DAMIEN REARDON
Archangel Energy Pty Ltd.

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damien@archangel-energy.com

POTENTIAL FOR AIRBORNE WIND POWER IN AUSTRALIA – BASELOAD?

Damien Reardon[1], Igor Skryabin[2], Alex Radchik[3]
[1]Archangel Energy Pty Ltd, Sydney, [2]Australian National University, Canberra, [3]University of Technology, Sydney

This presentation provides an outline of the Australian energy market, a perspective on AWE technology/project developer opportunities, and touches on the significant potential for low emission, hybridized fully dispatchable AWE baseload plant. Using financial mathematics in relation to OTC swaps and exchange traded derivatives, we illustrate patented techniques whereby PPA writers and financial intermediaries can efficiently value such entities.

Australia has some of the most attractive, close-to-load wind resources, and is the highest per capita greenhouse gas emitter in the world. Historically, it has benefitted from very low generation costs thanks to a rich endowment of fossil fuel resources and low population.

These costs are set to spiral, partly as a result of under investment, but predominantly due to escalating fossil fuel prices and carbon price uncertainty. Australia also has a relative abundance of both large and small scale off-grid load situated away from population centers and flight paths, and as such deserves special attention in this phase of AWE development.