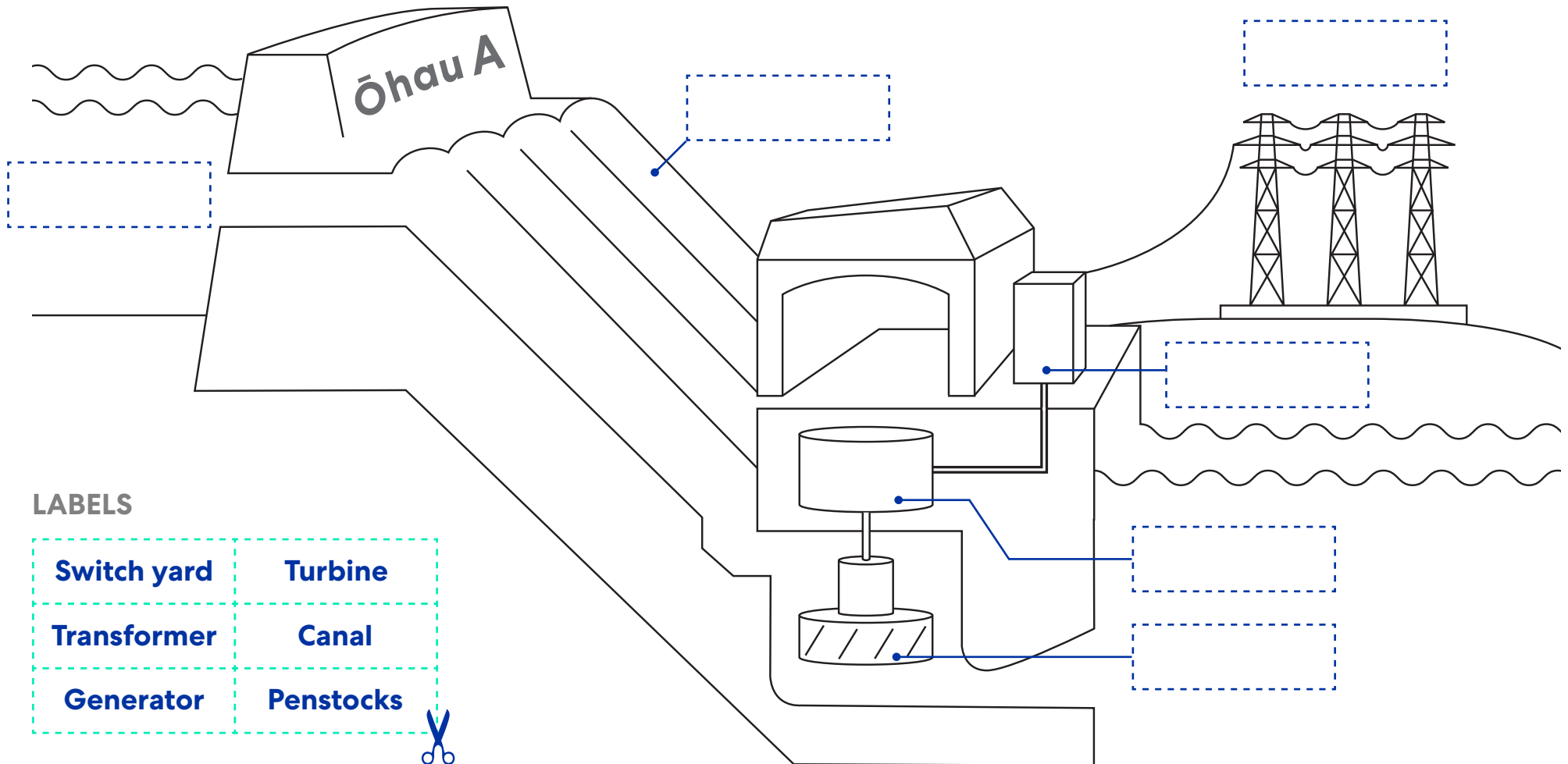


# Cross section of a hydro power station

Cut out and paste the labels below onto the correct placeholders.  
Alternatively write the names in the appropriate text box

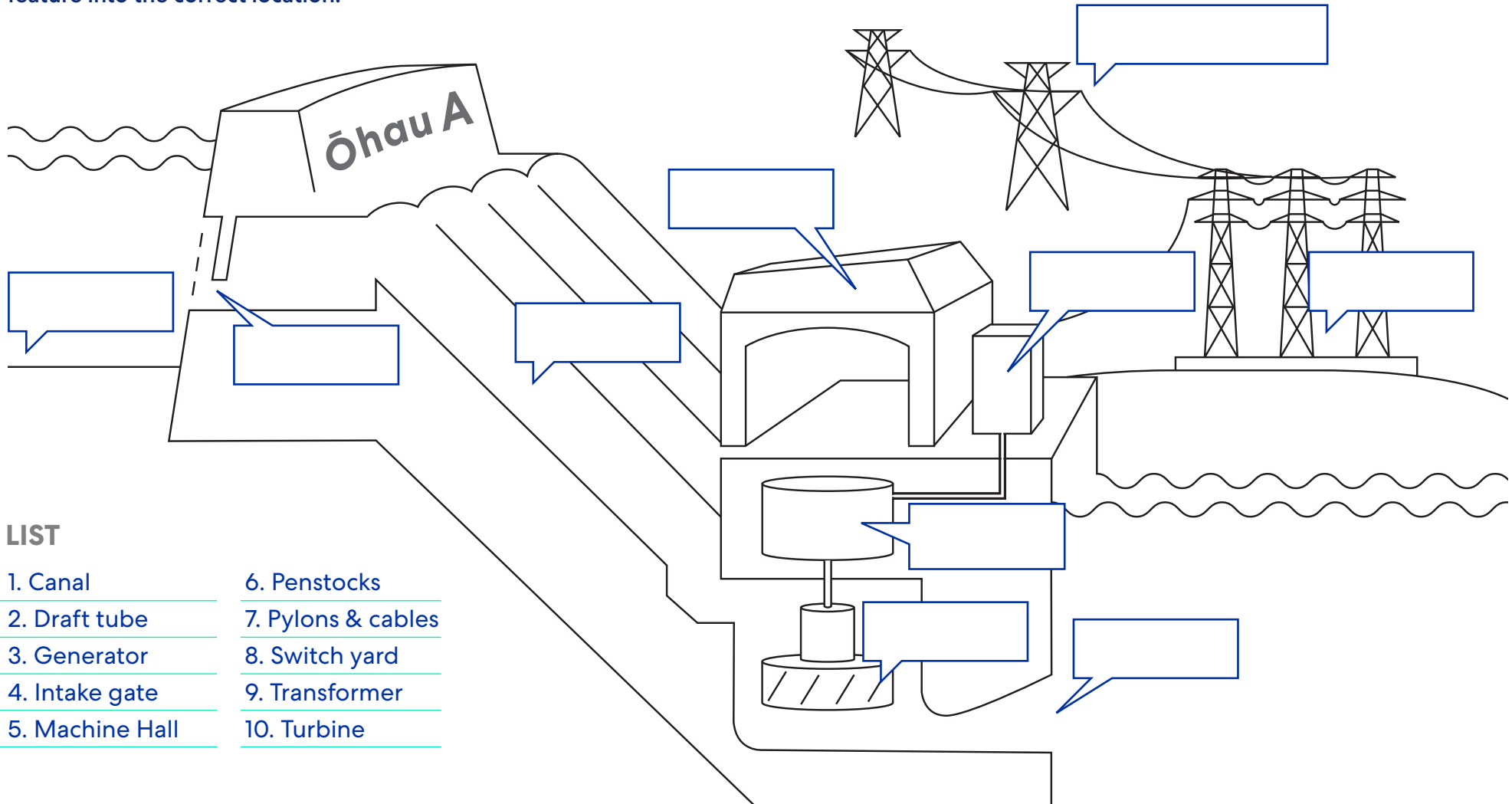


# Cross section of a electric power station



Meridian.

Using the list below, write the correct feature into the correct location.

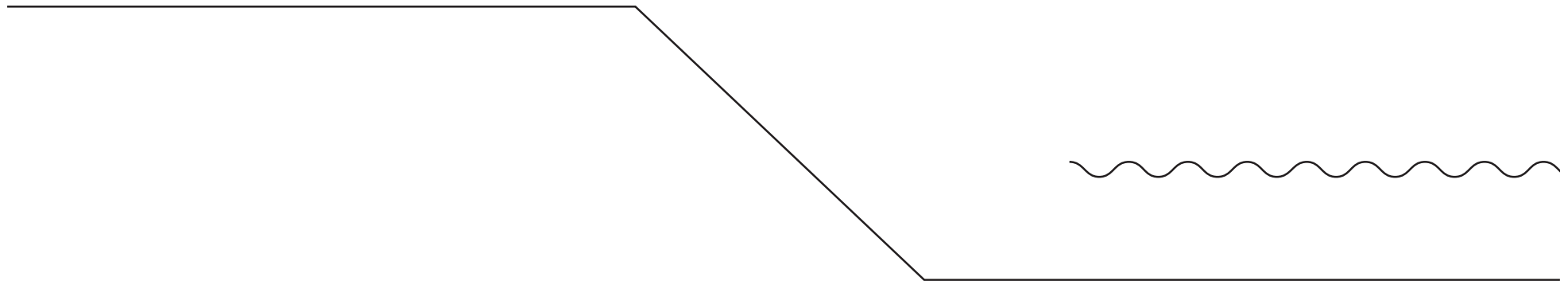


## LIST

- |                        |                               |
|------------------------|-------------------------------|
| <u>1. Canal</u>        | <u>6. Penstocks</u>           |
| <u>2. Draft tube</u>   | <u>7. Pylons &amp; cables</u> |
| <u>3. Generator</u>    | <u>8. Switch yard</u>         |
| <u>4. Intake gate</u>  | <u>9. Transformer</u>         |
| <u>5. Machine Hall</u> | <u>10. Turbine</u>            |

# Hydro electric power station

Design a cross section of a power station using the water and ground levels below.



# Hydro electric power stations

Use the images below to complete the cross section on page 2.

Benmore hydro station



Aviemore hydro station



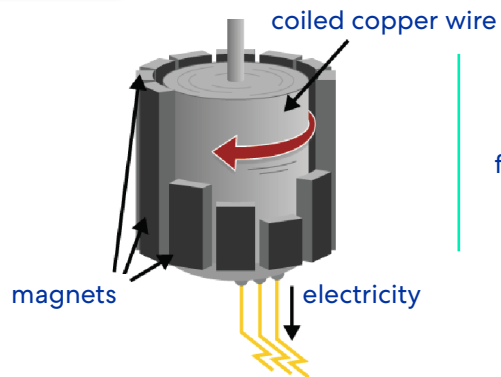
Ōhau A hydro station



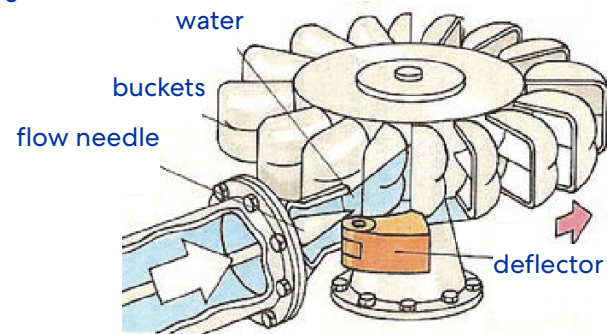
Ōhau B hydro station



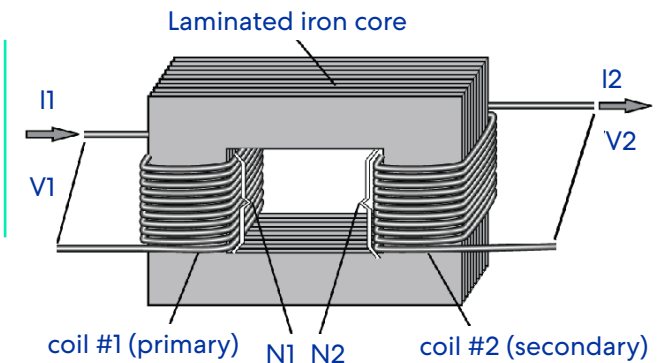
Generator



Turbine



Transformer

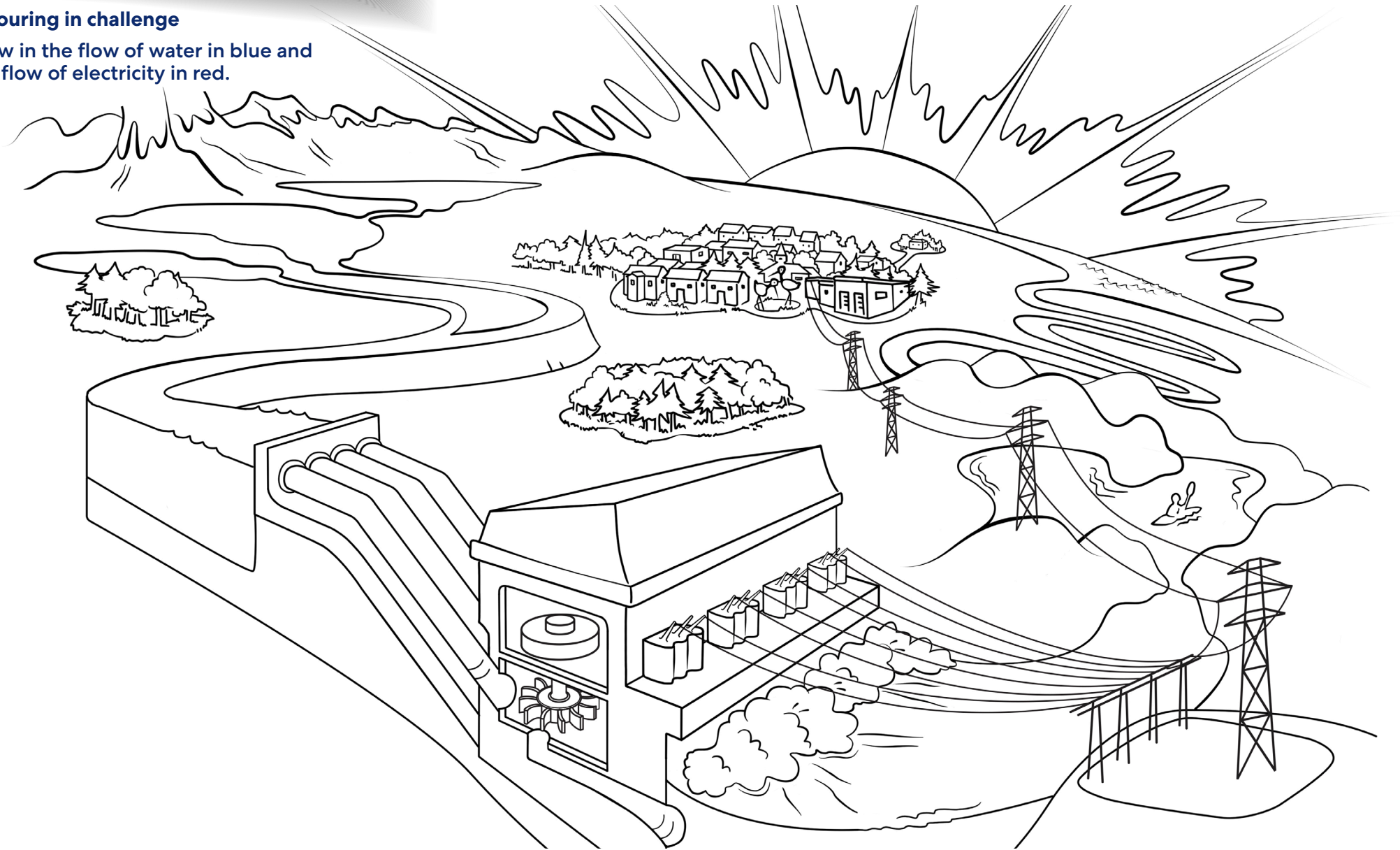


# Ōhau A hydro station



## Colouring in challenge

Draw in the flow of water in blue and  
the flow of electricity in red.



# Manapōuri hydro station



Meridian.

## Colouring in challenge

Draw in the flow of water  
in blue and the flow of  
electricity in red.

