THE SNOWY 2.0 POP UP BOOK
KNOWLEDGE QUEST

Jim - the engineer

Hi! Jim here, so glad you have been getting to know all about the Snowy 2.0 project. I've got a few questions that will help you understand more about our next chapter.

1 Dams are filled with

rain and _melting snow_

2 What happens to the water when you open the gate?

Water flow

Turns the turbines to generate electricity

Irrigation

3 The Snowy Scheme was built between

_1949_ and _1974_

What is the next chapter?

Snowy 2.0

4 What makes the design of Snowy 2.0 unique to the Scheme?

Power station has reversible turbines that pump water back to the top dam to reverse/recycle water

5 Were the Snowy Scheme dams already built?

TICK ANSWER

X Yes   ● No

6 Tick the correct name of the digging tool

● Tunnel digging machine

● Tunnel drilling machine

X Tunnel boring machine

Jane - the energy trader

Hello, Jane here, I hope you have learned more about how Snowy 2.0 helps make Australia's renewable energy affordable and reliable. Have a go at these questions to test yourself.

1 What are the top 5 sources of Australia's energy?

Coal   Gas

Hydro   Wind

Solar

2 Over time, _renewables_ will play a much bigger role in the energy market.

3 When supply exceeds demand in the grid, what can Snowy 2.0 do?

● Go to sleep

X Use excess energy to pump water to the top dam to reuse

● Monitor excess energy at lunch time

4 When energy demand is high, Snowy 2.0's generation could _be needed to cover peak times_

Alex - the construction engineer

Hi there, I'm Alex and I love numbers, data and stats. I hope you do too... check out the questions below and see how you go!

1 Where is Snowy 2.0 currently being built?

TICK ANSWER

○ Sydney

○ At the top of Mount Kosciuszko

X Within the existing Snowy Scheme in Kosciuszko National Park

○ Melbourne

2 Snowy 2.0

can provide energy to ___500,000___ homes at the same time

3 Will Snowy 2.0 create jobs?

X yes

or

● no

4 How many kilometers of waterway tunnels will there be? ___27kms___

How far underground will the pumped-hydro power station be? ___800m___

5 What is your favourite statistic?

Students own answer...

Lisa - Procurement

Hello, I'm Lisa. I live and work in my community, like so many people do in our region. Hope you enjoyed meeting some of my friends who are also contributing to the Snowy 2.0 project.

1 Will Snowy 2.0 benefit the local region?

● No   **X** Yes

2 CHALLENGE QUESTION
Listen to and read some of the local regional stories. In your opinion how will Snowy 2.0 benefit the local economy and growth of the area?

Write your ideas here:

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