

ENERGY WASTE REPORT

£65,451 a year is being used when the building is empty

An analysis of 365 days of half-hourly consumption at Example Hotel Group Ltd, separating the load the site needs from the load it leaves running.

Prepared by Omnium • 31 August 2026 • Example Hotel Group Ltd • 365 days analysed

37 kW

Average overnight demand,
midnight to 6am

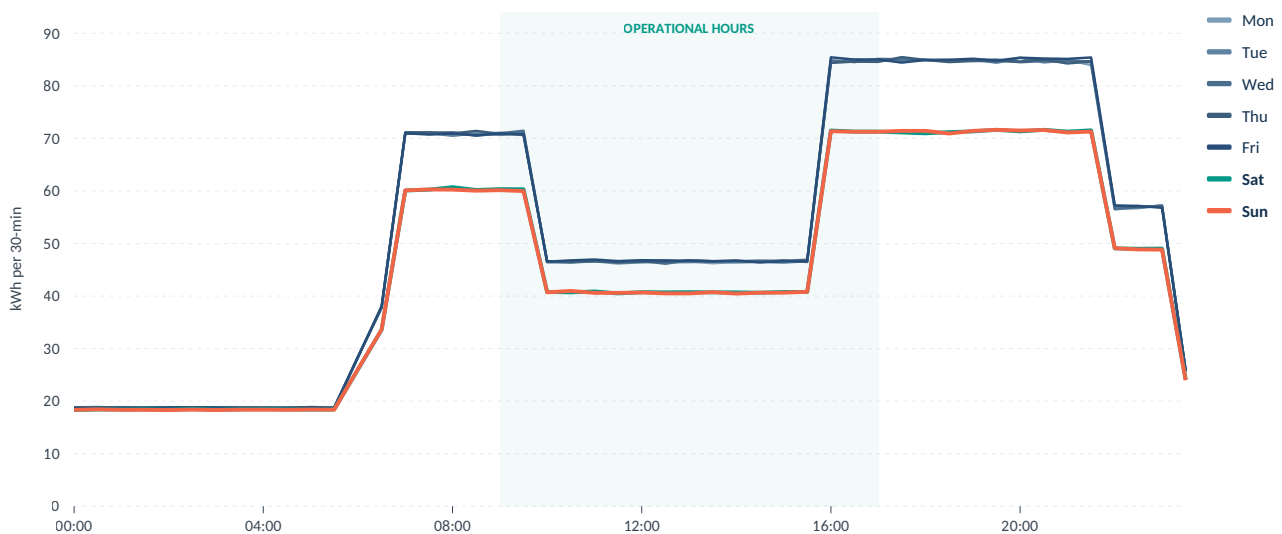
36%

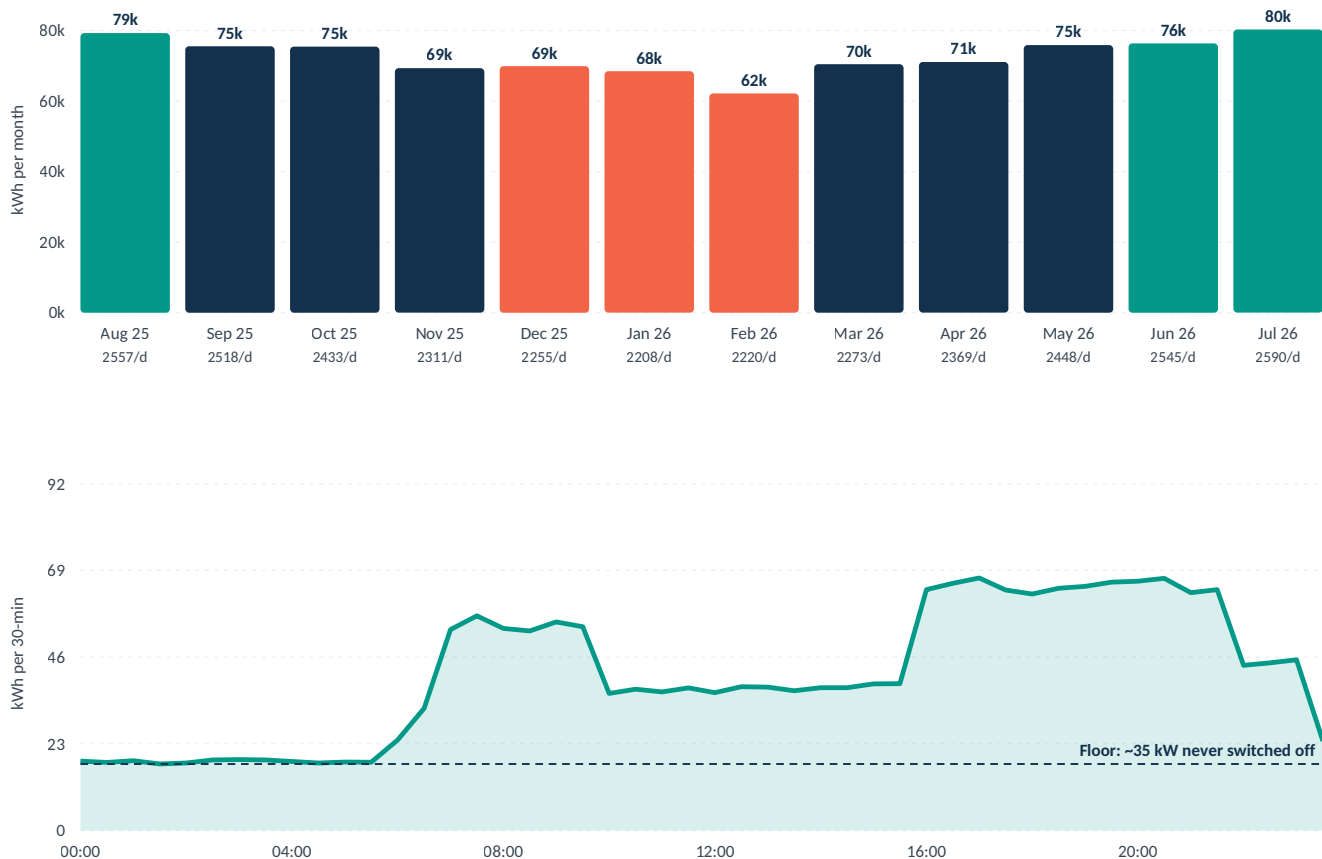
Always-on baseload as a share of total annual
consumption

£65,451

Annual cost of that overnight load, at your
own rates

Priced at your contracted 21.2p day and 18.2p night rates, not a market average. Every figure is computed from the half-hourly data.





What we would look at first, for a hotel

What this figure is, and what it is not

The overnight load is what the meter recorded, so it is real. How much of it is waste depends on what has to run: refrigeration, servers, emergency lighting and frost protection are legitimate overnight load and we have not netted them off. Treat £65,451 as the size of the thing worth investigating, not as a saving available on Monday.

Carbon

This consumption represents about 114,506 kg CO₂e a year on the 2026 factors. The 2026 factor set changed how the grid figure is calculated, so it absorbs two years of grid change at once and is not comparable year on year with figures prepared on the 2025 set. Grid electricity falls about 26% between the two. If you are restating a prior year, that fall is mostly the factor change and not a reduction in what your sites used.

Want the overnight load looked at properly?

A site walk-down at 3am tells you in one night what a year of data can only point at. We can arrange one, or work through the profile with your team on a call.



Sources & notes

- Half-hourly consumption data for Example Hotel Group Ltd, 365 days analysed.
- Priced at your contracted 21.2p day and 18.2p night rates, not a market average.

- Carbon figures use UK Government (DESNZ/DEFRA) 2026 GHG conversion factors (published 11 June 2026): electricity 0.13096 kgCO₂e/kWh (Scope 2, location-based), gas 0.18231 kgCO₂e/kWh (gross CV); IPCC AR5 GWP-100. Indicative, not a verified carbon audit.
- Always-on baseload is the mean of each day's minimum half-hour, projected across the year. It is not the overnight share of a single day.
- Prepared for the exclusive use of Example Hotel Group Ltd.



What the building needs. What it leaves running.

Half-hourly consumption at Example Hotel Group Ltd, analysed over 365 days and priced at your own contracted rates. What the site needs, and what it leaves running.

[Schedule a call →](#)

TALK TO US

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Making energy make sense



CERTIFIED B CORPORATION

Omni is a Certified B Corporation, scoring 98.9 on the B Impact Assessment, nearly double the median for ordinary businesses (50.9). Certification means we are legally accountable to balance profit with social and environmental performance.

REGULATORY & CORPORATE

COMPANY REG

14666993

VAT REG

435063219

ICO REG

00012783079

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