


How To: Read Your Business Half Hourly Electricity Bill

Your company's half-hourly electricity bill explained!

Click on the numbers below to view information on that aspect of your half-hourly electricity bill.

For Enquiries contact: James Smith Telephone: 0845 123 4567 Write to: Smith House, Glenville, GL4 49T For power failure: 0844 384 4856 Write to: Customer Service Centre, PO Box 1234, Glenville, GL4 49T			
Smith Industries 1 33 Elm Drive Dulston London DU2 8GD		<i>This is your first invoice - Please see end of section for contact details.</i>	
Invoice		Amount £	
Outstanding Balance 2	£	0.00	0.00
Present Invoice			
Total fixed charges	250.40	3	
Total consumption charges	5084.43	4	
	SUB TOTAL		4334.83
CCL on 42485 KWH @ 0.456 pence per unit	193.73	5	
	CCL TOTAL		193.73
VAT on £5628.56 @ 17.5%	967.50	6	
	VAT TOTAL		967.50
PAYMENT DUE BY 04 DEC 09	TOTAL		6496.06
Account Number 10239485 7	Period of supply 01 Oct 09 - 31 Oct 09 8	Date of invoice 20 Nov 09 9	Invoice 0001 10

Billing Detail

Amount £

Fixed Charges	£	
Availability charge 2000C1.00/KVA	216.00	12
Combined HH Data Charges	18.00	13
Settlement agency fee	1.25	14
Standing charge	15.15	15
TOTAL FIXED CHARGES		250.40

Consumption Charges

16	Price per unit	Total units	Amount £
Unit Charge (DAY RATE)	0.124966	3396.2	4244.10
Unit Charge (NIGHT RATE)	0.094966	8523	840.33
TOTAL CONSUMPTION CHARGES			5084.43
TOTAL ENERGY CHARGES			5334.83

Meter Reading Information

Meter Number 17	Rate	Unit Type	Units
02C3450003445	NIGHT	KWH	8523
2000034684376	DAY	KWH	3396.2
		MD 18	103

E - Denotes estimated reading, S - Denotes customer reading

Power demand and other important information

Default power factor of 0.90 used in calculation **19**

Meter reading date: 31st Oct 09

Maximum demand occurred on 04 Oct 09 between 22:30 and 23:00

Contract details for this invoice period: **20**

Payment method is BAICS

Payment term is 14 days

Profile class is 00 **21**

S	00	070	453	22
	20	0005	1926	764

HH (Half-Hourly) Electricity Bill Explained

1. Billing address – the address where your bills are sent to
2. Outstanding Balance – balance brought forward from previous bills
3. Total fixed charges – total of any fixed charges which will include the Availability charge, combined HH data charges, settlement agency fees and standing charges.
4. Total Consumption Charges – total of the day & night usage charges (total units multiplied by the unit rates)
5. CCL on 42485 kWh – total climate change levy charge based on the total units
6. VAT on £5528.56 @ 17.5% - VAT charged on the Net total (inc. CCL)
7. Account Number – the account number for the site
8. Period of Supply – Dates of which the supply period runs to and from
9. Date of Invoice – the date the invoice was created

10. Invoice – Invoice number
11. Supply Address – the actual site address that the electricity has been supplied to
12. Availability Charge 200 @ £1.08/KVA – This refers to the agreed supply capacity (ASC) of the site. In this case its 200KVA. The Availability Charge is determined by taking the ASC and multiplying it by the rate e.g. £1.08.
13. Combined HH Data Charges – if the customer doesn't have their own agreement with a DC, the supplier will charge to collect the HH data
14. Settlement Agency Fee – a charge for the HH data cabling and service
15. Standing Charge – a fixed charge passed through and determined by the distribution network operator - covers their maintenance and administration costs of supplying the site. May also include commission.
16. Unit Charge DAY/NIGHT RATE – details the rate at pence per kWh hour, the total usage and the amount that will be charged
17. Meter Number – this is the meter serial number that appears on front of your meter
18. MD – this is the Max Demand, it is the highest peak in any HH during a month period. This can be measured in either kW or kVA (it is detailed below the date and time when the MD occurred)
19. Power Factor – this relates to the efficiency of the site. If the site has a poor power factor, the DNO can charge you for this
20. Contract Details – tells you how you currently pay for your bills and the payment term period.
21. Profile Class – identifies the type of the electricity supply. 00 = Half Hourly Supply, 01-02 = domestic supply (NHH), 03-04 = quarterly supply (NHH) and 05-08 = monthly supply (NHH).
22. MPAN Supply Number – Meter Point Administration Number. This number uniquely identifies a meter point and allows suppliers to know what type of metering is installed at site.