



## MGT Power Announces Global Scale, 300MWe Biomass Power Project

MGT Power Ltd is pleased to announce the Tees Renewable Energy Plant project (Tees REP). Tees REP will be one of the world's largest renewable energy plants, providing enough carbon neutral electricity to power around 600,000 homes. As it will operate base-load, it will produce in one year as much green electricity as a 1,000MWe wind farm, such as the proposed London Array Offshore Wind-farm, and save 1.2 million tonnes of CO<sub>2</sub> from being emitted every year.

Tees REP will be located in Teesport, North East England, with an aim to generate green electricity from 2012. If it were built today, only 10 Tees REPs would be required to fulfil all of this year's Renewables Obligation target in the UK.

MGT Power is currently developing certified sustainable forestry operations. Unlike first generation biofuel feedstocks, these can be established on disused and marginal land, and are known as Short Rotation Forestry. MGT Power is developing Short Rotation Forestry in the UK and globally, which will supply Tees REP with 2.4 million tonnes of sustainable biomass per year.

Tees REP will bring substantial benefits to the Tees Valley region, representing an investment of over £400 million; the creation of 150 on-site jobs and an annual spend of £30 million in the local economy.

For more information about the project go to [www.mgtteesside.com](http://www.mgtteesside.com) or email [info@mgtteesside.com](mailto:info@mgtteesside.com)

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### Notes to Editors

- "carbon neutral": Re-growth replaces harvest, creating a carbon neutral fuel that displaces coal and gas.
- "MWe": The electrical generating capacity of an energy plant.
- "base-load": Tees REP will operate for over 8000 hours, or 91%, each year. Wind farms typically generate electricity for 20 – 30% of the year.
- "Renewables Obligation": Under the Renewables Obligation Order, electricity suppliers must source an increasing percentage of electricity sold to consumers from renewable sources.
- "First generation biofuels": As noted by the Royal Society (*Sustainable Biofuels: Prospects and Challenges*, 2008) first generation biofuels can compete for land with agricultural food crops. Short Rotation Forestry and other wood and related biomasses, established on marginal and disused land, represent the latest thinking and technology in bio-energy and can produce renewable electricity without competing with food crops.