

SAC 1 B *A report in annotated poster or multimedia format.*

Outcome 1: Describe the principles of energy and relate them to the contribution of one fossil fuel and one non-fossil energy source to the enhanced greenhouse effect.

Topic: Compare one fossil and one non-fossil energy source and summarise their environmental impact

Your reports should demonstrate:

- Knowledge of the relationship between one fossil and one non-fossil energy source and the enhanced greenhouse effect. (1.....4 Marks)
- Knowledge of International, National, State and/or local strategies for reducing the impact of fossil energy sources. (1.....4 Marks)
- Understanding of the effects of one fossil and non-fossil energy source on the environment and society. (1.....5 Marks)
- Effective linking of evidence to communicate information. (1.....7 Marks)

See specific comments on your Presentation.

Remember that SACs are a valuable learning tool and feedback about your performance here should help guide your preparation for the exam that also covers this outcome and topic.

The typical performance descriptor for a top mark in this task states
‘Comprehensive use of accurate data relating to energy conversions and efficiency, transmission, absorption, radiation and dissipation and greenhouse gases. Reasoned and articulate links are made between the use of one fossil and one non-fossil energy source and their level of contribution to the enhanced greenhouse effect. A well developed explanation of relevant international, national, state and/or local strategies and protocols for reducing the impact of fossil fuel energy sources is included. Detailed analysis is evident in explaining and assessing the effects of one fossil and one non-fossil energy resource use on the environment and society.’

GRADE BAND EQUIVALENT

A+ = 19–20

A=17-18

B+ = 15-16

B=13-14

C+=11-12

C=9-10

D+ = 7-8

D=5-6

E+ = 3-4

E=1-2