

Bozeman AP Environmental Science | Big Idea #5 - Energy Resources & Consumption
026 - Hydroelectric Power

Name: _____ Block/Period: ____ Date: _____

Students: It is recommended that you watch the video with subtitles ON; be prepared to pause and rewind. The video is ~10 minutes long, but this worksheet will take you around ~30 to 35 minutes to complete. There will be a review / discussion afterwards requiring you to record corrections AND summarize additional material / information.

Description (-½ point for each time the rubric is not followed)	Point Value
Each question has been answered	0 ½ 1
Each question has been answered in a full sentence	0 ½ 1
Each answer has avoided 'it' or 'they' statements, by being clear on the topic of the answer	0 ½ 1
<i>Review:</i> Answers that were incorrect are corrected, <i>in a different color</i>	0 ½ 1
<i>Discussion:</i> 2 OR more <i>summary</i> statements of the additional material / information, <i>in a different color</i>	0 ½ 1
Score:	____ / 5

1. Hydroelectric Power is power created by the _____.

2. **Explain** why the Three Gorges Dam has made China the leading producer of Hydroelectric Power.

4. **Analyze** how precipitation and runoff can be used to capture energy in a Hydroelectric system.

5. **Analyze** how we can generate Hydroelectric Power using the tides.

6. **Define** a run-of-the-river system.

7. **Describe** one benefit/problem of a run-of-the-river system.

8. **Define** a impoundment system.

9. **Fill-in** the advantages vs disadvantages of impoundment systems.

Advantages	Disadvantages