12.2 - Energy from the environment

PJ Gibson - Peace Corps Tanzania

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- (2016) Briefly explain three major concepts on solar wind.
- (2017) State three sources of heat energy within the interior of the earth.
- (2018) What is meant by solar constant?
- (2018) List two factors on which the solar constant depends.
- (2018) Give two advantages of photovoltaic system.
- (2018) Briefly explain how photovoltaic cells work.
- (2018) Estimate the maximum power available from 10 m^2 of solar panels. Calculate the volume of water per second which must pass through if the inlet and outlet temperature of the panels are at 10°C and 60°C respectively. (Assume the wave carries away energy at the same rate as the maximum power available)

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