

emma^{AI}

AI ENERGY MANAGEMENT

Powered by Optimal Monitoring

Automated Energy Management

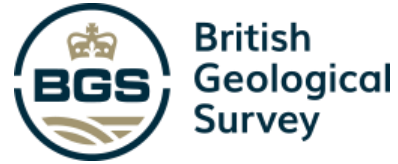
Driving Digital Maturity, 2026



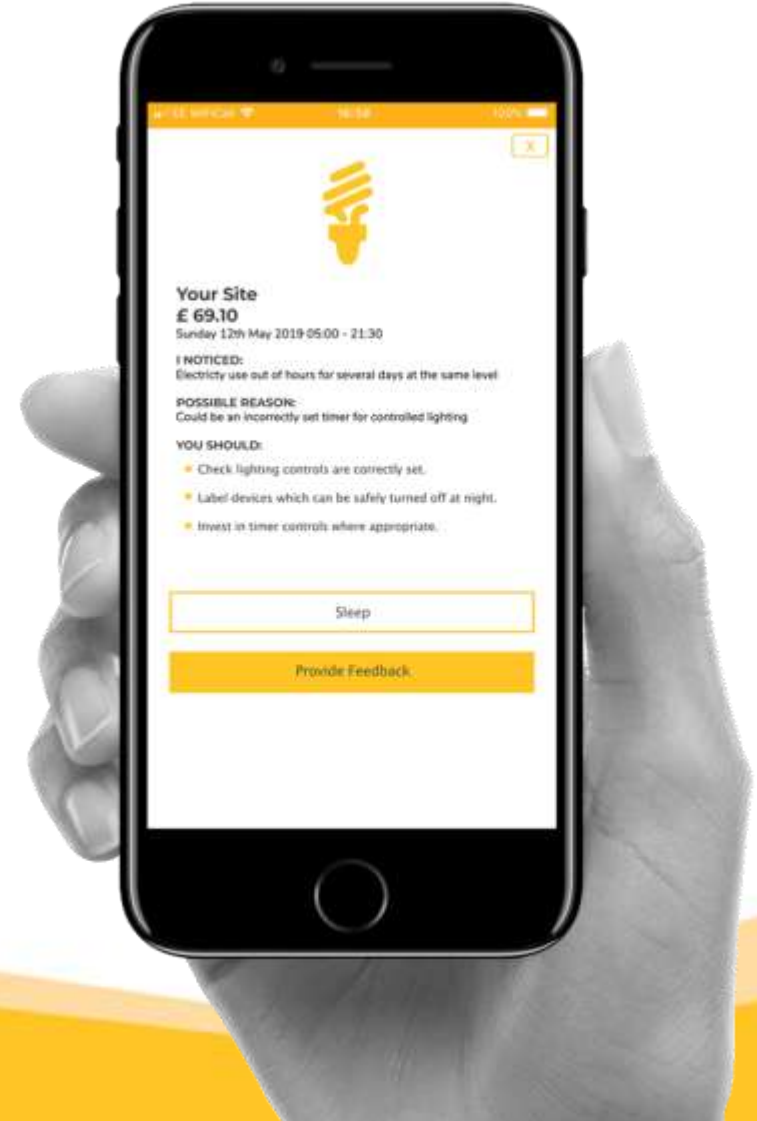
9 JUNE 2026

CHARTERED INSTITUTE OF ENVIRONMENTAL HEALTH PROFESSIONALS
Chadwick Court, 15 Hatfield, London SE1 8DJ

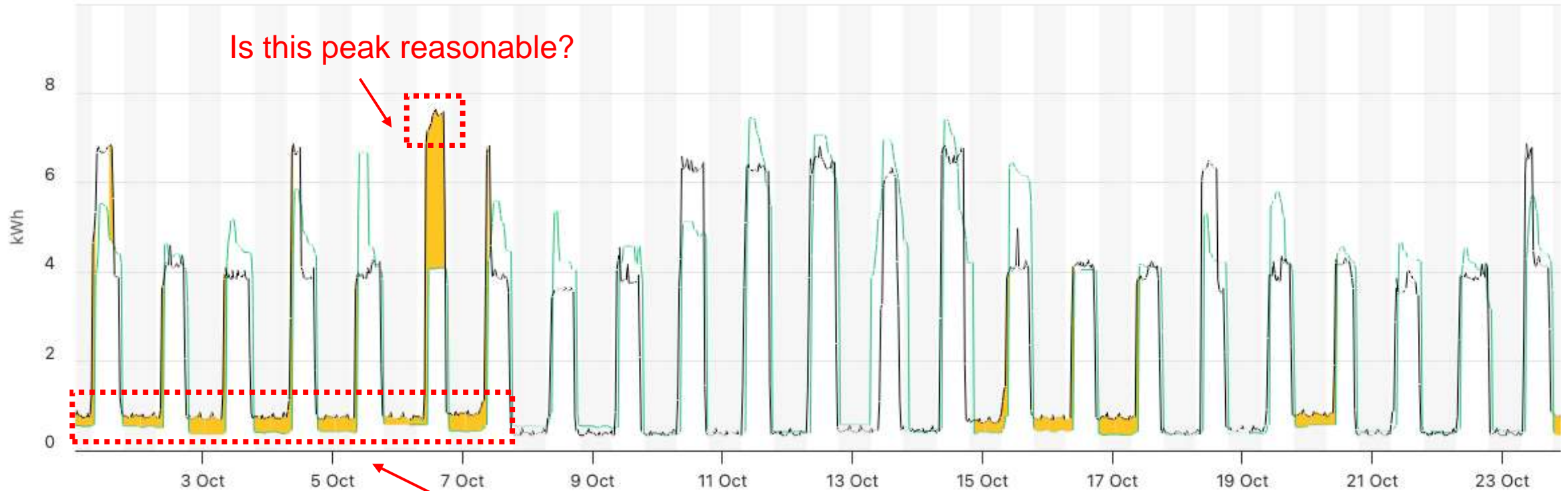
Customers : Public & 3rd Sector



From Meter Data to Your Team



Analysis



Is this peak reasonable?

What caused overnight high?

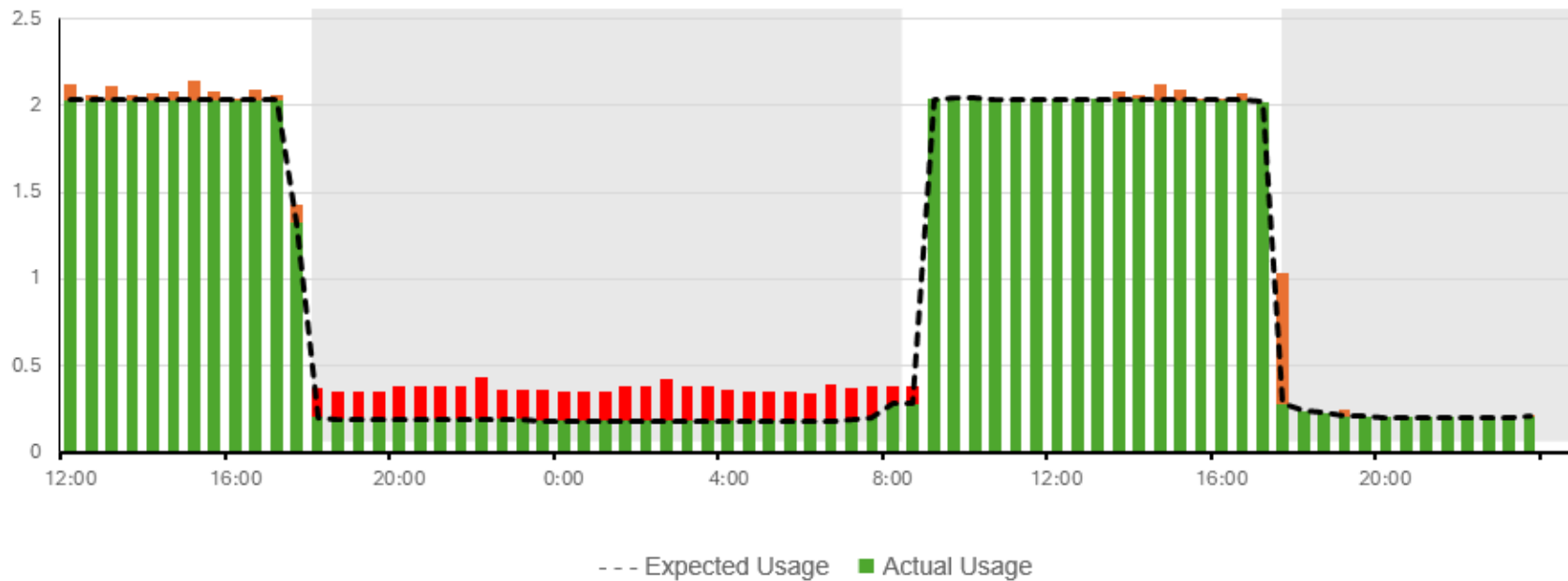
Notification

Your Site Name

17th March 2026: 12:00 – 8:00am



I believe your energy data shows that an unexpected appliance was operating in the evening



Please let me know what you found:

Impact

EmmaAI

I believe your energy data shows that unexpected appliances came on during the evening.

7th Oct 2024 1:27 PM

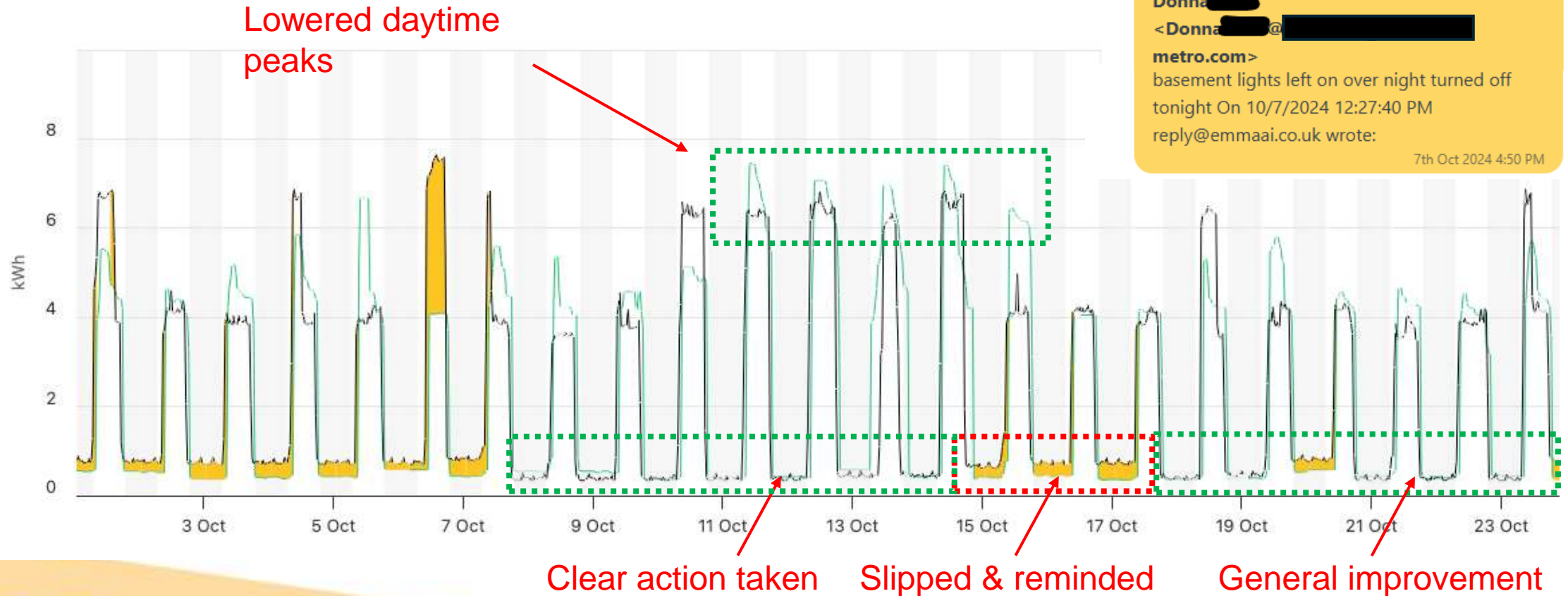
Donna [REDACTED]

<Donna [REDACTED]@ [REDACTED]

metro.com>

basement lights left on over night turned off tonight On 10/7/2024 12:27:40 PM
reply@emmaai.co.uk wrote:

7th Oct 2024 4:50 PM



Saturday 1st June 2024

Download

👍 Best overnight performing sites					
		Site	Avg Usage	Benchmark	Good Days
1	↑ 21	360137 - MONTROSE	13.8kWh	13.9kWh	100%
2	↑ 14	312975 - CUPAR	14.8kWh	15.2kWh	93%
3	↑ 7	347108 - CHAPEL STREET	16.3kWh	16.5kWh	93%
4	↑ 1	532818 - KIRKINTILLOCH	15.6kWh	15.8kWh	92%
5	↓ 4	426869 - CARRFIELD ROAD	11.7kWh	11.7kWh	86%
6	↑ 5	537911 - INVERURIE	16.4kWh	15.1kWh	86%
7	↓ 1	429832 - SPRINGWELL	15.3kWh	14.4kWh	79%
8	↓ 6	532004 - CATHKIN	17.1kWh	15.6kWh	69%
9	↓ 6	551229 - CHILLINGHAM	14.3kWh	14kWh	68%
10	↑ 72	533561 - COPLAND	25.2kWh	25kWh	65%

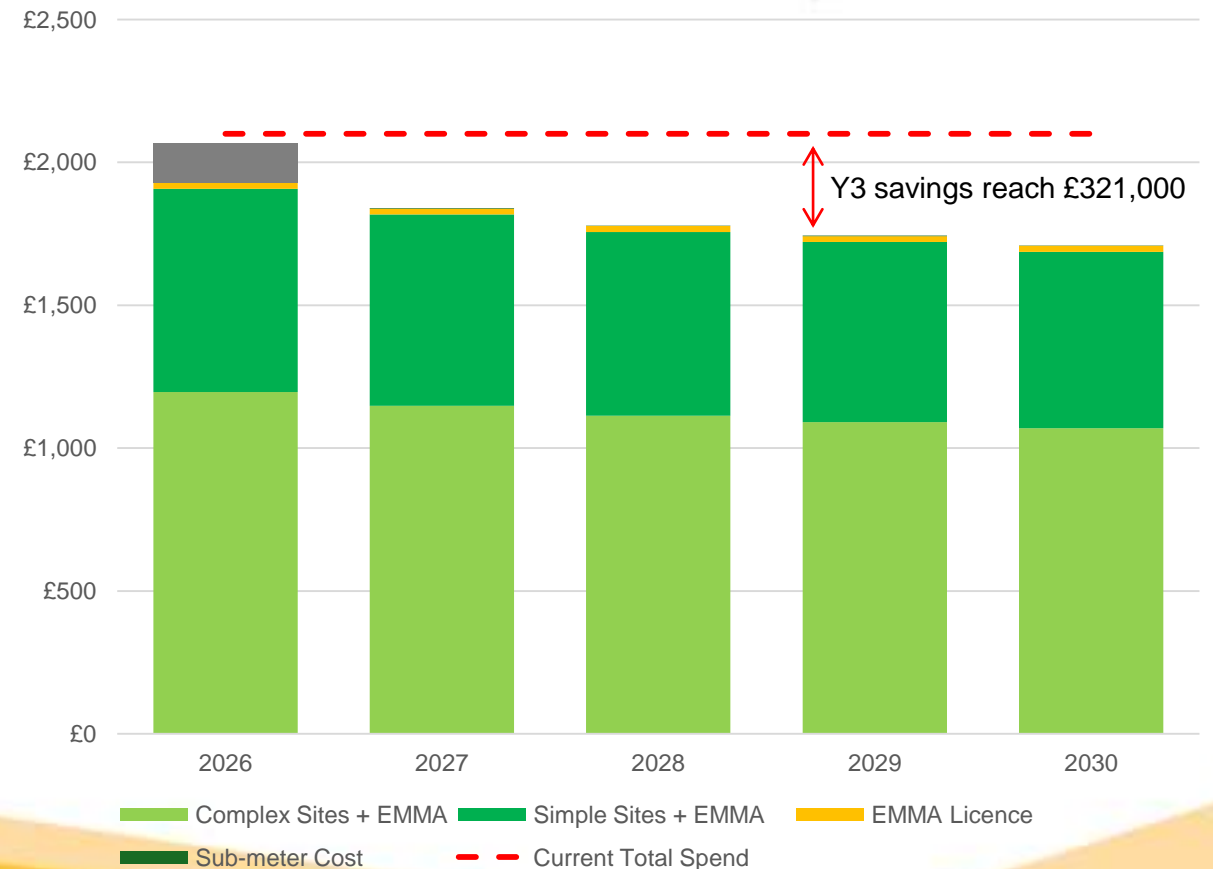
👎 Worst overnight performing sites					
		Site	Avg Usage	Benchmark	Good Days
172	↓ 2	283762 - DALKEITH	12kWh	5.5kWh	0%
173	↓ 1	533011 - CUMBERNAULD	29.4kWh	21.2kWh	0%
174	↓ 13	333859 - FRECKLETON	18.8kWh	11.7kWh	0%
175	↓ 7	219029 - BURNBANK	27.9kWh	19.7kWh	0%
176	↓ 1	537156 - BARMULLOCH	27.9kWh	19.2kWh	0%
177	→ -	573735 - CLITHEROE	10.9kWh	2kWh	0%
178	↑ 2	567458 - WATERLOO	24kWh	14.5kWh	0%
179	↓ 1	335126 - BONNYBRIDGE	16.2kWh	6.8kWh	0%
180	↑ 1	211605 - KILSYTH	30.8kWh	17.1kWh	0%
181	↓ 2	541571 - CENTURION	29.2kWh	15.2kWh	0%

👎 Sites Not Responding	
Site	Messages
567151 - TOPPING	9
284386 - MARY STREET	9
573735 - CLITHEROE	9
378478 - TURF MOOR	8
211850 - BROUGHTY FERRY	8
573346 - Plungington	8
211303 - QUARRY STREET	8
426403 - CASTLEMILK	8

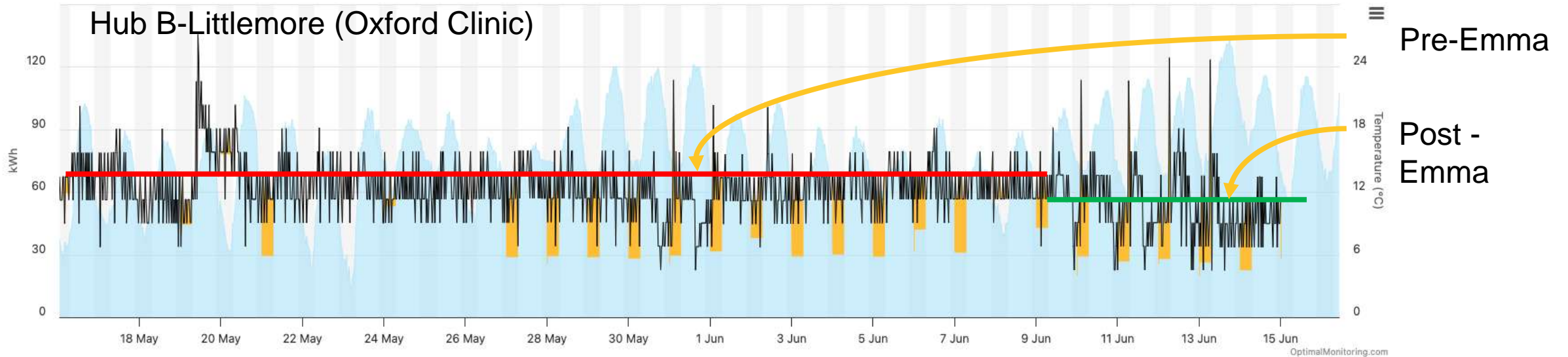
Results at Oxford

- Emma across the trusts existing meters
- £170,000 pa in savings detected
- £321,000 pa potential at optimum performance
- ROI < 3 months for simple sites
- £1.3 million target over 5 years

Energy Spend Trend with EMMA (,000)



Littlemore



- Operations identified issue with a gas valve in the kitchen
- Circa £6,300 PA savings

Submetering at Lincolnshire



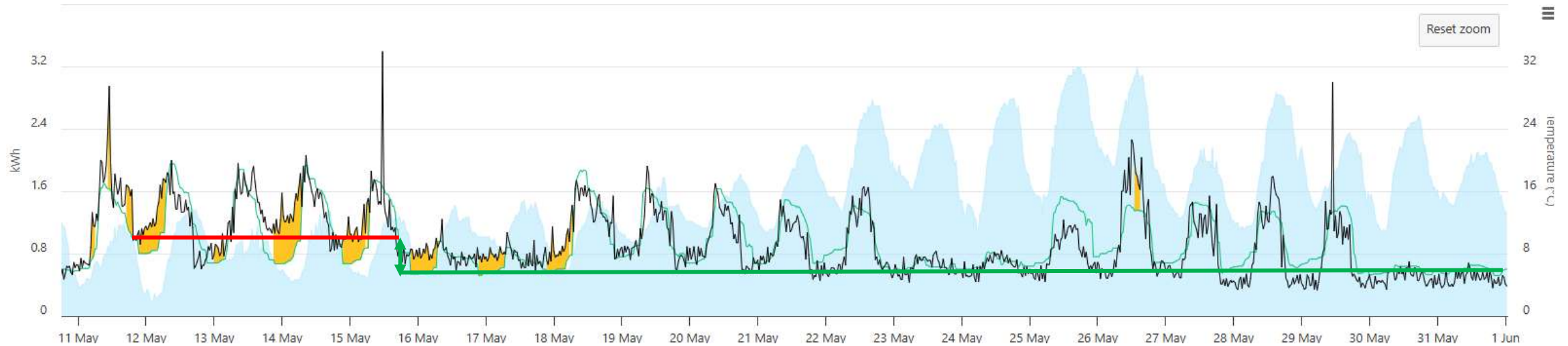
Existing Power Submetering at St Georges

Never install new submeters until all existing have been connected and are monitored



Existing Gas Submetering Trust HQ

Results at Lincolnshire



- Emma identified £390 worth of weekly excess
- Operations identified heater timing issues
- Target for the estate now £75,000 PA savings

Unit 1 and 2 East
Road

Well Understood Process

Size of Prize

- Analyse existing HH data
- Confirm possible savings
- Identify opportunities

Pilot

- Run live on existing meters
- Add in exiting data, BMS, Solar etc
- Run for 3 months

Live Running & Improve

- Appoint 'Energy Champions'
- Integrate help desk & facilities
- Survey for sub-metering; improve data

Known and tested process

FREE

Come and say hi!



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