

# SCIENCE OF THE SNOWY SCHEME

## with Kirsten Banks

### WATER

#### Multiple choice questions

1

Where are Kirsten and Jeremy?

CIRCLE ANSWER

Talbingo Reservoir

Tantangara Reservoir

Lake Eucumbene

2

What is unique about Lake Eucumbene?

CIRCLE ANSWER

Largest and central

Smallest and to the left

Broken into two parts

3

What are the two developments that water can go to for electricity generation?

CIRCLE ANSWER

Sydney and Melbourne Developments

Tumut and Murray Developments

Adelaide and Canberra Developments



#### Listening skills

The water at Lake Eucumbene is used for generating electricity. Can it be used for anything else?

Agriculture and environmental releases in line with the Snowy Hydro water licence.

Explain the original vision of the Snowy Scheme

Designed to offset and mitigate the effects of drought and to support irrigated agriculture development.

What are the names of the two rivers mentioned?

1) Murrumbidgee River

2) Murray River

Colour in the irrigation areas green



### Questions

1. Does Snowy Hydro own the water? Circle Yes |  No
2. Does Snowy Hydro have a water licence? Circle  Yes | No
3. Does Snowy Hydro collect, store, divert and release water? Circle  Yes | No

### Multiple choice questions

1

If Lake Eucumbene was full, how many gigalitres could it hold?

CIRCLE ANSWER

43 Litres active storage

4,300GL active storage

43,000GL active storage

2

Approximately how many times could Sydney Harbour fit into lake Eucumbene?

CIRCLE ANSWER

19

109

9

Draw a map of where Lake Eucumbene is located in the Snowy Scheme



Scan this QR code to see a map for reference