



EMBARGO 10.30am 17 April 2009

Key expansions for Adelaide Solar City

The Adelaide Solar City project is continuing to expand with the announcement of three new key solar projects.

The Federal Minister for the Environment, Mr Peter Garrett, announced in Adelaide today that more than \$1.2 million of Federal funding would be made available to support the installation of solar panels at the Keylink Industrial Estate, the Adelaide Central Market and the Rundle Lantern.

Fifty kilowatt solar photovoltaic systems will be installed at each site by Adelaide Solar City consortium member, BP Solar. Each system is capable of generating about 70,000 kilowatt hours[^] of renewable energy each year.

Adelaide Solar City Program Manager, Mr Dario De Bortoli, of Origin, the lead proponent of ASC, welcomed Mr Garrett's announcement.

"It's a great step forward for the Adelaide Solar City project," he said.

The new 50 kilowatt solar photovoltaic installation at the Keylink Industrial Estate within Edinburgh Parks in Adelaide's northern metropolitan area, is expected to abate greenhouse gas emissions by around 70 tonnes each year*.

Mr De Bortoli said the Keylink Industrial Estate project, a partnership between Adelaide Solar City, Goodman Group and MTU Detroit Diesel Australia, facilitated by the City of Salisbury, was an exciting development which would educate the community on the benefits of renewable energy solutions.

"There will be a dedicated project website which will provide current information and live data from the Keylink solar installation," he said.

"People will be able to log in and view information such as the solar energy output and greenhouse gas emission reductions. They will also be able to access a specially-built observation platform to view the solar panel installation on-site."

Mr De Bortoli said the Rundle Lantern installation at the intersection of Rundle Street and Pulteney Street, currently powered by green energy, would provide more than the power needed to illuminate the lantern which was constructed around the face of the Rundle U-Park.

The installation at the Adelaide Central Market would help make it one of the least carbon intensive commercial centres in the CBD without detracting from the important historic fabric of this iconic building.

Mr De Bortoli said the Adelaide Solar City solar photovoltaic installations were visual reminders that residents were living in a Solar City.

“They also help to educate residents and businesses that solar power is an effective way to generate clean energy,” Mr De Bortoli said.

The announcement of the new installations follows the 50 kilowatt solar photovoltaic system installed on the roof of the Adelaide Central Bus Station by BP Solar to power the Adelaide City Council’s solar electric bus, Tindo, and the installation of a four kilowatt system by Origin in the City of Tea Tree Gully on the roof of the Golden Grove Arts and Recreation Centre.

Mr De Bortoli said the Adelaide Central Bus Station had achieved a fantastic result since it was installed, generating more than 99,000 kilowatt hours of electricity.

“When it was unveiled in March 2008, the aim for the system, which consists of 320 solar panels, was to generate about 70,000 kilowatt hours[^] of renewable electricity per year,” he said.

“It has well and truly exceeded that figure and has generated more than enough power to run Tindo.”

Mr De Bortoli said Adelaide Solar City was proud of what it had been able to achieve in such a short period and would continue to work with households and businesses to create a more sustainable future for Adelaide.

“These new installations announced by the Minister are a very successful example of all levels of government and private enterprise working together to help combat climate change and create a brighter future for the environment,” he said.

Origin and the City of Salisbury are expected to make an exciting announcement regarding a solar installation planned for the Salisbury Council in the near future.

Adelaide is one of several regions in Australia specially chosen for the Solar Cities trial which is being conducted by a six-member consortium led by Origin with BP Solar, ANZ, Delfin Lend Lease, Big Switch Projects and the City of Salisbury in association with the Cities of Tea Tree Gully and Playford, and Adelaide City Council.

As part of the six-year trial, households in the catchment area of the Cities of Salisbury, Tea Tree Gully, and Playford, and Adelaide City Council have been encouraged to make changes and actively contribute to a more sustainable future at both a personal and community level. Households participating in the trial will help inform future sustainability measures by providing real time data on energy use and behaviour.

[^]Rated power output for a 1 kw solar pv system in Adelaide is 1.382 kwh’s according to the Office of Renewable Energy Regulator.

*For every megawatt hour of grid electricity used in South Australia approximately 0.98 tonnes of carbon dioxide equivalent is released into the atmosphere. Source: Department of Climate Change, National Greenhouse Accounts Factors Workbook November 2008

Further Media Information:

Dario De Bortoli
Solar City Program Manager

P: 03 8665 7078 | **F:** 03 9652 5666 | **M:** 0418 642 338
E: dario.debortoli@originenergy.com.au