

- 4 The photograph shows transmission cables used for long-distance transmission of electricity.



(Source: © Paul Maguire / Shutterstock)

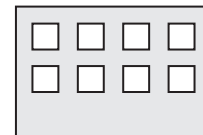
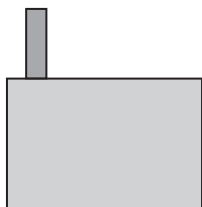
- (a) The diagram shows a power station and a school.

Add to the diagram by drawing the structures needed to efficiently transfer energy from the power station to the school using electricity.

(3)

Power station

School



- (b) Explain how the amount of current in the transmission cables increases the efficiency of the transmission of electricity.

(3)

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(Total for Question 4 = 6 marks)

