Omnium®

SPECIMEN · ILLUSTRATIVE EXAMPLE

BILL VALIDATION · ELECTRICITY · EXAMPLE ENERGY SUPPLY LTD

Validated for payment: invoice #SP0001

An independent check of this electricity invoice against the signed contract, covering the contracted rates and the arithmetic on every line.

Prepared by Omnium · 31 August 2026 · Example Restaurants Ltd · Example Restaurants, Site 1

COMPANY	**Example Restaurants Ltd**	SITE	**Example Restaurants, Site 1**
SUPPLIER	**Example Energy Supply Ltd**	MPAN	**1200000000007**
SUPPLIER ACCOUNT NO.	**10000000**	METERING	**HH**
INVOICE NUMBER	**#SP0001**	INVOICE DATE	**8 July 2026**
BILLING PERIOD	**1 to 30 June 2026 (30 days)**	PAYMENT	**BACS · funds to be cleared by 22 July 2026**
CHARGES THIS PERIOD	**£10,621.62 (incl. VAT)**	AMOUNT DUE	**£10,621.62**

Validated for payment, with one thing to note

Every charge on invoice #SP0001 has been checked against the signed contract dated 12 March 2026. The contracted rates all match, and each line reconciles to the penny. On that basis the invoice is consistent with the agreement and can be paid with confidence. The decision to release payment remains yours. One item is marked NOTE below. It is not a billing error and does not affect what is payable, but it qualifies what this check proves.

Contract on file

Checked against the Example Energy Supply Ltd agreement for Example Restaurants Ltd, signed 12 March 2026, fixed term 01 April 2026 to 31 March 2028. Contracted terms: energy day 21.2p/kWh; energy night 18.2p/kWh; standing charge 3850.0p/day; capacity charge 7.15p/kVA/day; agreed capacity 200 kVA. Pass-through charges are billed at cost under the contract and are checked for arithmetic and presence only.

Line-by-line check

Item	On the invoice	Per contract	Result	Basis
MPAN / supply point	1200000000007	1200000000007	PASS	
Meter reads	2 read(s): Actual, Estimated	actual or smart read	NOTE	1 of 2 reads estimated, so the billed volume is not a measured figure. Arithmetic below is still checked.

Item	On the invoice	Per contract	Result	Basis
Energy day rate	21.2p/kWh	21.2p/kWh	PASS	
Energy day	£6,099.90	£6,099.90	PASS	28,773.11 kWh x 21.200p
Energy night rate	18.2p/kWh	18.2p/kWh	PASS	
Energy night	£881.96	£881.96	PASS	4,845.93 kWh x 18.200p
Standing charge rate	3850.0p/day	3850.0p/day	PASS	
Standing charge	£1,155.00	£1,155.00	PASS	30 days x £38.50
Capacity charge rate	7.15p/kVA/day	7.15p/kVA/day	PASS	
Capacity charge	£429.00	£429.00	PASS	200 kVA x 30 days x 7.150p
Climate Change Levy	£269.29	£269.29	PASS	33,619.04 kWh x 0.801p (pass-through)
Meter agents: MOP	£7.20	£7.20	PASS	30 days x £0.24 (pass-through)
Meter agents: DC and DA	£9.00	£9.00	PASS	30 days x £0.30 (pass-through)
HH volume vs billed	33,619.04 kWh	33,619.04 kWh	PASS	within 0.5% settlement tolerance
HH day/night split	28,773.11 / 4,845.93 kWh	28,773.11 / 4,845.93 kWh	PASS	contract day window 07:00 to 23:00
Peak demand vs agreed capacity	91.5 to 102.2 kVA peak	200 kVA agreed	PASS	Max half-hourly demand, 13 Jun 18:00. 48.9 to 54.2% headroom this period. Screening only, not an annual assessment.
Sub-total	£8,851.35	£8,851.35	PASS	sum of every line above
VAT at 20%	£1,770.27	£1,770.27	PASS	20% of sub-total
Charges for this period	£10,621.62	£10,621.62	PASS	sub-total + VAT

What we checked, and what we did not

What we checked. We confirmed the contracted rates match the signed contract, and that every line and the totals are arithmetically correct. We also reconciled the billed volume, the day/night register split and the peak demand against the half-hourly record for this period, so the quantities on this invoice have been checked and not simply accepted.

What we did not. The half-hourly record is the data collector's own, so we have not independently metered the site. The supplier states that part of this period's volume was estimated, and the half-hourly extract carries those estimated periods without marking them, so the two agreeing shows they are consistent rather than that either is measured. Nor did we check whether each pass-through charge sits at the correct current regulated level, which only the network, the regulator and HMRC set; pass-through charges can change during the contract and are billed at cost.

Consumption on record

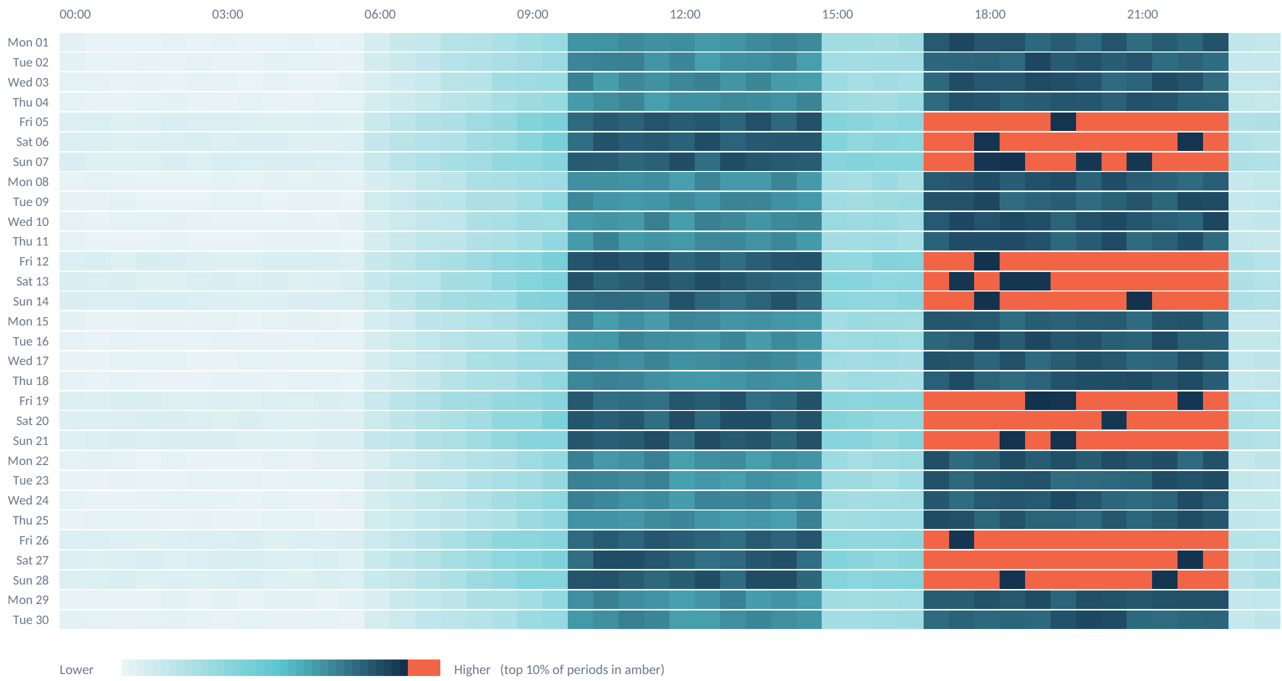
This is the first period on record for this meter, so there is nothing to compare it against yet. Each validated invoice adds to the record, and a like-for-like comparison becomes available from the next one.

HALF-HOURLY REFERENCE

How the site actually consumed

The half-hourly record is what the invoice was checked against above. It also shows the shape of the load, which is where anything left running tends to reveal itself.

33,619	86.9	18.3	21%
KWH METERED	PEAK KW	TYPICAL OVERNIGHT KW	OVERNIGHT VS PEAK



Five highest periods

Period start	kWh	kW	Cost
Sat 13 18:00	43.46	86.9	£9.21
Sat 06 19:30	43.44	86.9	£9.21
Sun 14 17:30	43.36	86.7	£9.19
Sat 27 18:30	43.35	86.7	£9.19
Sat 27 20:30	43.32	86.6	£9.18

Five highest out-of-hours

Period start	kWh	kW	Cost
Sat 20 23:00	15.64	31.3	£2.85
Sun 14 23:00	15.57	31.1	£2.83
Fri 05 23:30	15.55	31.1	£2.83
Sun 07 23:00	15.53	31.1	£2.83
Sun 28 23:30	15.48	31.0	£2.82

The overnight profile

Overnight load sits at 21% of peak, a clean shutdown profile. Nothing here suggests plant is being left on.

Peak demand

The highest half-hour was **86.9 kW**, Sat 13 Jun at 18:00. Converting to kVA needs the power factor, which is not on the invoice, so it is shown as **91.5 to 102.2 kVA** across a plausible band rather than a single assumed figure. That sits below the 200 kVA agreed capacity right across the band, so the direction holds whatever the power factor proves to be. Whether the capacity can be reduced needs a full year, because the annual maximum almost certainly falls in another month. This is the maximum *half-hourly* demand, the basis capacity is charged on; a BMS or voltage-optimiser chart samples faster and always reads higher.

This covers the 30 days of this billing period only, so it shows shape and anomaly rather than a settled pattern. Establishing whether something is persistent, quantifying it properly and costing the fix is the job of a twelve-month waste analysis, which we can run from the same data.

CARBON

The carbon behind this invoice

33,619	4.40	4.40	0.44
KWH	T CO2E LOCATION-BASED	T CO2E MARKET-BASED	T CO2E T&D LOSSES

Two figures are shown because the GHG Protocol requires both wherever a supply carries a contractual instrument. The **location-based** figure applies the UK grid average and answers what the grid emitted to serve this site. The **market-based** figure reflects what you have contracted for. Neither replaces the other, and transmission and distribution losses are Scope 3, reported separately rather than folded into Scope 2.

Is this supply renewable?

No renewable claim has been confirmed for this supply, so the market-based figure above is reported on the same basis as the location-based figure. If this supply is on a renewable tariff, tell us and we will ask the supplier for the REGO position in writing.

Comparing this with last year

A note on comparisons with last year. The 2026 UK electricity factor is roughly a quarter below the 2025 factor, and most of that fall is a change in how DESNZ calculates it rather than a change in the grid: the new method uses more recent generation data and cuts the reporting lag from two years to one. Identical consumption therefore produces a materially lower reported figure this year. Any year-on-year reduction should be described on that basis rather than presented as an efficiency gain.

Factors: UK Government GHG Conversion Factors 2026 (file version 1.2), published by DESNZ, retrieved 2026-08-05 from https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2026. IPCC AR5 GWP-100 (per the workbook Introduction sheet).

Sources & notes

- Contract terms: Example Energy Supply Ltd agreement for Example Restaurants Ltd, executed 12 March 2026, supply point 1200000000007. Source: the signed contract.
- Invoice: #SP0001, dated 8 July 2026, billing period 1 to 30 June 2026.
- Check performed by Omnium on 31 August 2026. All lines and totals re-derived from rates and billed units.
- Half-hourly data as supplied for the billing period, used to reconcile billed volume, the day/night split against the contract window, and peak demand.
- Carbon factors: UK Government GHG Conversion Factors 2026 (file version 1.2), DESNZ, retrieved 2026-08-05.
- General information to support your own payment decision, not a guarantee of the supplier's meter readings or of pass-through levels set by third parties.

We check every line against what you signed.

Omnium validates supplier invoices against your contracted terms, so a billing error never quietly becomes your cost. Independent, transparent, and with our commission shown on the rate.

Schedule a call →

TALK TO US

01202 985126

hello@askomnium.co.uk
Mon to Fri, 9am to 5pm

HEAD OFFICE

Omni Management Ltd

18 Albert Road
Bournemouth BH1 1BZ

ONLINE

askomnium.co.uk

hello@askomnium.co.uk
Making energy make sense

Certified B Corporation

CERTIFIED B CORPORATION

Omnium 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	VAT REG	ICO REG	ADR REG	DRO REG
14666993	435063219	00012783079	C35OMNI01	E3362