



FACT SHEET

LP Gas

What is LP Gas?

LP Gas (Liquefied Petroleum Gas) is a group of hydrocarbon gases which can be liquefied under moderate pressure at normal temperatures. LP Gas describes a type of gas fuel which is transported and stored as a liquid

How is it used?

LP Gas is used to run cooking and space heating, industrial heating appliances like boilers, kilns and furnaces, for camping and caravanning appliances, as a petrol substitute and for powering mining, agricultural and industrial engines.

Challenge

LP Gas is an excellent alternative to petrol as a transport fuel. Using LP Gas reduces greenhouse emissions from a vehicle by 20%. Disadvantages of LP Gas include the capital cost of conversion and 10% less power for the same engine size.

Source: CSIRO CarbonKids Curriculum Unit, Sustainable Energy for All, pages 25-32

Acknowledgements

The Future Sparks educational materials project is being undertaken by CSIRO Education for Green Cross Australia.

These educational resources are designed to introduce teachers and students to Australia's use of 'clean energy' as one of the carbon dioxide mitigation options available for achieving significant reductions in atmospheric carbon dioxide emissions. Whilst not an exhaustive educational resource, it is intended to raise the awareness of

school-aged students about our changing climate, clean energy practices and applications and the other alternative energy technologies that reduce greenhouse gas emissions.

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The materials in this educational resource have been developed by Angela Colliver from CSIRO Education.

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