing acceptable dosing levels. Situation ongoing.
- UK power system potentially vulnerable to cold, combined with low wind. National Grid stated blackouts are unlikely, and not present in most scenarios.
- More gas burn in power generation expected to offset demand destruction in UK (National Grid). Overall, demand destruction in Europe is expected to be more meaningful.
- Some policy disagreements across the EU
    - Capping wholesale gas prices… the debate continues
    - Mandated targets for demand reduction
    - Policy uncertainty could be affecting liquidity

Most analysts expect Europe to get through this winter… concerned about next

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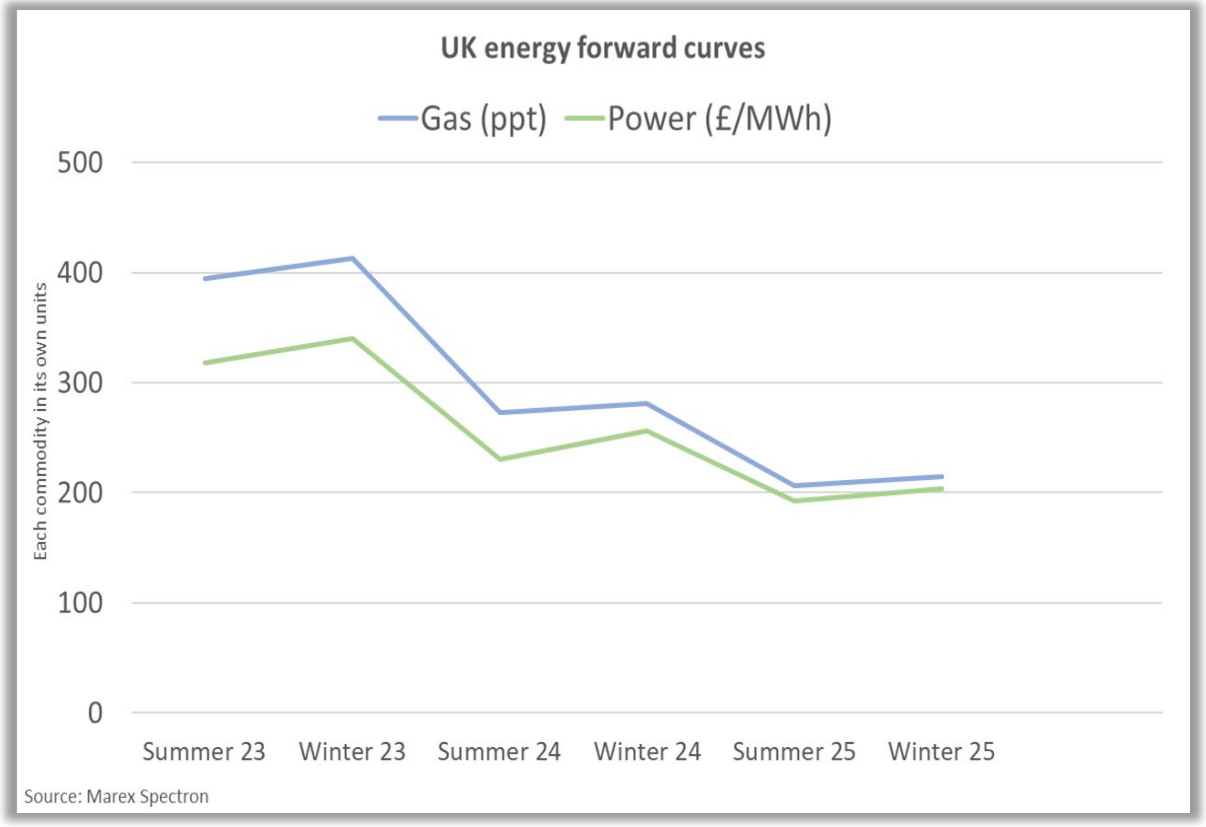
GAS & POWER MARKET UPDATE:

Simultaneous Crises in Gas and Power



High prices are built in for some time to come

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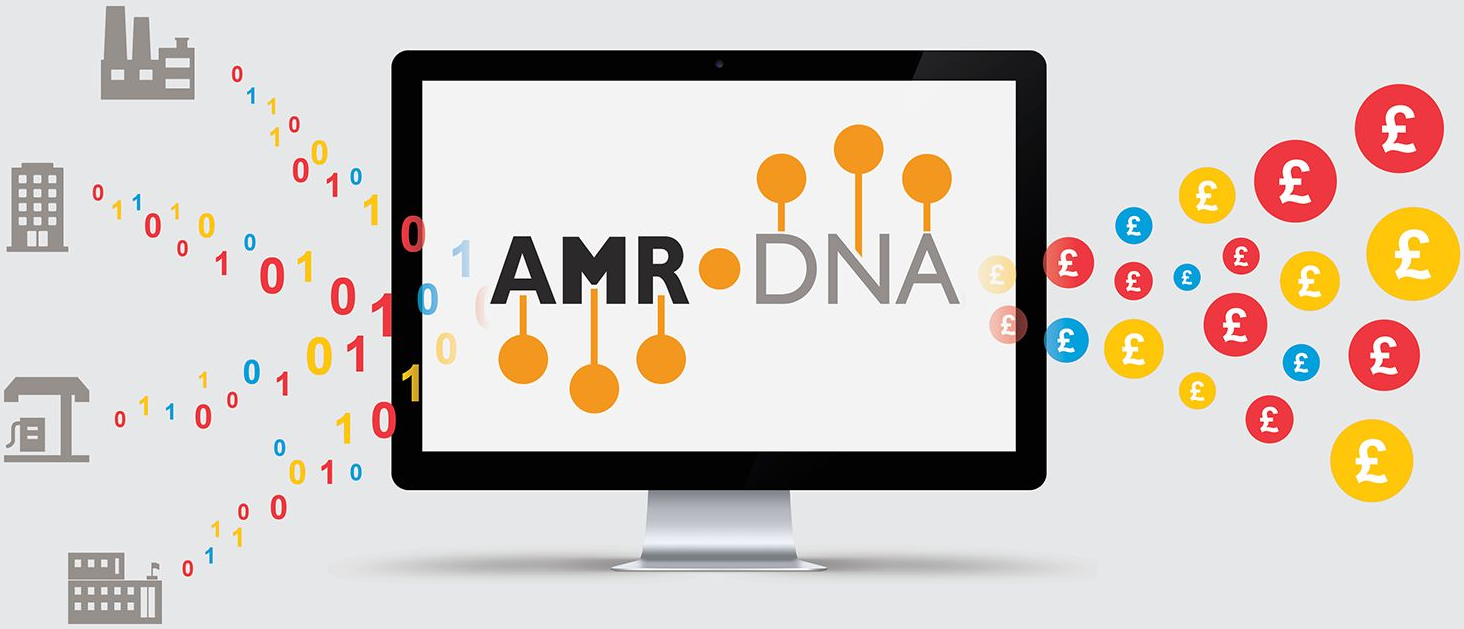


Powered by kWIQly

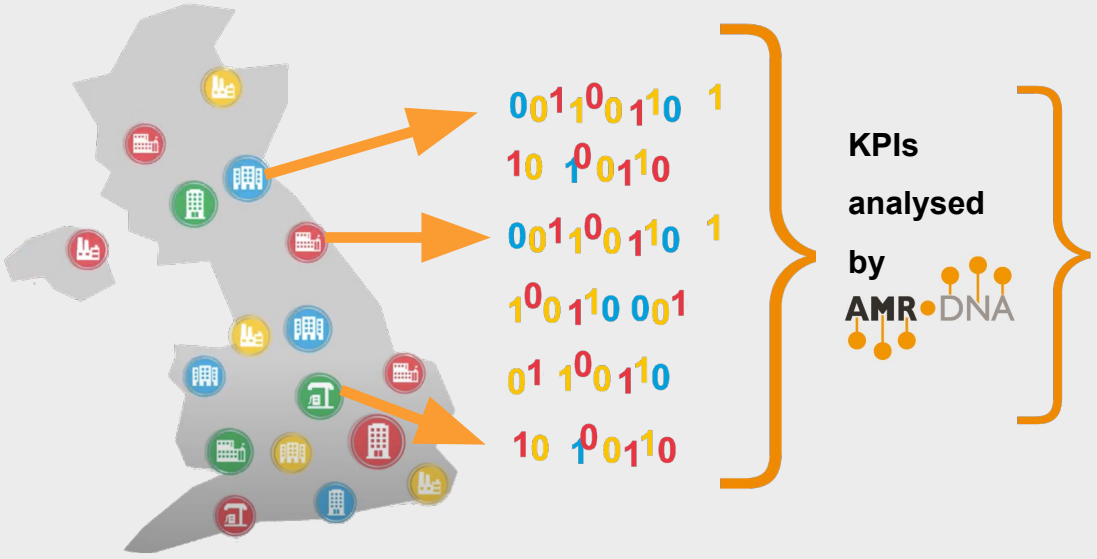
Winter Gas Usage

ENERGY assets

The Problem Energy Managers face

- Big data cannot be interpreted by humans.
- Weather services are expensive.
- Manual interpretation is time consuming and expensive.

How the AI Solution works



KPIs analysed by AMR•DNA

Gives you your number one priority

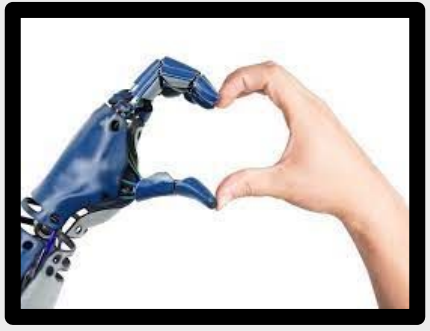
The Artificial Intelligence solution

Find opportunity, offer diagnosis

Suggest

Validate, take action, feedback

Learn



POLL 1

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

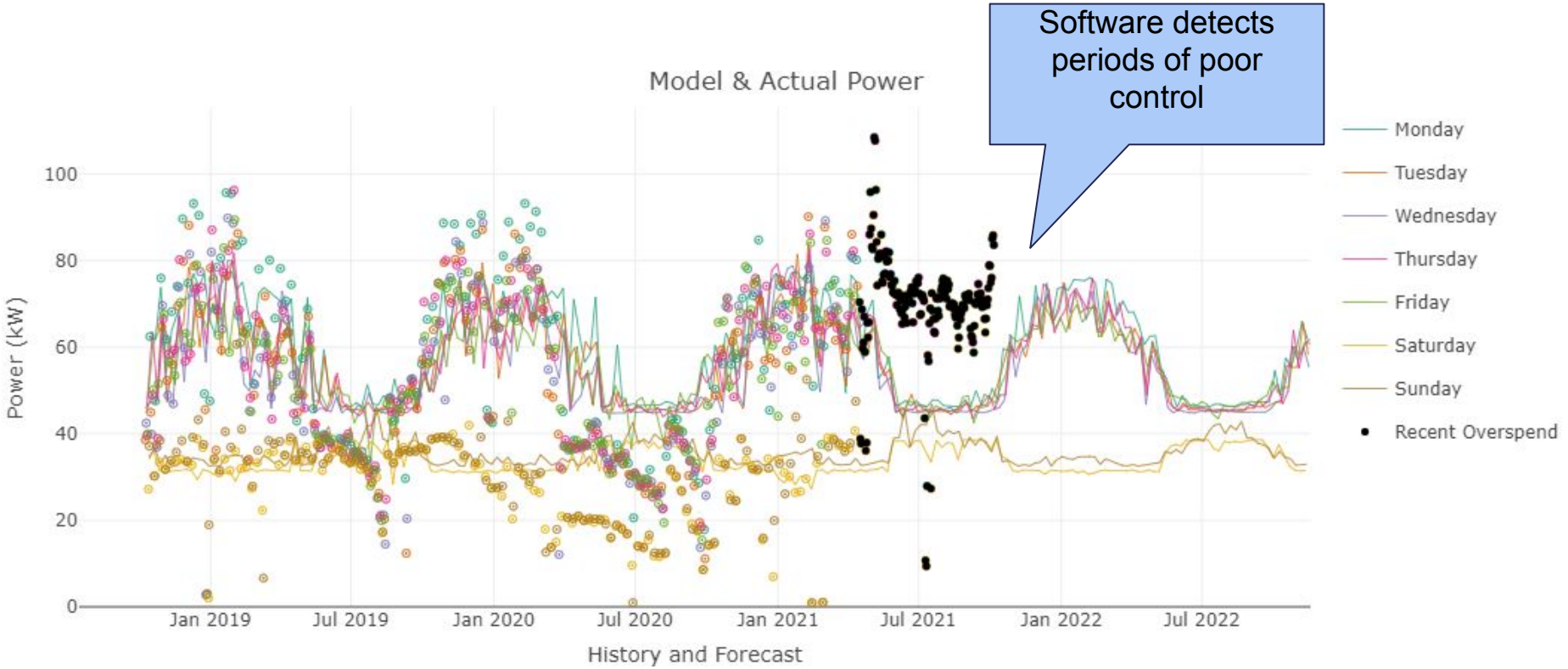
Peer performance

Is the building doing as well as other similar buildings

Improved performance

Can the buildings control technique be improved

Tracks and forecasts



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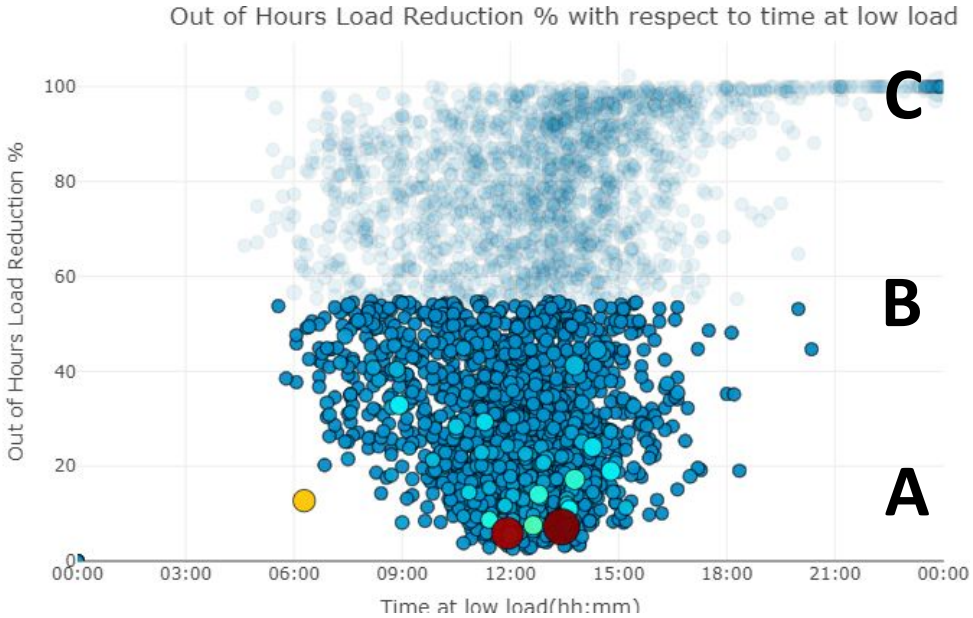
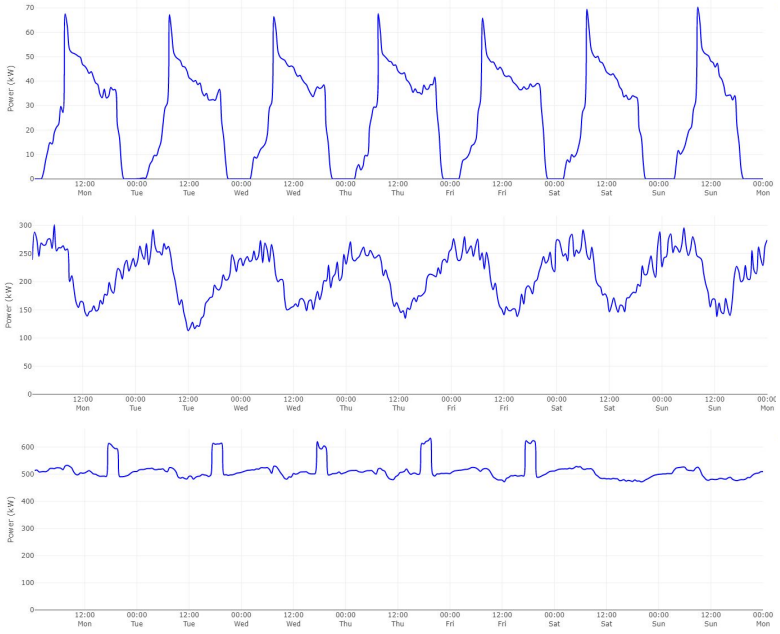
Picks up on the smallest details

POLL 2

TEC Turndown

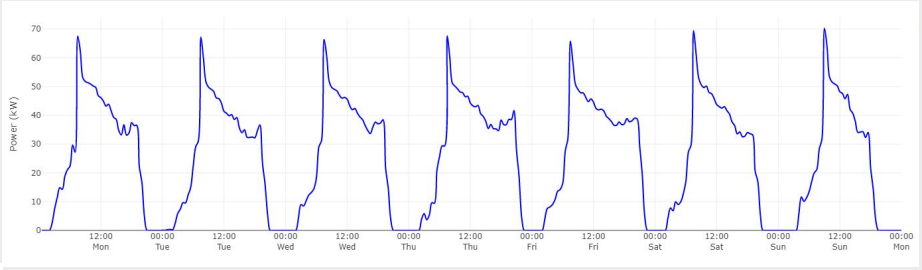
Saving potential of £6,000,000 pa could be achieved (3p per kWh) if all buildings that do not turn consumption down to 50% overnight were to do so.

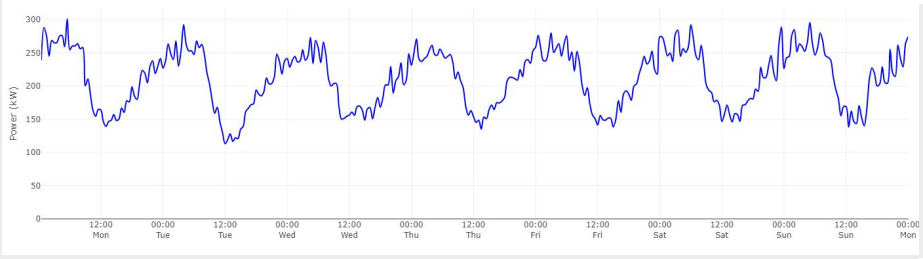




TEC Turndown

40 % turndown more than 33%





26% turndown 33% - 66%

33% turndown less than 66%

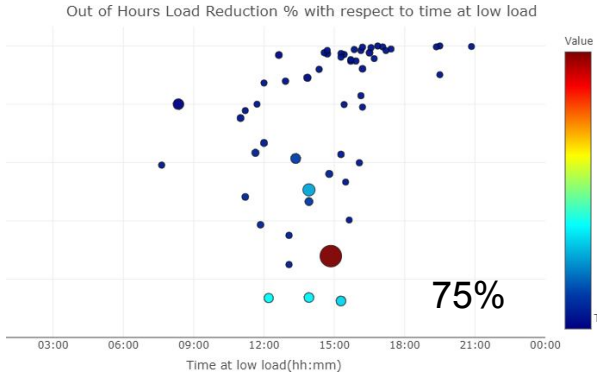
Examples from other Industries

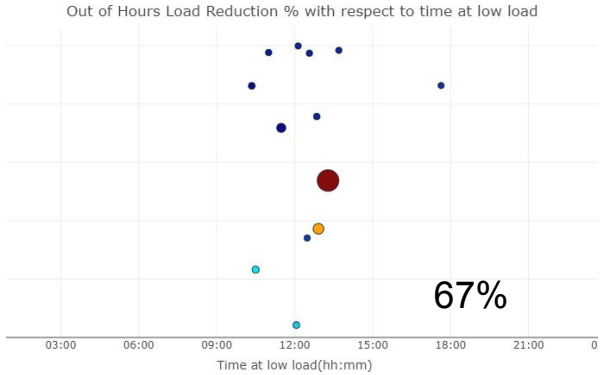
Retail achieves 90 % turndown

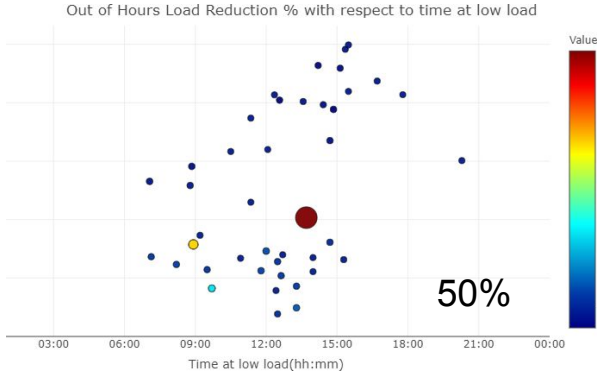
Councils achieve 64% turndown

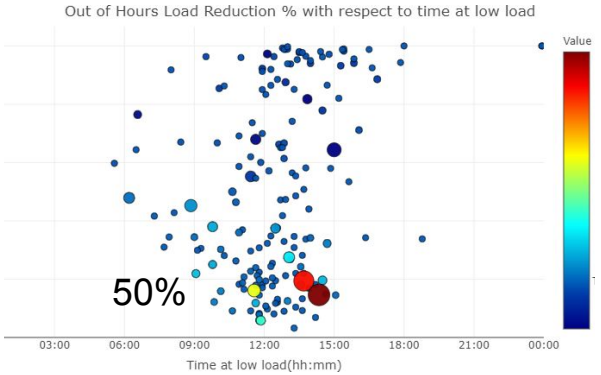
Pubs and Inns achieve 61%

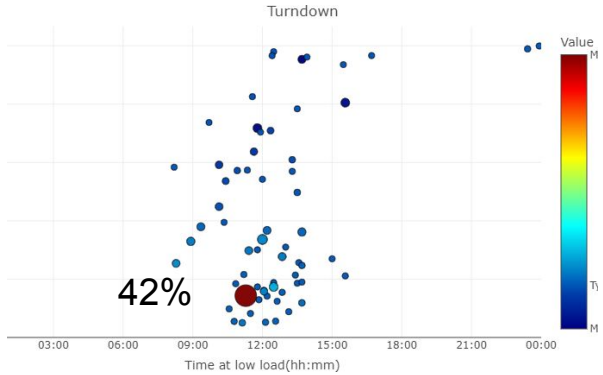
Your Universites

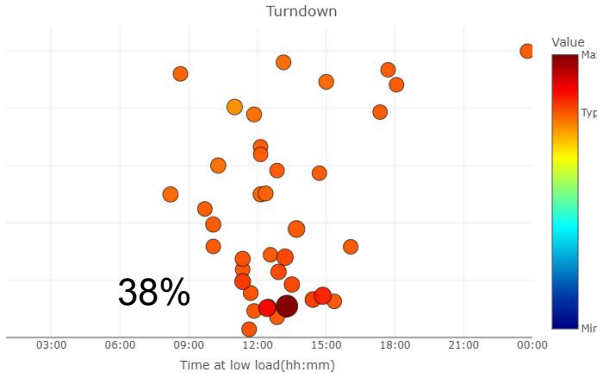








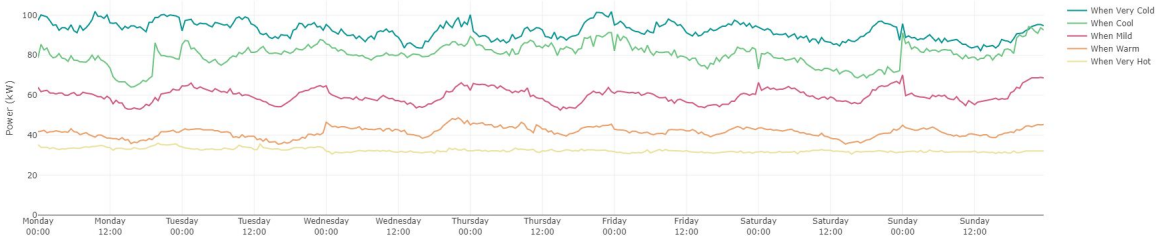




Halls of residence

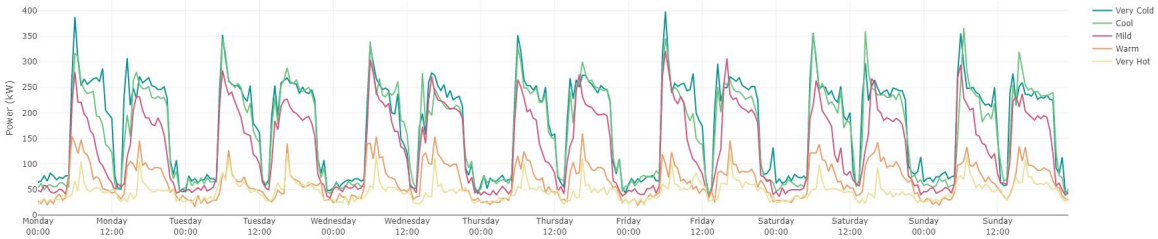
Bad Example

- 5.9% Turndown
- £5,000 saving if it was to reach the softwares target of 50.2%



Good Example

- 63% Turndown



Facts and Figures

105 issues created

£1.1 M waste identified

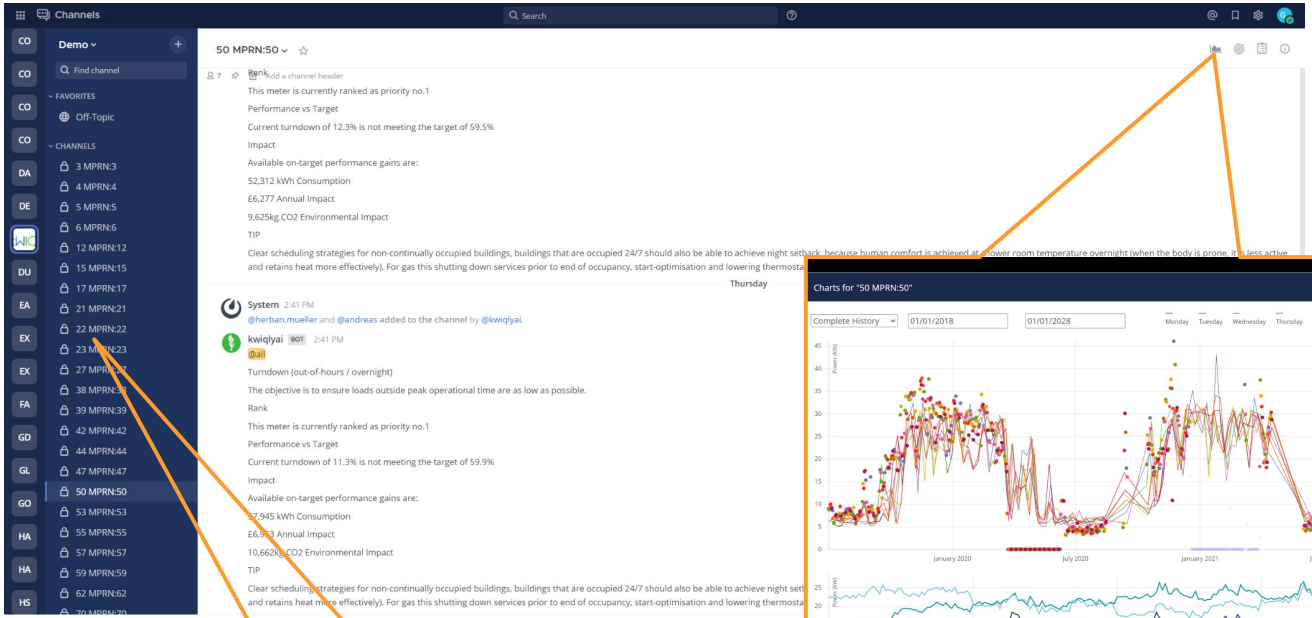
£300K in the last batch

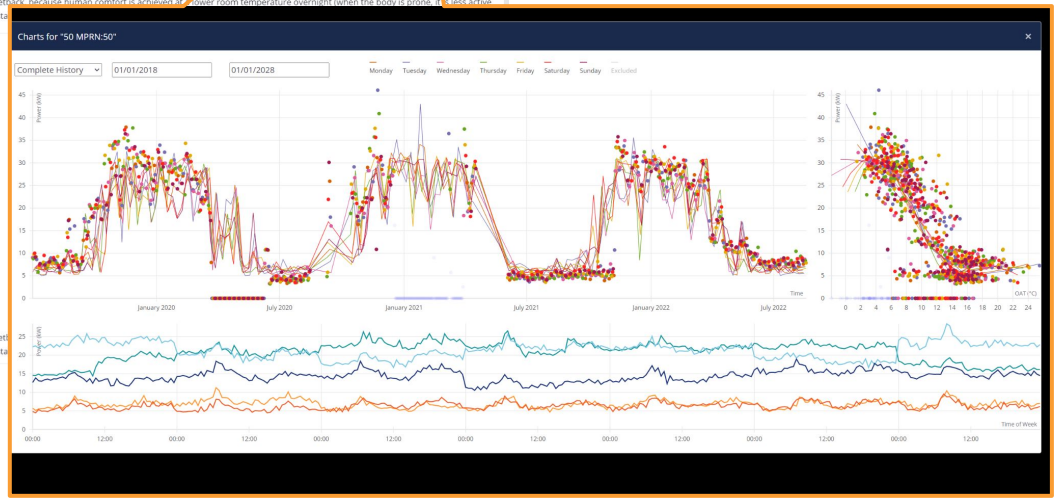
Notifications

The Process

- Software finds issues
- Email Notifications sent to selected email accounts
- Collaborate with your own team or kWIQly staff
- Add comments, images and files
- Once software detects fix you will receive a notification

Collaboration tool





Channels allow for communication with relevant parties

Making the most of our services

- Watch spam folder / create rules
- Reset your password using your email address to get full access
- Would you like a run through of your portfolio?

Thank you : For further information please contact

george@kwiqly.com