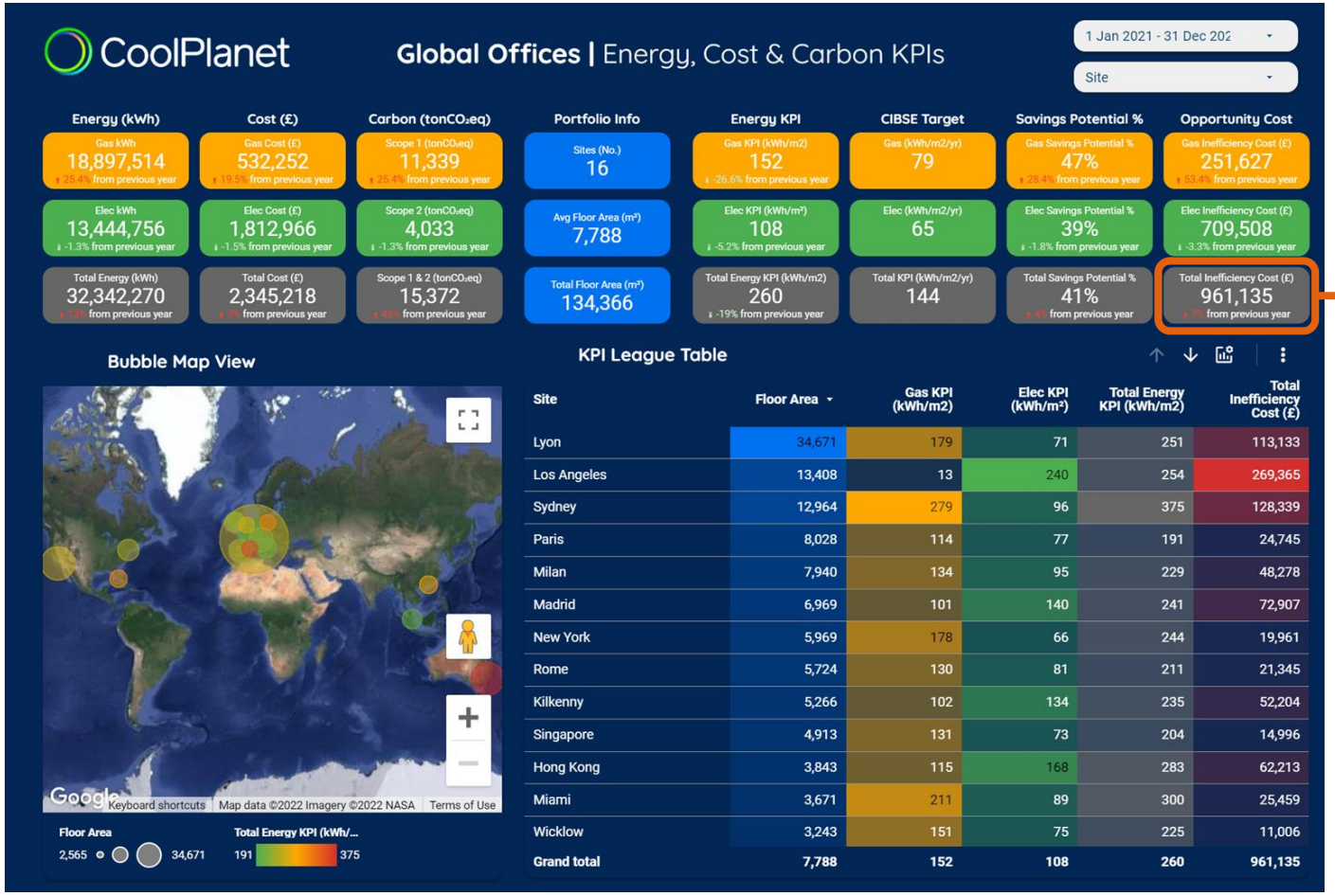
Case Study – UK Government Agency



Proof of Value:

Only 2 data points, mains electricity and gas for 16 locations

Client investment: £40k

Financial savings: over £900k of savings

Current Status:

Ingesting 22 data points from each building and increasing the overall building portfolio to 450

Case Study – UK Government Agency

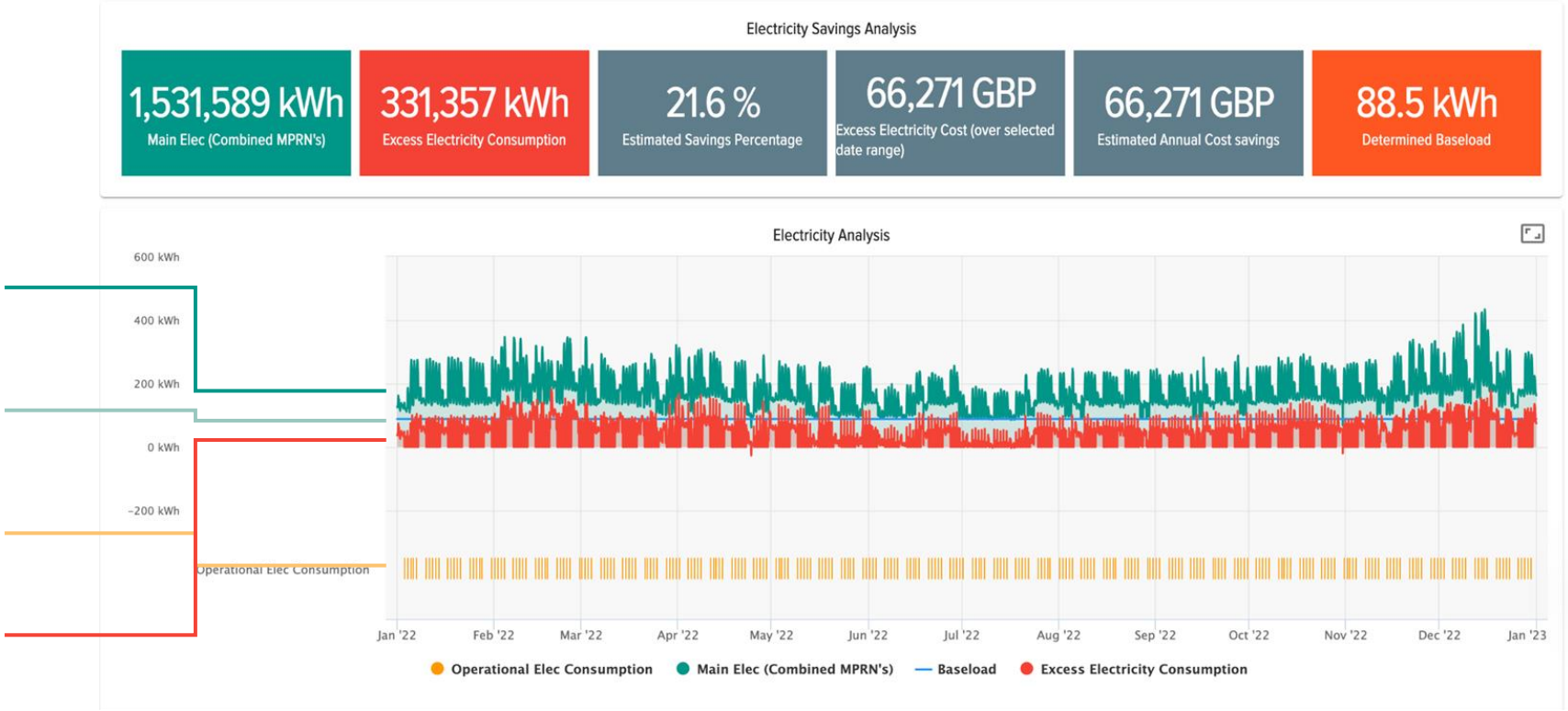
How we achieved a 21.6% electricity energy reduction and £66k of savings per year

Green: Mains electricity

Blue: Baseload calculation – minimum amount of energy required to maintain essential operations

Orange: Operating hours

Result (red): Excess energy outside of operating hours compared to baseload



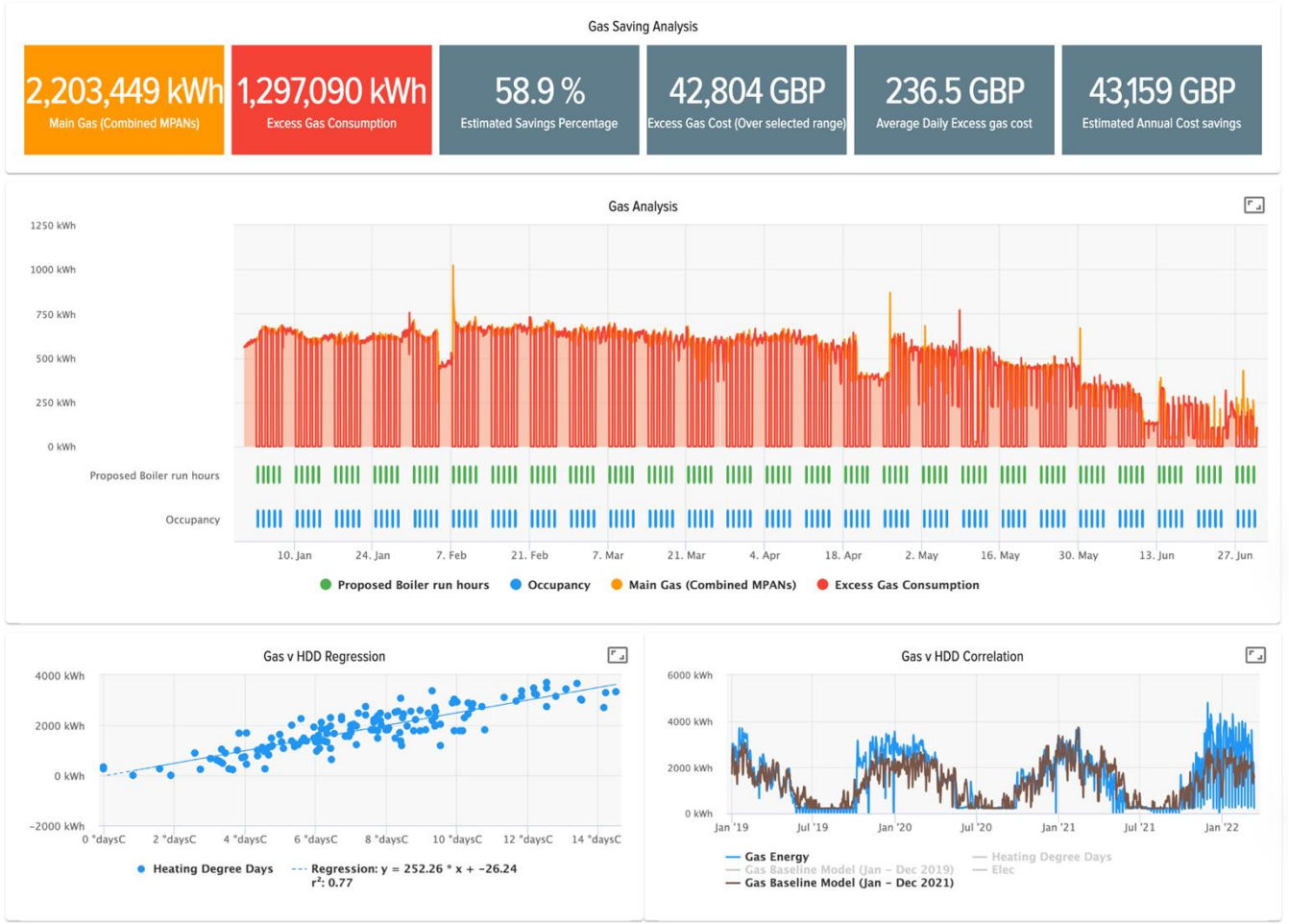
Case Study – UK Government Agency

How we achieved a 58.4% energy reduction and £31K of savings per year

This is a high level gas feasibility dashboard, based on 1 data point.

The platform has the capability of producing heating and cooling degrees by leveraging local weather station data.

Occupancy hours are also identified. This analysis found that boilers were being left running regardless of occupancy. Simple control changes (turning it on 4 hours before occupancy and turning off two hours after the premises is empty) to the boilers running time resulted in gas consumption being reduced by nearly 60%.



Case Study – UK Government Agency

How we are using additional data points to better control comfort and reduce gas consumption

Via BMS integration, the platform analysed temperature data from each floor of the building. It was found the majority of areas within the building were operating far in excess of acceptable temperatures.

A minimum and maximum temperature threshold was created to control this on each floor, between 20 - 23 degrees.

By implementing small control changes during the occupied hours and getting those temperatures within the ranges that they needed to be in, the platform was able to achieve another 8% to 10% per site reduction in gas consumption