

Hit your carbon reduction targets and decrease **energy bills**

Greatly improve your supply chain sustainability credentials. Generate and store your own electricity

An essential building block of your carbon-zero plan
All your questions answered and free site survey.

✉ enquiries@meelgroup.co.uk

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Case study: Light Commercial

- Annual electrical consumption 12500Kwh
- 60% of which is now produced onsite
- Carbon reduction 2.08 tonnes per year

Return on investment

System cost: £28,000

ROI 9.8 years (based on the company's current capped energy costs)

Other ROI based energy costs:

Kwh @ 21p and VAT @5% = 13.4 years

Kwh @ 45p and VAT @5% = 6.3 years



Case Study: Medium Sized Business

- Annual electrical consumption 35,000Kwh
- 69.4% of which is now produced onsite
- Carbon reduction 6.86 tonnes per year

72x Solar PV Panels (roof mounted)

3x Inverters

3x 23kWh Batteries (total 69 kWh storage)

Cost: £93,133

Return on investment

System cost: £93,133

ROI 13 years (based on the company's current capped energy costs)

Monthly savings on current electrical bill £534

Battery Storage

Incorporating battery storage increases efficiency; surplus energy is stored in the batteries and used when required, enabling solar electricity use during the day and after sunset.

Battery storage allows for higher short-term peak demand during the day without drawing upon the national grid.

- Increasingly the tender process requires specification of green credentials at bid stage
- Essential building block in your de-carbonisation strategy
- Reduced Electrical Costs
- Grid Independence

