

Our Ref: 2011-12 -3 ERA submission on Western Power AA3
Enquiries: Greg Ryan 9482 7540

Tyson Self
Manager Projects Access
Economic Regulation Authority
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Dear Mr Self

SUBMISSION ON WESTERN POWER AA3 SUBMISSION

LandCorp is the State Government land and property developer and seeks to incorporate innovation to enhance the environmental sustainability of urban developments. This includes climate responsive design, mandated energy efficiency standards, the use of alternative energy sources and demand management through behaviour change. LandCorp has been very interested in the outcomes of the Solar Cities project particularly the smart meter and load control trials established by Western Power.

The Smart grid and SMI are new technologies shown to both help reduce peak demand and enable customers to monitor and reduce their overall energy consumption. The pilots have demonstrated that smart metering and communications technology is technically robust and secure and can be deployed cost effectively across the Western Power Network and resulted in peak demand reduction of up to 20%.

To date alternative technologies that enable individual customer programs to target energy efficiency and peak demand reduction have had extremely low up take. Examples include direct load control of customers' air conditioners and other appliances or in home displays that measures the current being drawn by the building.

LandCorp strongly supports further demonstration and implementation of how this technology can best be harnessed by developers to deliver real benefits to customers as well as network operators, generators and the state as a whole.

The funding of the first phase of Western Power's proposed investment plan for smart grid technology should be supported and an essential component of the States Energy Future.

Yours sincerely

Renato Colasante
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Program Strategy and Innovation

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