

# Pumped Hydro Storage

Re-Energy  
Worksheet  
Grade Level 7-12



## Assessment:

Trial	Design	Measurements	Observations
1	Height:  Vol Water:	Charge energy: Discharge energy: Difference:	
2	Height:  Vol Water:	Charge energy: Discharge energy: Difference:	
3	Height:  Vol Water:	Charge energy: Discharge energy: Difference:	
4	Height:  Vol Water:	Charge energy: Discharge energy: Difference:	
5	Height:  Vol Water:	Charge energy: Discharge energy: Difference:	

\*The charge energy is the energy used to move the water from the lower reservoir to the upper reservoir. The discharge energy is the energy released when the water moves on its own from the upper reservoir to the lower reservoir.

1. Explain why your results do or do not make sense. What was the overall energy difference? What does this mean?

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