

**Doone Wyborn**  
**Comments on IPCC Geothermal Paper**  
**(via e-mail; received: 5 June 2008)**

As has been pointed out by other colleagues, the GIA document to the IPCC does not give justice to the future potential of EGS. The MIT study is not given full value considering the expertise and effort involved in that study. Major venture capital funds are now recognising in their own diligent research that EGS is potentially one of the most promising future energy sources that can be implemented quickly without needing major new technological advances.

In our own case we believe we are close to what we call "Proof of Concept" and it is very likely that within one or two years we will be able to declare extremely large reserves. There remain some drilling issues to be sorted, but major technological breakthroughs are not required. Once this has occurred we firmly believe that in the location we are working EGS can potentially almost double the world's geothermal output with 5 to 10 GWe achievable from a 1,000 square kilometre area. This area may have the most ideal conditions in the world for such implementation, but surely what will follow will be developments of an equal scale in other slightly less favourable areas, and with continued reduction in drilling costs many areas across the world will become available. I am confident that the 800 GWe conservatively estimated is much closer to the truth than the 140 GWe shown in Figure 4 of the report.

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