

Energy efficiency in the recession



■ **Priorities shift:**

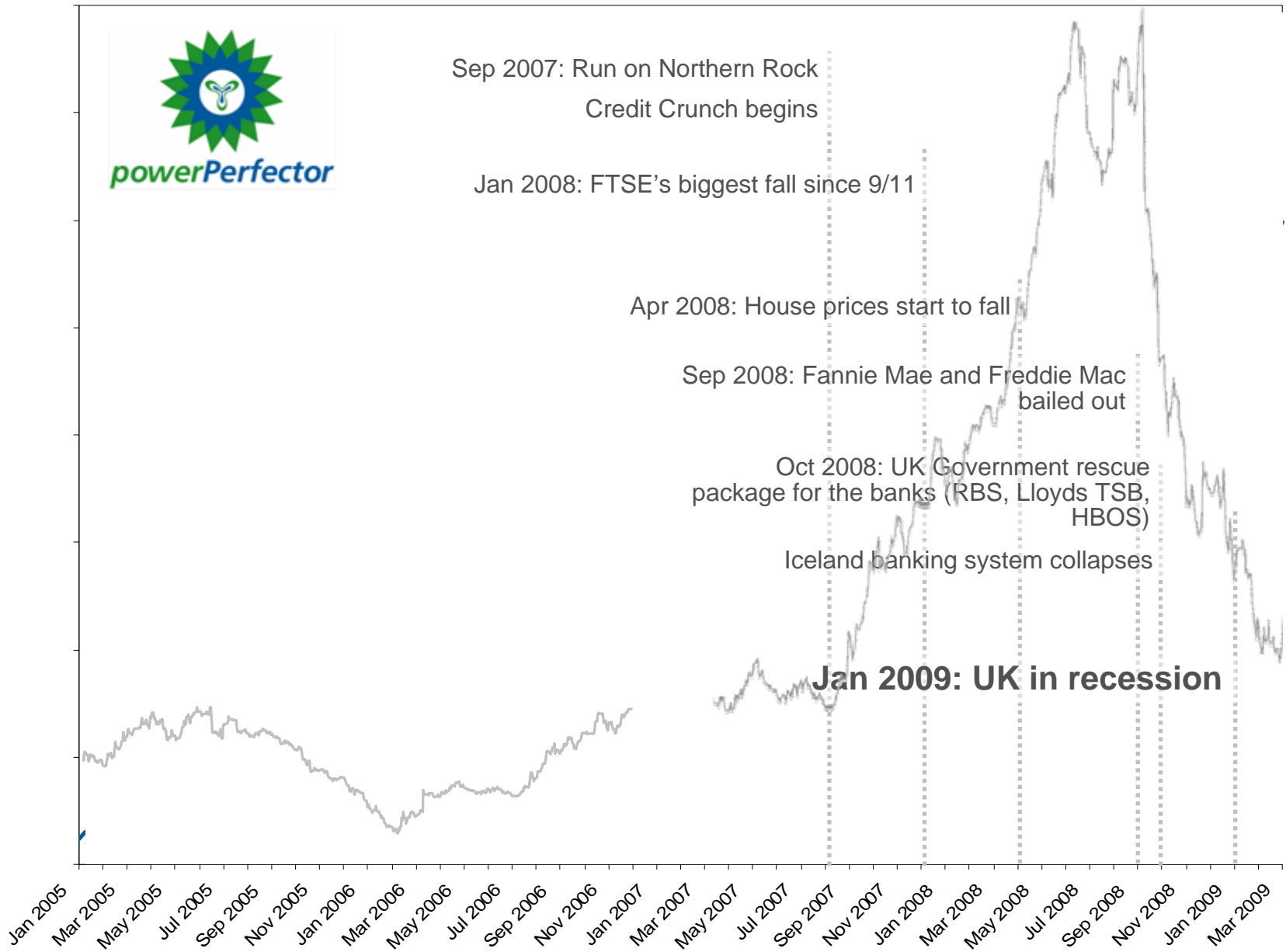
- Carbon savings still important, but need to deliver hard savings above all
- Reducing overheads may save jobs!

■ **Eye on the horizon:**

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

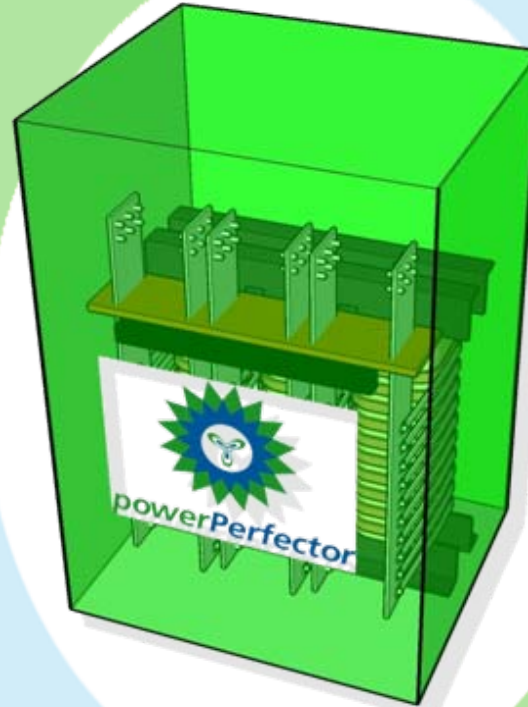
■ **Finance difficult to come by:**

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



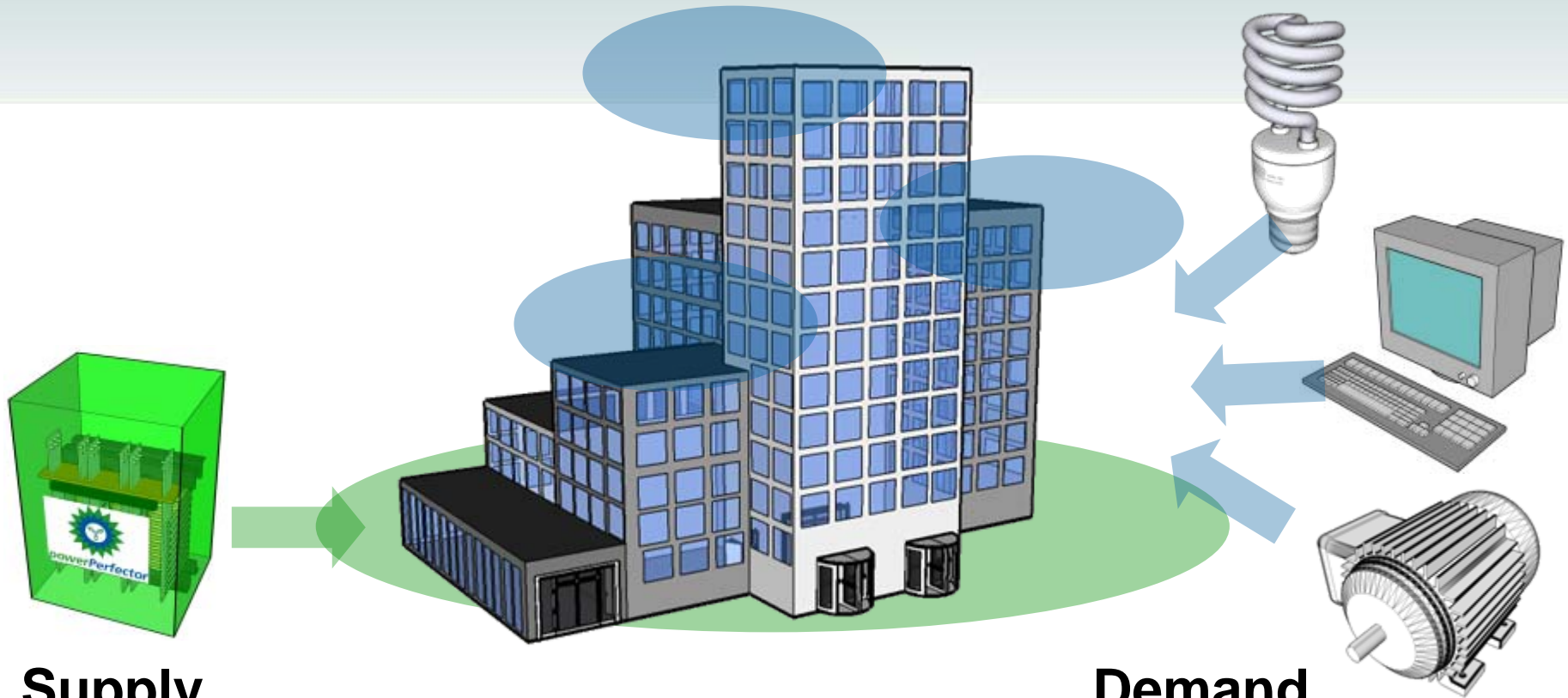
- Consumption and cost savings 10% - 20%
- Guaranteed ROI 25% – 100%
- Ongoing asset replacement costs reduced

- 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



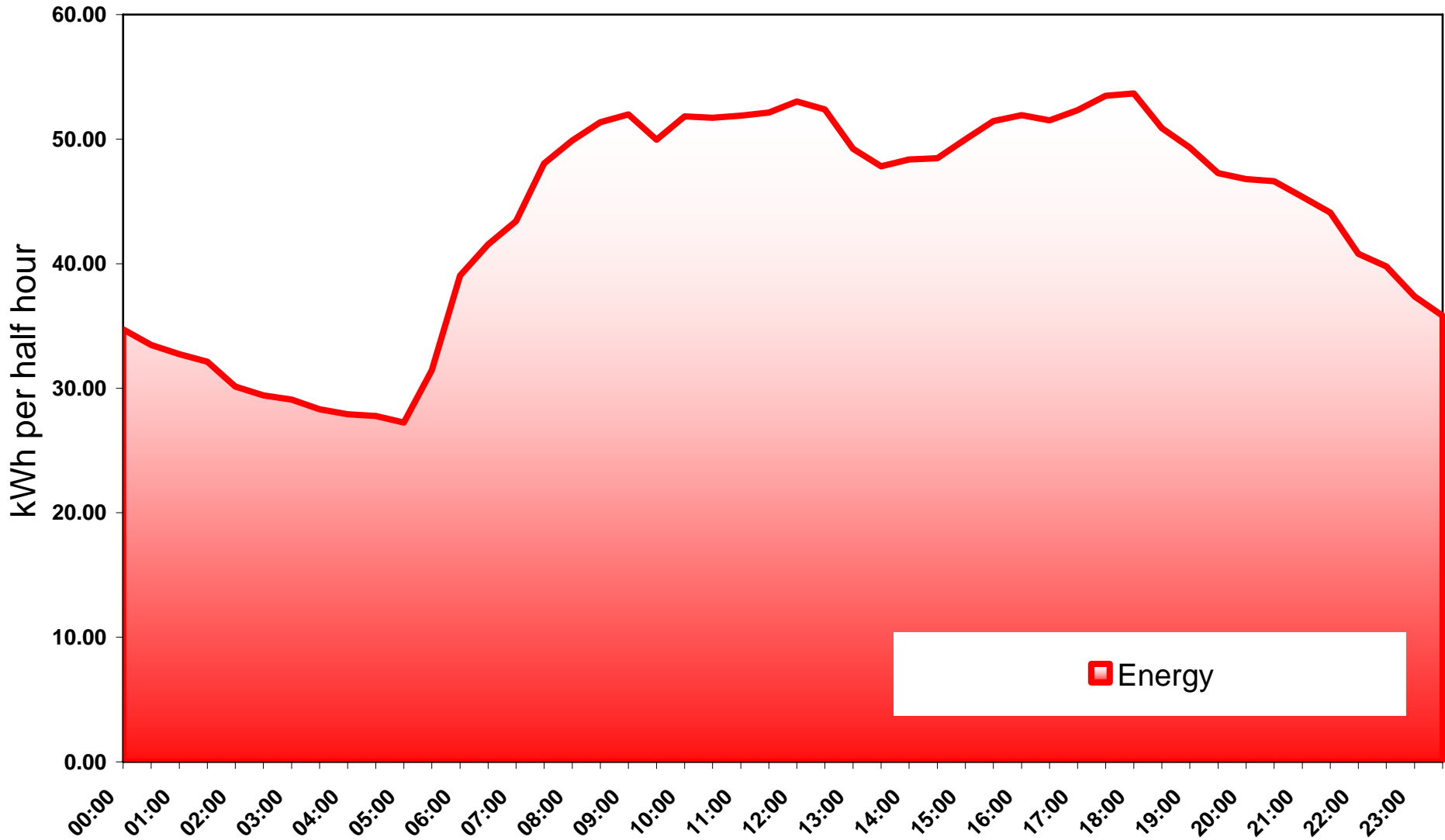
Supply optimisation

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

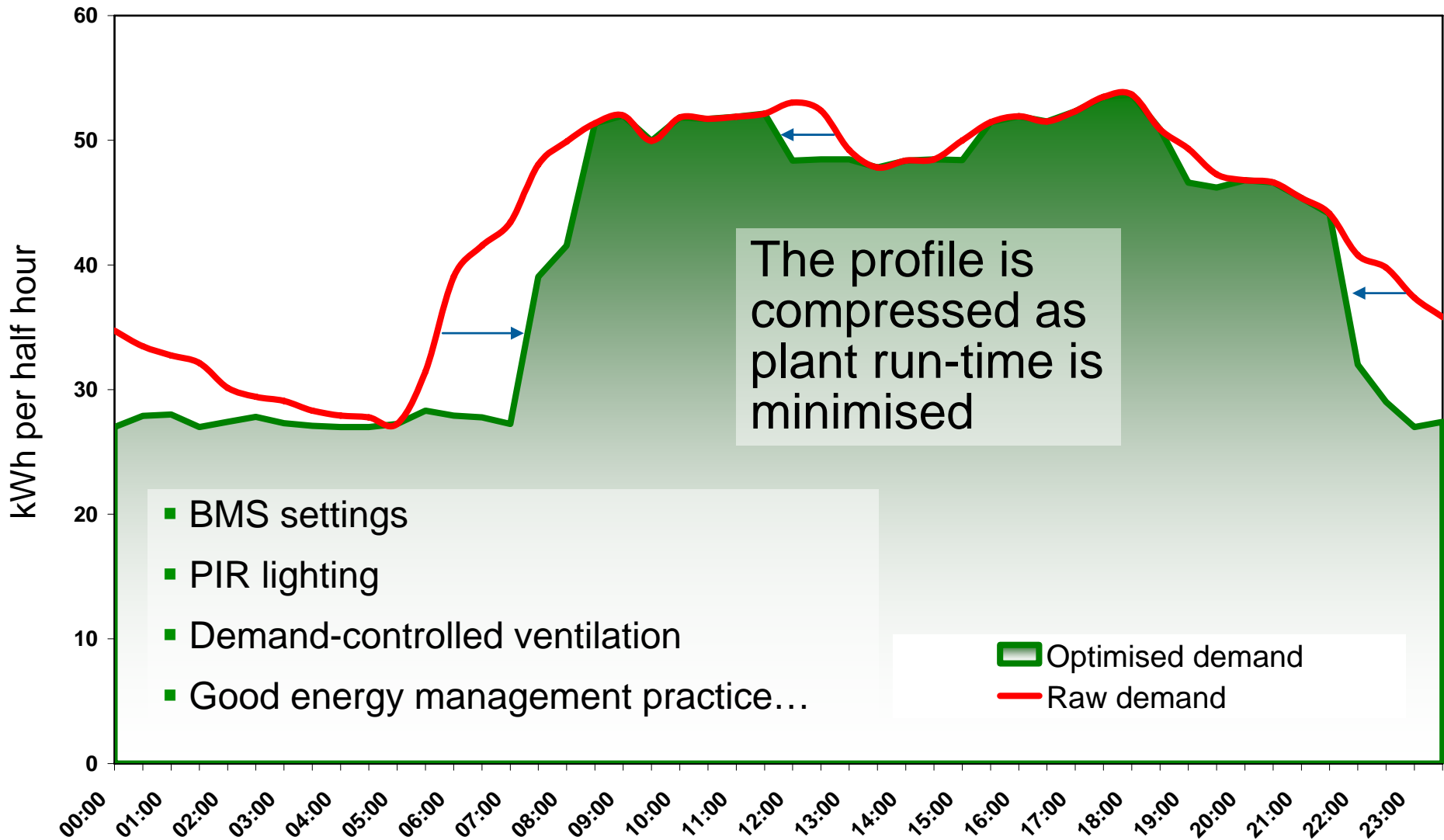
Demand optimisation

- Ventilation (HVAC)
- Lighting
- IT

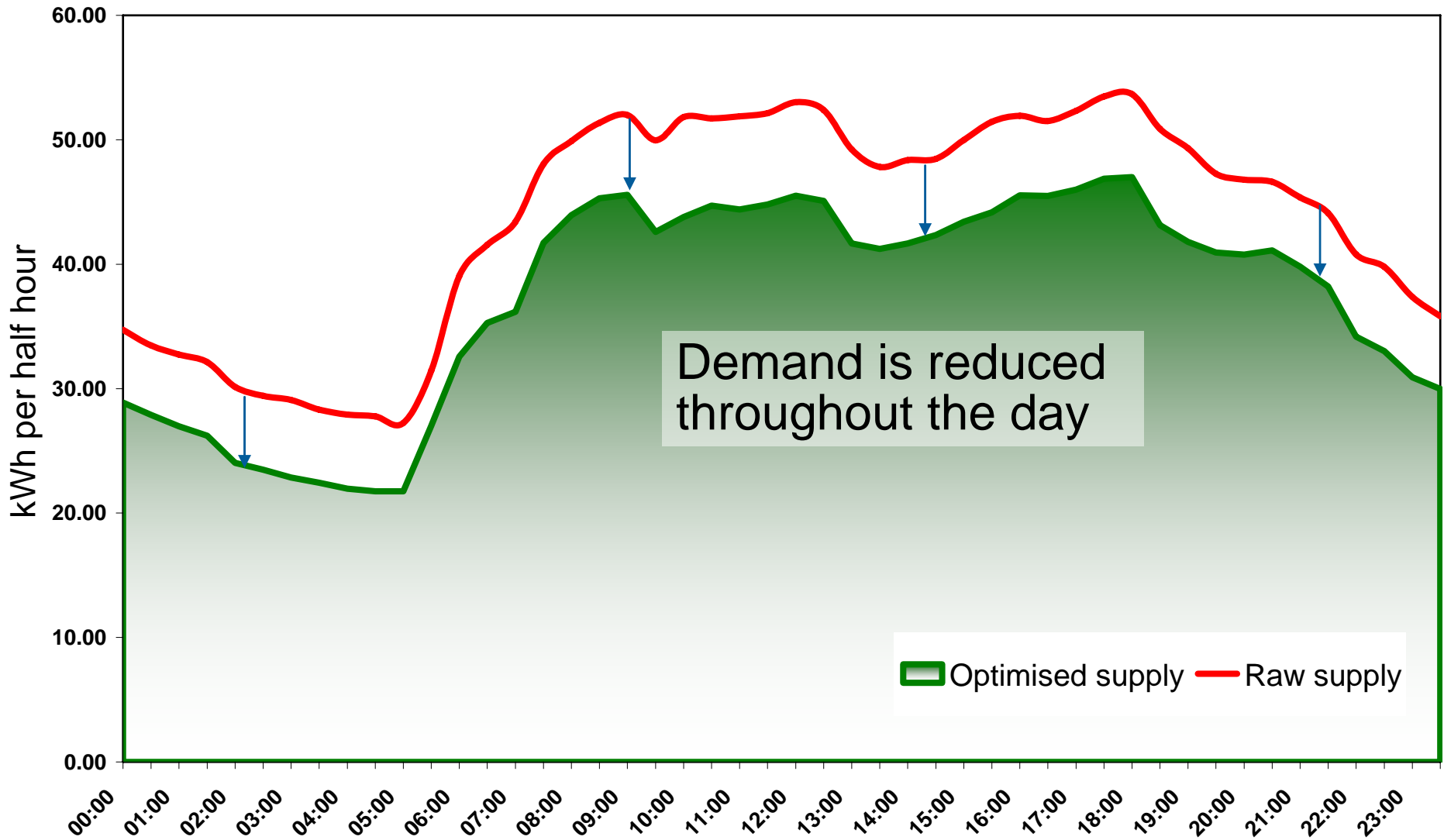
An Energy Demand Profile



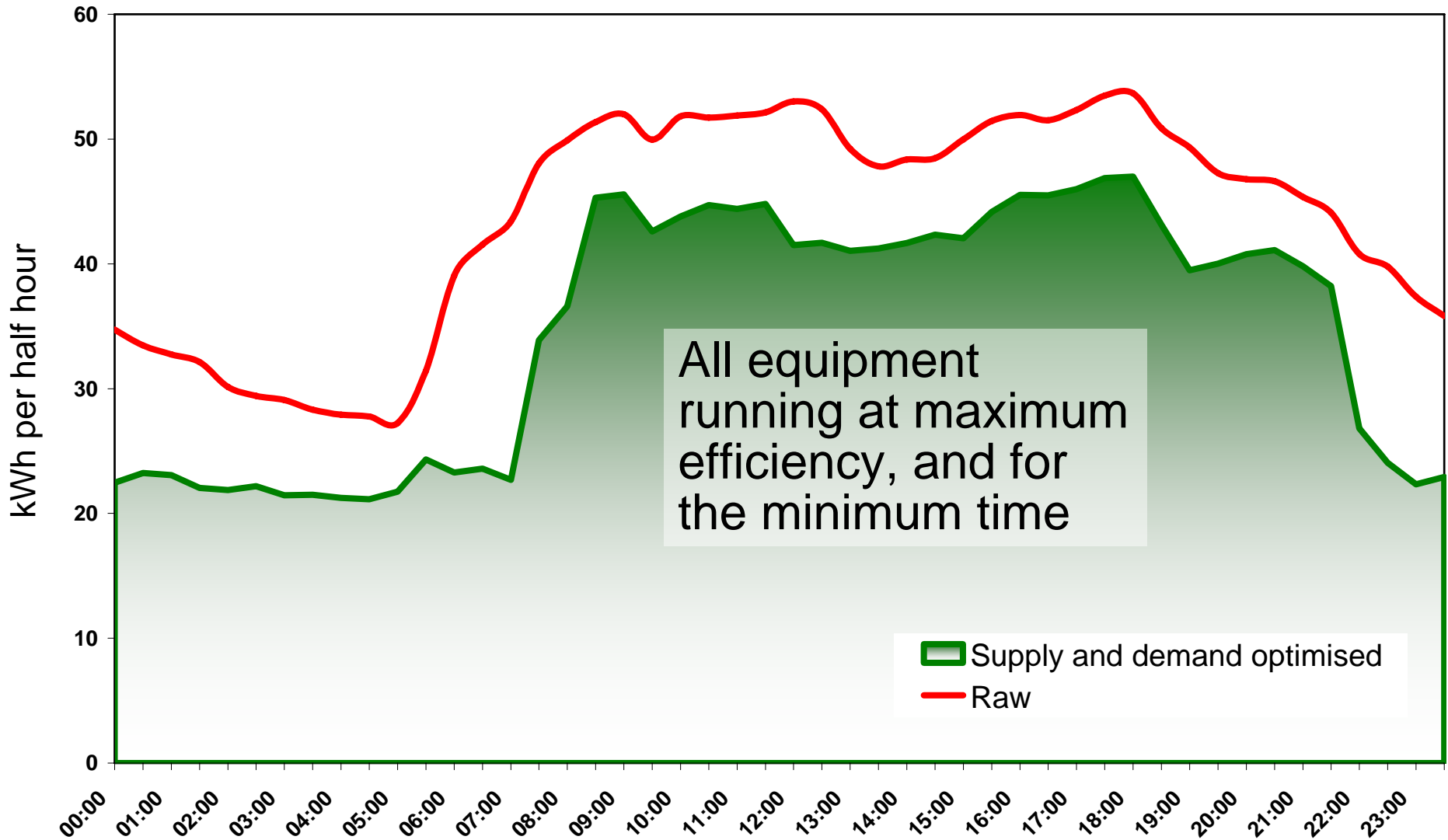
The effect of 'Demand Optimisation'

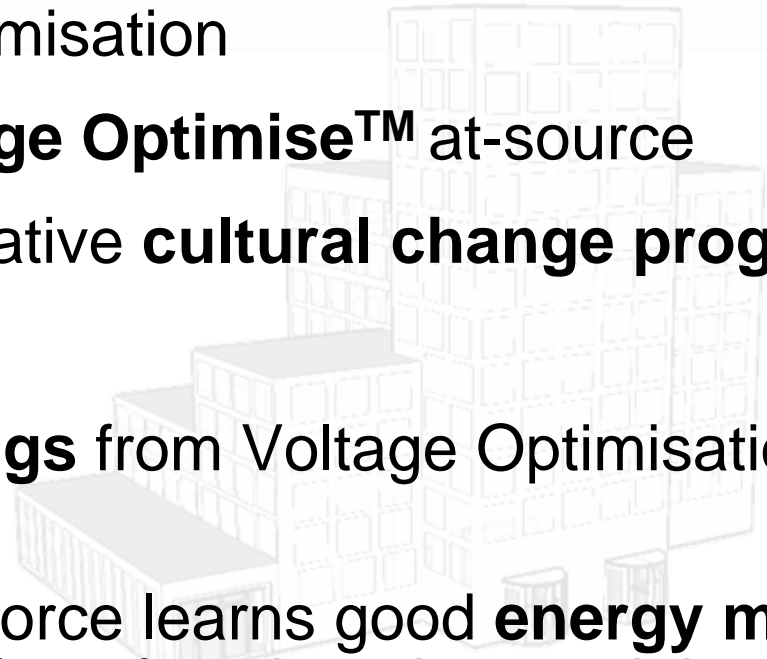


The effect of Voltage Optimisation



'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**