

EXAMINATION QUESTIONS - OFF SHORE WATER TURBINES

HELPFUL LINK: <https://technologystudent.com/energy1/tidal4.htm>

1. Research is being carried out on the possibility of using offshore water turbines. They look a little like wind turbines but placed below the surface of the sea. Describe how they could be used to generate electricity. **4 marks**

2. What are the main problems associated with this type of turbine ? **2 marks**

3. How would the generated electricity be transferred to land ? **1 mark**

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4. In the space below, paste / draw an image of a proposed offshore water turbine. **4 marks**