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Move to High Capacity 50MW Solar Tower Power Option

EnviroMission Limited will proceed with Solar Tower development using Intellectual Property developed and owned by EnviroMission to capture greater market opportunity from new found economic scalability with high capacity power generation capability.

A re-engineered Solar Tower concept will be launched in Australia with development of a 50MW power station on the Sunraysia site in Buronga, NSW.

EnviroMission's program of continuous improvement during project feasibility identified two proven enhancements, which if successfully adapted to the Solar Tower concept, will introduce previously unattainable commercial benefits from smaller scale Solar Towers.

The original dimensions of the 200MW Solar Tower concept were design specific to achieve large-scale output objectives for economic viability.

Independent advice has indicated the integration of the Intellectual Property for heat storage and performance enhancement of the greenhouse structure will vastly alter the engineering requirements to enable scale with higher capacity power stations, ranging from 25MW through to 200MW with anticipated footprint, construction time and relative capital cost reductions.

Early findings have shown a substantial increase in capacity can be expected from the enhanced performance of the greenhouse with further market benefits expected from the introduction of heat storage capability to meet base, shoulder and peak load demand.

The introduction of economic and flexible scalability will allow Solar Towers to be tailored to specific sites and market needs where strong support is indicated for scalable, distributed, grid connected power generation - flexibility with scale is directly correlated to take-up opportunities.

EnviroMission's Intellectual Property will add value and opportunity through development and export potential to establish the concept as an Australian innovation in renewable energy that will target its competitiveness with coal and gas generators in a low emissions energy policy environment.

"EnviroMission has essentially been involved in the evolution of a new category of renewable energy generation that will be defined by its design, function, outstanding clean green credentials and economics set to compete with non-renewable generators subject to the success of the verification process that is currently underway" EnviroMission's Chief Executive, Roger Davey, said in Melbourne today in support of the decision.

"The development of a re-engineered 50MW power station will also provide an opportunity to maintain construction risk within the realm of tested engineering methodologies and parameters and is a move towards development certainty" added Mr Davey.

Ends.



Ian Riley
Company Secretary