



Lesson 9:
How much does energy cost?



Part of Energy Queensland



What have we learnt so far?

In our previous lesson we measured how much energy different appliances around our school use.

Using the data tables in your booklets:

- Which appliances used the most energy?
- If they used more energy, do you think they will cost more to run?



Today's task!

Using the data gathered in our previous lesson, we will calculate how much different appliances will cost to run!

Learning intention:

- Calculate how much it costs to run different appliances around our school - energy assessment part 2
- Understand that more energy efficient appliances are cheaper to run as they do not waste energy as heat.



How electricity bills are calculated

Running electrical items costs money! Having energy efficient appliances means they are cheaper to run because less energy is wasted as heat.

Energy is calculated using:

- kWh = this means 'kilo watt per hour'
- Kilo watt = how much energy
- Per hour = in one hour
- KWh = how much energy is used in 1 hour

My Home Electricity Account
Ergon Energy Queensland Pty Ltd ABN 11 121 177 802 Tax Invoice No. 352932518165

MISS A SAMPLE
123 AVENUE ST
TOWN QLD 4714

MY ACCOUNT DETAILS
Account number: **A-1234A123**
For supply at: **123 AVENUE ST TOWN QLD 4714**
National Metering Identifier (NMI): **3031234567**
Bill issue date: **21/12/2023**

HOW MUCH DO I OWE?
Total due **\$281.87**
When is my payment due? **04/01/2024**

NEED HELP?
Enquiries and complaints
Ergon Energy Retail
13 10 46 or
ergon.com.au/contact
Energy and Water Ombudsman Qld
1800 662 837
Faults enquiries
Ergon Energy Network
13 22 96
Life-threatening emergencies
Triple Zero (000) or
Ergon Energy Network
13 16 70

Compare plans from other retailers at Energy Made Easy www.energymadeeasy.gov.au

HOW TO PAY YOUR BILL
PAY ON OUR WEBSITE
Online at ergon.com.au/paypoint
Bill Code: 45057
Ref: 5023456789
PAY BY PHONE
Call 1300 877 300
Ref: 5023456789
PAY BY DIRECT DEBIT
Call 13 10 46
PAY BY BPAY
Bill Code: 45057
Ref: 502 234 567 89
Mobile & Internet Banking - BPAY*
Make the payment from your personal bank account
*Payment to Ergon Pty Ltd ABN 11 121 177 802
PAY BY MAIL
Cheque or money order payable to:
Ergon Energy Retail
PO Box 9611, Parramatta NSW 2124
Cut this section off and post with payment.
PAY IN PERSON
At any Post Office
Post Billpay
Bill Code: 0468
Ref: 5023456789
Pay online at www.ergon.com.au/pebillpay
Pay by phone 13 16 16
Pay by phone 13 16 16
*468 5023456789 \$281.87

MY PLAN SUMMARY
Tariff 11 - Residential Flat Rate
Tariff 33 - Controlled Supply
Solar Exports - Solar feed-in for Regional Queensland
Clean Energy Subscription 10%

Entity (kWh)	Days	Rate (GST Excl)	Amount (GST Excl)	GST	Amount (GST Inc)
19/12/22	986	\$0.22135	\$218.25	\$21.82	\$240.07
12/22	92	\$0.90408	\$83.17	\$8.32	\$91.49
689		\$0.17400	\$119.89	\$11.98	\$131.87
			SUB-TOTAL	\$421.31	\$463.43
		\$0.15333	\$14.10	\$1.41	\$15.51
			SUB-TOTAL	\$14.10	\$15.51

PLAN SUMMARY 21/09/22 - 19/12/22
Balance prior to this bill **\$0.00CR**
New Charges
Electricity Charges **\$463.43**
Other Charges **\$15.51**
New Credits
Solar Credits **\$94.86CR**
Dates and Other Credits **\$102.21CR**
FINAL AMOUNT DUE \$281.87

Amount Paid
\$50.00
\$50.00
\$50.00
\$50.00

Amount Due
\$643.11
\$387.79
\$689.79
\$509.87

to land, waters and community. We pay respect to Elders past and present.
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Energy Costs – Measuring Electricity Booklet

You will now work through part 2 of your Measuring Electricity Booklet to calculate the cost of running different appliances in your school.

Follow along with your teacher in class discussion and as they model on the board.

