

Lesson 9:
How much does energy cost?



Part of Energy Queensland



ENERGY DETECTIVES





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.

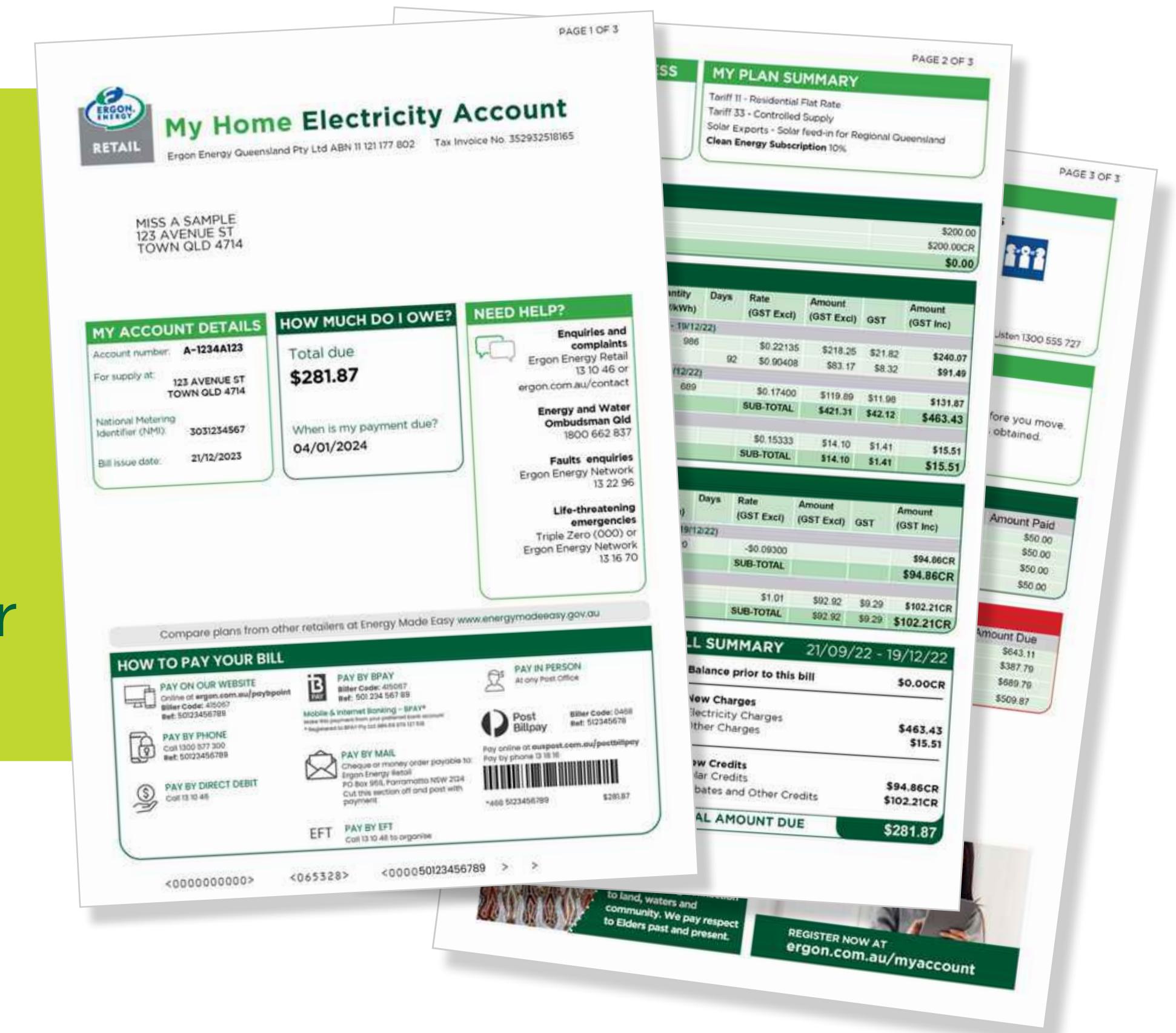


How electricity bills are calculated

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



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.

