



## Parsons Brinckerhoff Report Highlights Biomass Value

**10<sup>th</sup> March 2010**

MGT Power welcomes Parsons Brinckerhoff's report *Powering the Nation Update 2010*.

The UK has committed to ambitious targets of 80% reduction in CO<sub>2</sub> emissions by 2050 and for 15% of all energy consumed to be from renewable sources by 2020.

*Powering the Nation Update 2010* compares the costs of various generating technologies in contributing to these challenging goals. Meeting these goals will require major investments to be made over the next 20 years in new forms of energy generation. Choices made today will shape the UK's energy landscape over the next 40 years.

The report (see chart below) highlights biomass as the best value renewable energy investment for the UK. Of the low carbon technologies with major expansion potential:

- *Tidal power is 1.5x to 8x more expensive than biomass*
- *Off-shore wind is 1.5x to 4x more expensive than biomass*
- *Biomass is better value overall than Coal with Carbon Sequestration*

Biomass generation provides excellent value to UK industry and energy consumers, with MGT's Tees REP providing a 90 – 95% reduction in CO<sub>2</sub> emissions over fossil fuels.

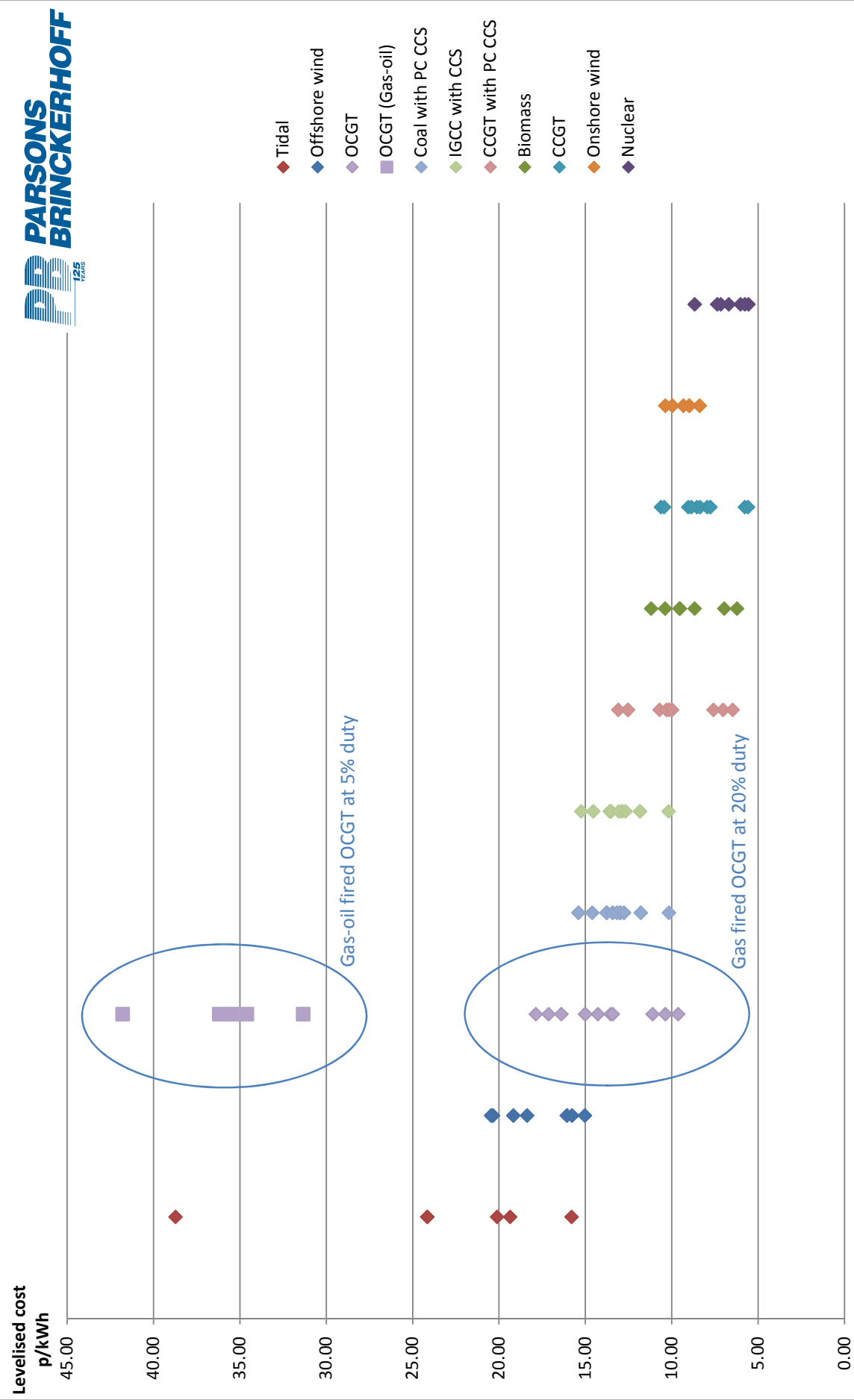
For additional details on biomass sustainability, please see MGT Power's *Biomass Sustainability Q&A* <http://www.mgtpower.com/sustainability.php>

### **For further information:**

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Parsons Brinckerhoff's *Powering the Nation Update 2010* – full report can be downloaded from: <http://www.pbworld.co.uk/index.php?doc=528>

Ends



NOTE: all plant assumed to run at base load, unless otherwise noted