

**Question 22 (3 marks)**

In large scale electricity generation, mechanical energy is converted to electrical energy.

(a) Explain this conversion process.

1

The ~~electri~~ mechanical energy is converted by movement in transformers as it is passed through coils it becomes electrical

(b) Identify TWO renewable generation technologies that use this process.

2

hydro systems water pushing a mill or ~~wind turbines~~ solar energy from the Sun into solar panels.