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MEDIA RELEASE

22 March 2017

EMPOWERING CONSUMERS THROUGH SMART SOLAR MONITORING

The Turnbull Government has committed to providing \$2.1 million in grant funding to Solar Analytics to fast track smart solar monitoring for residential homes.

Solar Analytics, a solar energy software provider, has designed technology to provide detailed analytics on actual solar generation and demand monitoring to ensure consumers know they are getting the most out of their panels.

The technology monitors the performance of residential solar PV systems and looks at energy generation against performance expectations, reporting system data back to the householder, while identifying faults and providing corrective actions.

The aim is to install the smart solar monitoring technology in 25,000 homes by 2020.

The technology increases the energy yield of a rooftop solar system by as much as 15 per cent, providing direct benefit to householders.

Consumers are increasingly taking up renewable energy, battery storage and more energy efficient technologies, in order to manage their household energy bills. This uptake is driving change in the electricity market and leading to a more decentralised grid.

Technology like this will provide greater scope for consumers to more actively manage their energy use and keep their total energy bills down.

Companies like Solar Analytics are contributing towards reducing knowledge gaps for a range of clean industry partners and researchers.

The Australian Renewable Energy Agency (ARENA) supports a broad range of development, demonstration and pre-commercial deployment projects that have the potential to lower the cost and increase the use of renewable energy technologies in Australia in the long term.

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