



Australian Government

## THE HON GREG COMBET AM MP

Minister for Industry and Innovation  
Minister for Climate Change and Energy Efficiency

  
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### Innovative software set to reduce emissions

17 Dec 2012

South Australia's IPACS Power will develop innovative software to improve boiler efficiency in coal-fired power plants, with assistance from the Gillard Government.

The Minister for Industry and Innovation, Greg Combet said the project will be supported by a \$110,000 grant from the Gillard Government's Clean Technology Innovation Program and is one of three initial projects offered funding.

IPACS Power's software will detect the build-up of combustion by-product (slag) on the tubes of coal-fired boilers, which is a major contributor to poor overall efficiency.

Coal-fired power accounts for more than 80 per cent of the electricity industry's greenhouse gas emissions in Australia, so it's important that we assist in the development of innovative ways to improve efficiency.

"The technology involves clever high-speed computing systems and the use of data collection via short-wave infra-red cameras and monitors, removing the guess work from determining slag build-up in these huge boilers," said Mr Combet.

IPACS Managing Director Dr Vinay Sriram is leading the team developing the software, supported by Alinta Energy and University of South Australia. This is a great example of collaboration between industry and research.

The company, based in Somerton Park, believes its new technology has the potential to improve the efficiency of coal-fired power plants in Australia and around the world.

The \$200 million Clean Technology Innovation program is an important part of the Gillard Government's plan for a Clean Energy Future and will help create new business opportunities, new industries and new jobs.

The program provides grants of between \$50,000 and \$5 million. Applications are accepted



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on a continuous basis and potential applicants should visit [www.ausindustry.gov.au](http://www.ausindustry.gov.au).

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