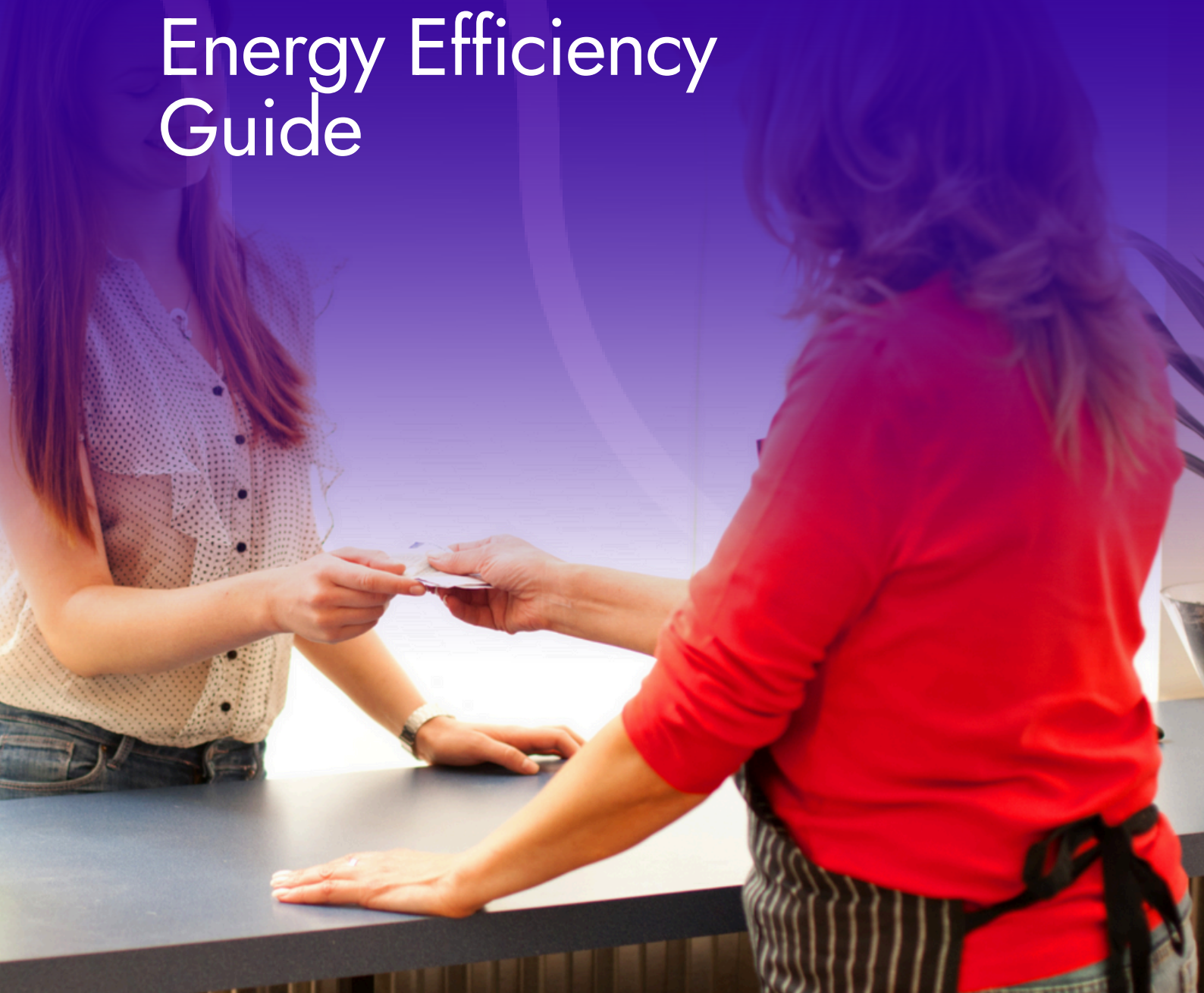




RETAIL

Energy Efficiency Guide



Good for Business & the Planet



Why Energy Efficiency Matters for Retail

Energy costs can eat into tight margins. Lighting, heating, refrigeration, & point-of-sale equipment all add up.

- 70% of shoppers say sustainability influences their purchases.
- Regulation is tightening, energy Performance Certificate (EPC) standards, & net zero targets are already reshaping how properties & leases are managed.
- Savings are within reach. Many improvements are low-cost, easy to implement, & pay back quickly.

Smart Meter & Visualisation

If you can't see your consumption data you can't control it.

- Mapping usage identifies peaks
- Visualising out-of-hours consumption identifies wastage

Understand your Energy

Before making changes, it's essential to understand what's driving your energy consumption.

- Lighting often 40–60% of energy use
- Heating & cooling especially in larger stores
- Refrigeration in food/convenience settings



Quick Wins

LED Lighting

Swap halogens & fluorescents

Lighting Motion Sensors

Storerooms, staff toilets, & back offices

Set Thermostats Correctly

19-21°C (winter) & 24-26°C (summer)

Heating & Lighting Timers

Avoid out-of-hours waste

Close doors - retain temperature

Install door closers if needed

Switch off equipment & lights

If unused disconnect plugs to reduce standby draw

Clean HVAC

Clogged air vents & filters reduce efficiency



Long Term

HVAC

More efficient models, or install zoned heating & cooling controls

Solar

Install solar PV on roof space (where applicable).

Refrigeration

Replace old refrigeration units with energy-rated models.

BMS

Add Building Management Systems (BMS) to automate & optimise energy use.

Insulation

Improve glazing or insulation to reduce heat loss in older shopfronts.

Battery

Consider battery storage in areas with peak pricing or solar capacity.



Operational Tips & behavioural changes

Lower Cost

Lower Carbon

Drive Traffic

Boost Efficiency

-
- **Train staff**
 - Teach energy-conscious behaviours and ways of working
 - **Create Champions**
 - Give people a chance to become sustainability leaders
 - **Use visual prompts**
 - (e.g. "Switch it off" at exits or tills)
 - **Display energy reduction goals**
 - Engage staff & customers in your journey
 - **Review your usage with the team**
 - Make it part of your meetings to ensure they are involved
 - **Assign responsibility**
 - Even if it's one person doing a 5-minute check each evening



Summary

Smart meters

Install a monitoring system

Consumption data

Understand your usage patterns

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Resources on the Sustainability hub

Switch your lighting

To LED if you haven't already

Educate staff

On small behaviour changes

Zero energy emissions

Switch to a green tariff



More from PE

At PE we want to do everything we can to support our clients.

We can offer 1-1 consultancy on sustainability where we can deep dive your business.

To find out more please contact us!

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