

# THE SNOWY 2.0 POP UP BOOK

## KNOWLEDGE QUEST



popupbook.snowyhydro.com.au

Engineering  
Activity 2



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

\_\_\_\_\_ and \_\_\_\_\_

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


3 The Snowy Scheme was built between

\_\_\_\_\_ and \_\_\_\_\_

What is the next chapter?

\_\_\_\_\_

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

Hint: box 3

5 Were the Snowy Scheme dams already built?

TICK ANSWER



Yes



No

6 Tick the correct name of the digging tool



Tunnel digging machine



Tunnel drilling machine



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.

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


8 Over time, \_\_\_\_\_ will play a much bigger role in the energy market.

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



Go to sleep



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



Monitor excess energy at lunch time

10 When energy demand is high, Snowy 2.0's generation could

\_\_\_\_\_

### 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!



**11** Where is Snowy 2.0 currently being built?

TICK ANSWER

- ☐ Sydney
- ☐ At the top of Mount Kosciuszko
- ☐ Within the existing Snowy Scheme in Kosciuszko National Park
- ☐ Melbourne

**12** Snowy 2.0

can provide energy to \_\_\_\_\_  
homes at the same time

**13** Will Snowy 2.0 create jobs?

- ☐ yes  
☒ or  
☐ no

**14**

How many kilometres of waterway tunnels will there be? \_\_\_\_\_

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

**15** Write down your favourite statistic:

### Lisa - Procurement

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



**16** Will Snowy 2.0 benefit the local region?

- ☐ No ☐ Yes



**17** 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: