

# Energy efficiency in the recession



*power*Perfector Plc

## ■ **Priorities shift:**

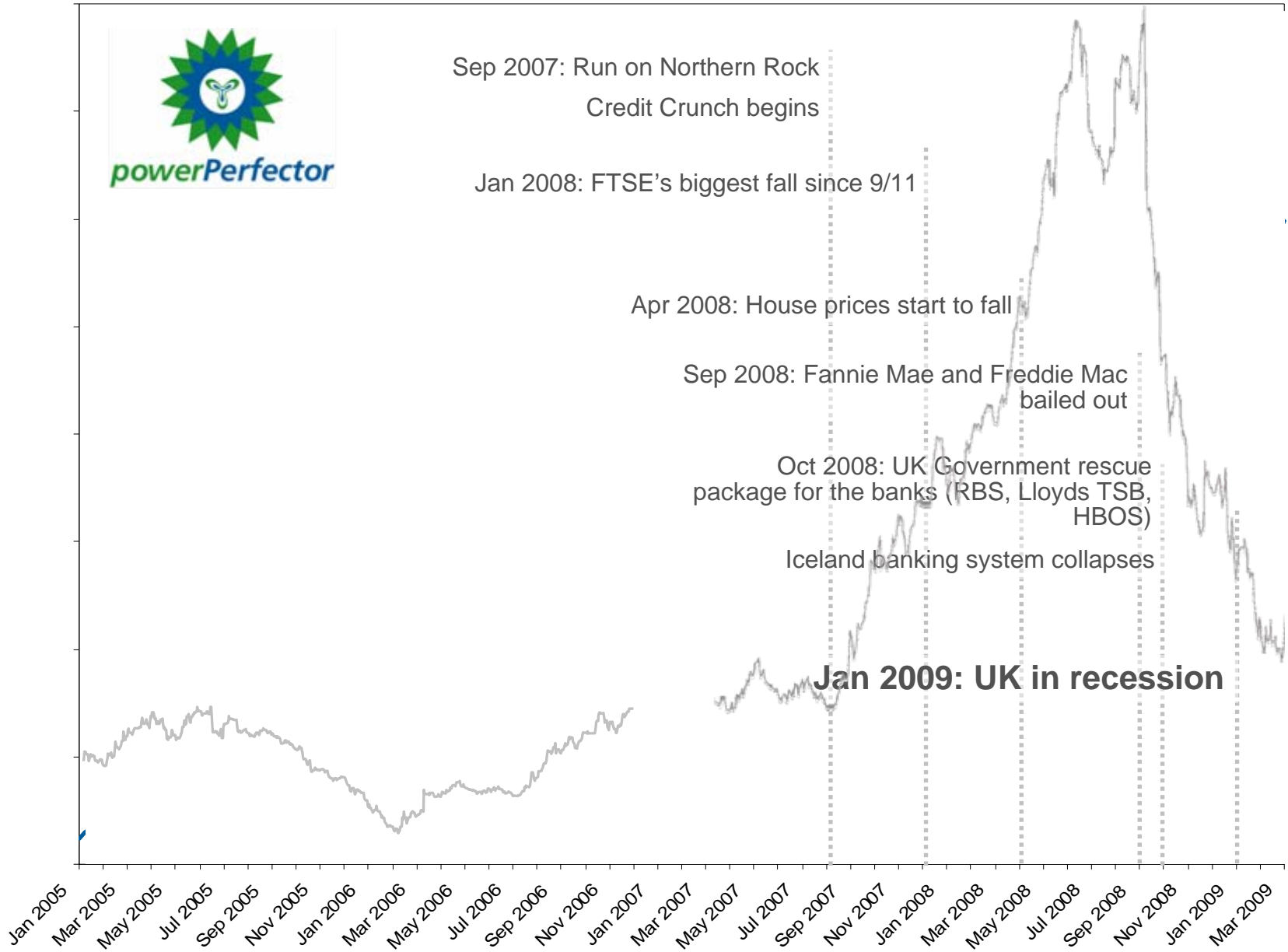
- Carbon savings still important, but need to deliver hard savings above all
- Reducing overheads may save jobs!

## ■ **Eye on the horizon:**

- Energy prices going up across all timescales
- Climate change legislation unstoppable
- Energy gap looming

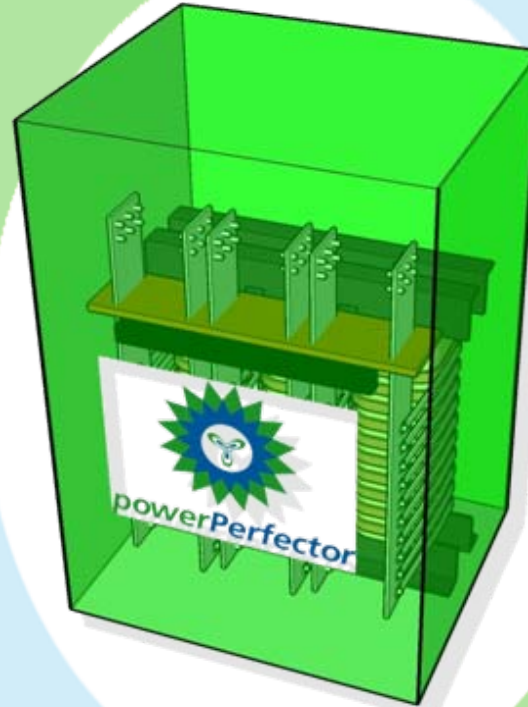
## ■ **Finance difficult to come by:**

- ...But energy saving projects can still be financed if they make good sense
- Carbon Trust, Salix and other streams more important than ever



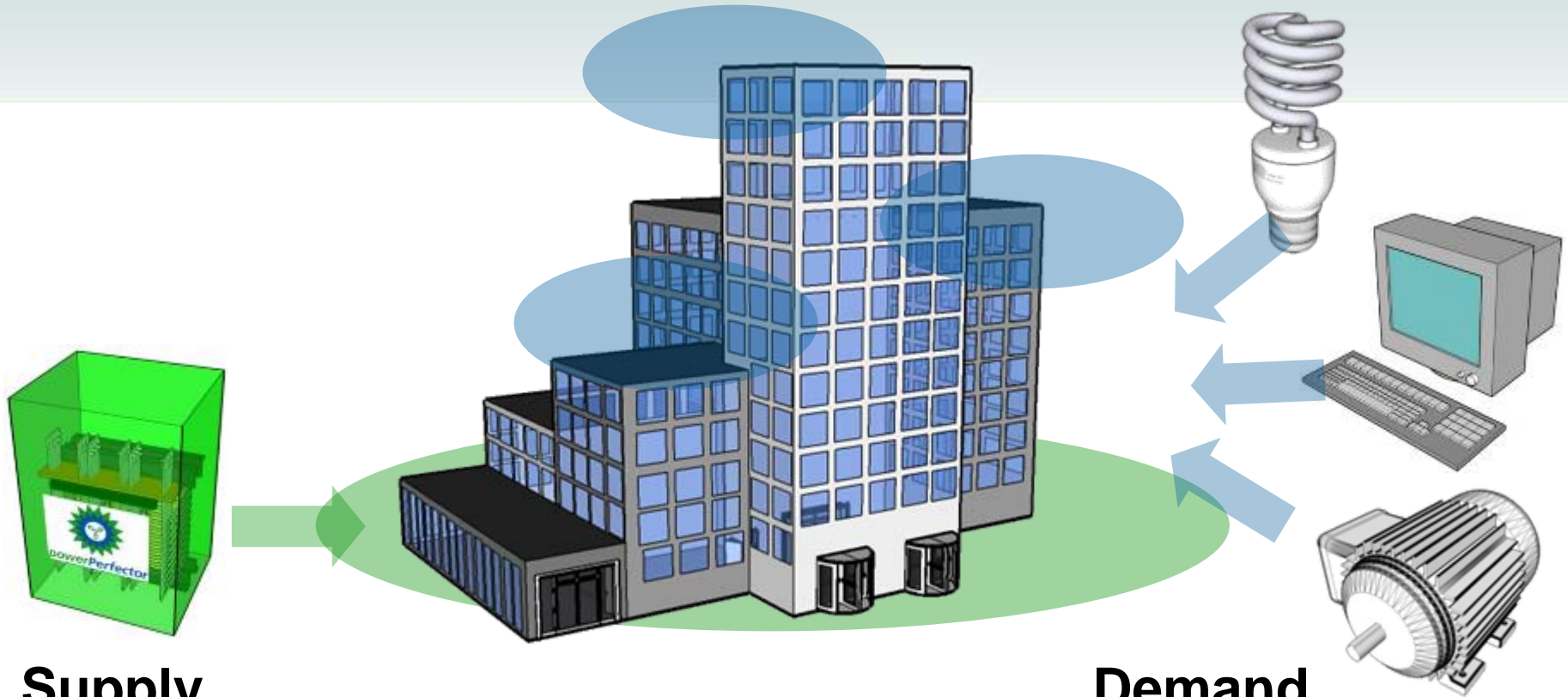
- Consumption and cost savings 10% - 20%
- Guaranteed ROI 25% – 100%
- Ongoing asset replacement costs reduced

- Carbon savings 10% - 20%
- An enabler for CRC and CCAs
- Carbon Trust and Salix financing available



- Optimises the electricity supply:
  - Supply voltage
  - Harmonics
  - Protection against spikes up to 25kV

- Best practice for major private and public sector clients
- 100% reliability record
- No maintenance required



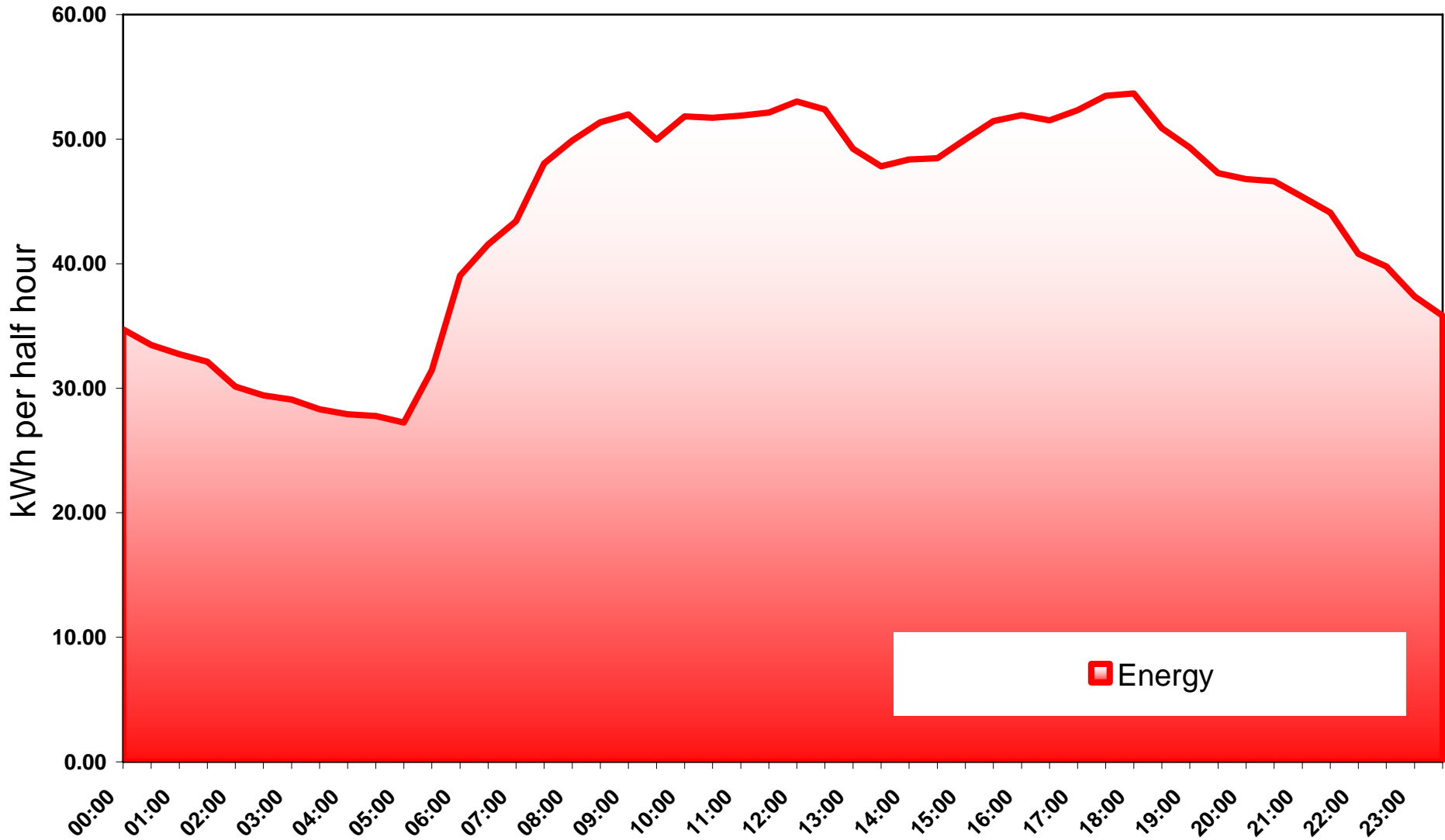
## Supply optimisation

- At-source Voltage Optimisation
- Ensure all equipment runs efficiently

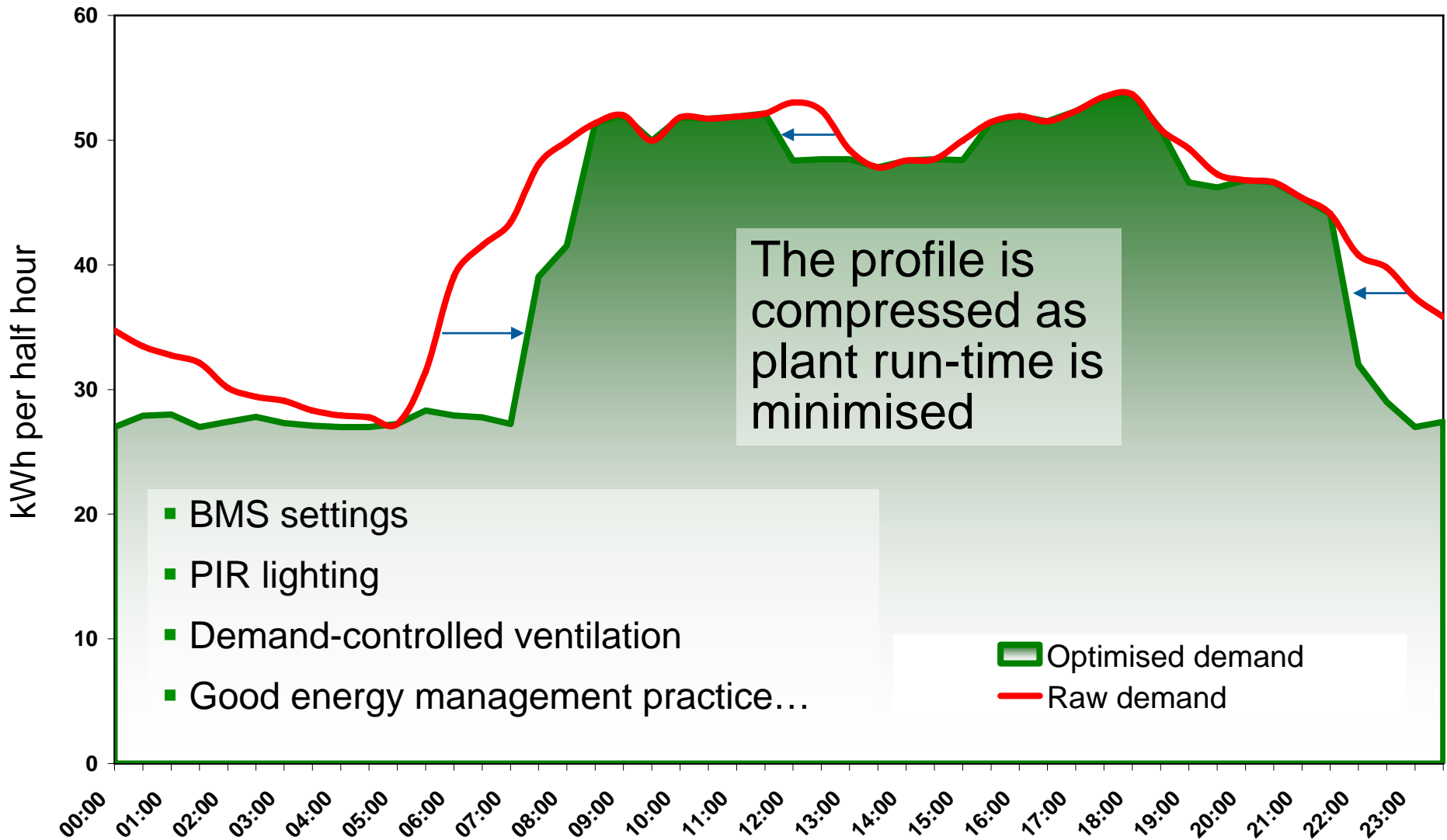
## Demand optimisation

- Ventilation (HVAC)
- Lighting
- IT

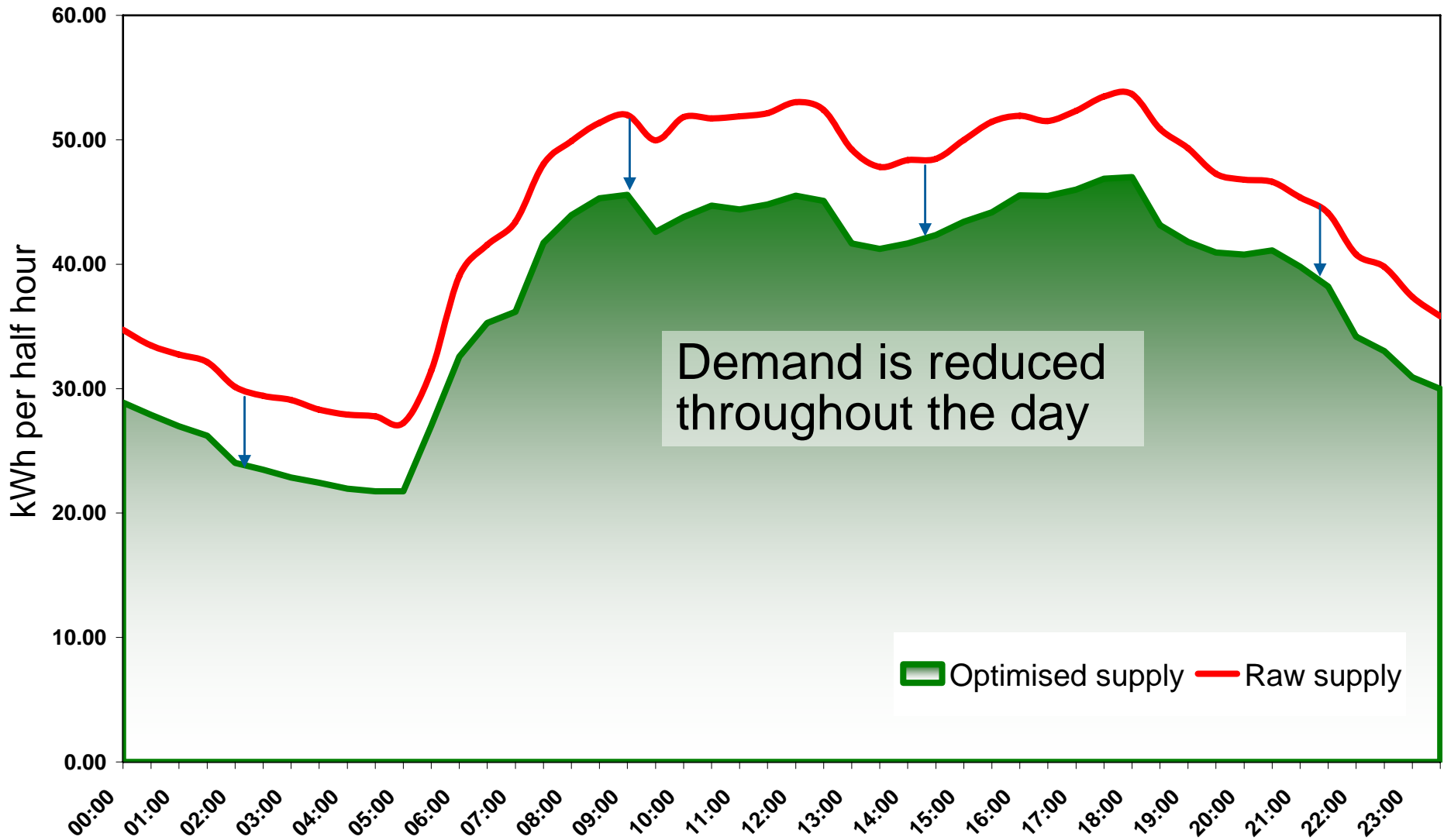
## An Energy Demand Profile



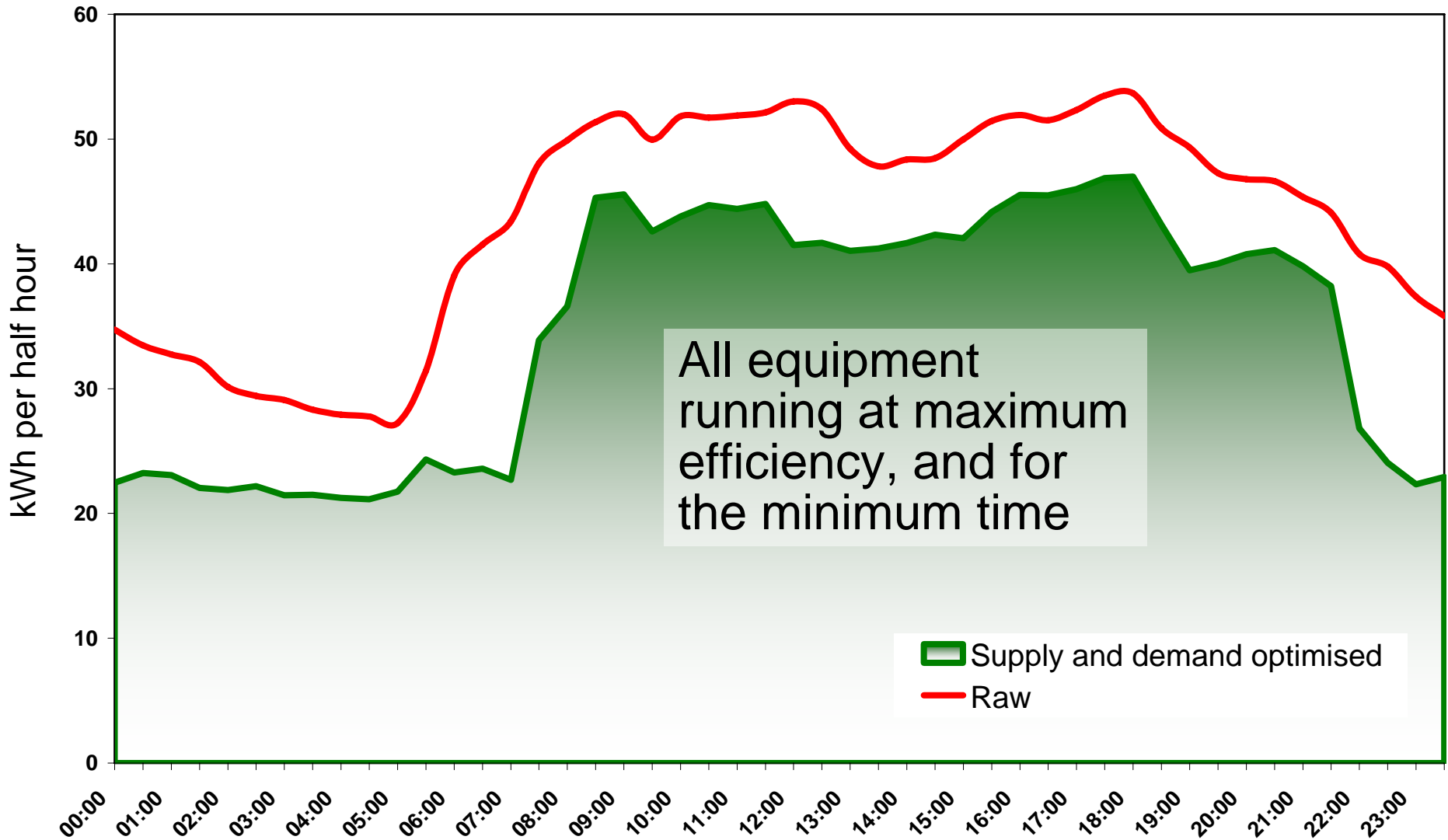
## The effect of demand optimisation The effect of 'Demand Optimisation'

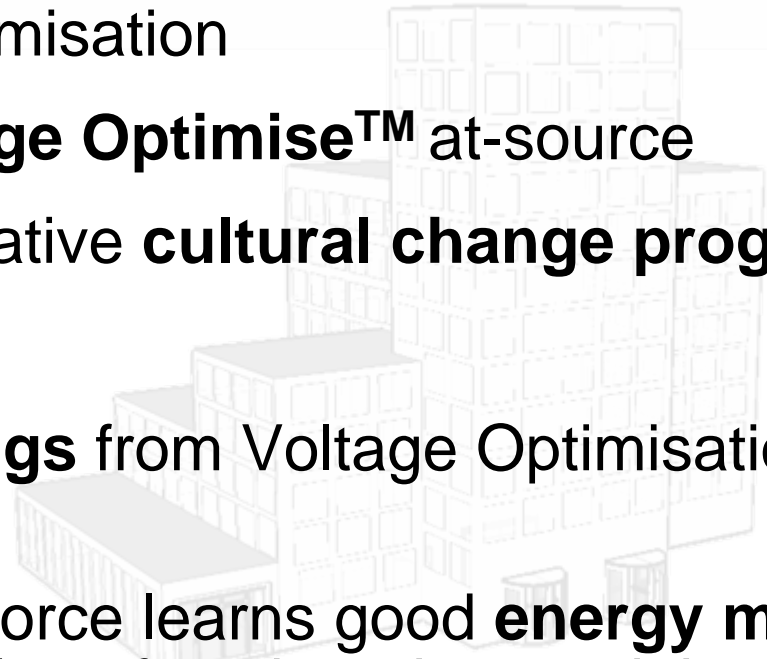


## The effect of Voltage Optimisation



## 'Full' optimisation: supply and demand optimised



- 'Full' optimisation
    - **Voltage Optimise™** at-source
    - Innovative **cultural change programme**
  - Benefits:
    - **Savings** from Voltage Optimisation for lifetime of site
    - Workforce learns good **energy management practices** for when the good times return
    - No need for costly **asset replacement**
- 

- Voltage Optimisation: the **front line** of your energy strategy in hard times
- Voltage Optimisation combined with **good practice** will make a huge dent in your overheads
- Energy savings are most valuable **right now**
- There is lots **more you can do** to reduce your demand
- Make sure you are speaking to the **experts**

# Thank you



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