

## **ZEN Energy Systems response to the deregulation of FiT Premium in South Australia.**

1. ZEN supports the submission by the Clean Energy Council in its entirety.
2. ZEN is leading the world in Energy Storage technologies from Residential to Utility Scale and positioning South Australia at the forefront of this technology globally.
3. This technology is based on distributed computing architecture and allows the optimisation of the existing power grid by storing energy in low demand and releasing energy in high demand. It allows the DNSP's to realise the full value of energy storage in the grid as a more cost effective alternative to augmenting the grid and this technology allows the DNSP/Retailer to control communities of 100's or 1000's of distributed storage systems to store solar energy at a residential level and discharge into the grid at peak times to avoid grid constraints.
4. It will be more cost effective in many instances for DNSP's to subsidise consumers and businesses to install residential and commercial energy storage systems with a tariff that allows a required level of DNSP control to export into the grid at peak times and allow consumers to access the wholesale energy market and/or premium regulated FiT.
5. It will drive new business models that will lower the overall cost of energy and increase trials that are already happening in Australia and New Zealand.
6. Our Principal Engineer at ZEN is a leading Network Engineer and we are well positioned to work together with the CEC and ESCOSA to educate on technology that is now available that will build industry and jobs in South Australia for the export to both developed and developing countries as this is a global issue.

Best regards



**RICHARD TURNER**  
Chief Executive Officer



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