



Otutataragi (Japan)



Fengning (China)



Snowy Hydro (Australia)



Yangyang (South Korea)

Watts in the Water

Across

- 3 A pumped hydro system needs an upper and a lower storage _____.
- 5 Pumped hydro helps make NSW's power supply more _____ for homes and businesses.
- 9 When electricity demands are low and there is extra electricity water is pumped _____.
- 11 Hydropower supplies around 14% of the world's _____.
- 12 Very little _____ is lost in pumped hydro because it is cycled between two reservoirs.

Down

- 1 Pumped hydro acts like a natural _____, storing potential energy in water.
- 2 Many WaterNSW sites are well suited to _____ hydro because of their existing water reservoirs.
- 4 Pumped hydro is a low carbon, clean, _____ energy source.
- 6 Water flows by _____ from the upper to the lower reservoir.
- 7 Electricity is created when the water runs downhill through a _____.
- 8 The stored water in the upper reservoir has _____ energy.
- 10 Pumped hydro _____ energy when we have lots of electricity and creates electricity when we need electricity.

Across: 3 reservoir, 5 reliable, 9 uphill, 11 electricity, 12 water potential, 10 stores
 Down: 1 battery, 2 pumped, 4 renewable, 6 gravity, 7 turbine, 8