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## **NEW LNG SUPPLY FOR WEST AUSTRALIAN HEAVY DUTY VEHICLES**

Wesfarmers Energy celebrated the official opening of its 175 tonne-per-day liquefied natural gas (LNG) plant in Kwinana WA on 30 April 2009, with a ceremony attended by the Hon. Peter Collier, Western Australian Minister for Energy, the Hon Gary Gray, Member for Brand and Wesfarmers Limited Managing Director, Mr Richard Goyder.

The construction of the new LNG production facilities and downstream infrastructure has expanded the availability of LNG in WA as a diesel alternative fuel for heavy-duty vehicles (HDVs) and for industrial gas and remote power generation markets.

"LNG should become an essential fuel within the overall energy mix in Australia and would play a key role in reducing carbon pollution emissions," Wesfarmers Energy Managing Director, Tim Bult said

"Recent Australian Government sponsored testing of an ADR80/02 15-Litre engine, showed that it produced 25 per cent less greenhouse gas emissions (CO<sub>2</sub>-e) than the equivalent diesel engine.

"Air quality is also improved through the use of LNG fuel, with a significant reduction in harmful particulate matter (PM) and nitrous oxide emissions," Mr Bult said.

The \$137 million project is the result of persistent effort and innovation during a development period that extended several years. The project, commissioned in September 2008 was delivered virtually on budget, but was delayed due to the Varanus Island incident.

"Early work involved establishing a pilot plant, commercial customer trials and working with industry to help adapt heavy vehicle engine technology to suit Australian standards and conditions," Mr Bult said.

The plant currently supports approximately 130 heavy-duty vehicles, a significant road tanker distribution fleet, two remote power stations with onsite LNG storage and a large industrial customer. With capacity to expand, Wesfarmers LNG is well placed to deliver cheaper operating costs and environmental benefits to numerous industries as demand increases.

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