

Publication: The Hindu

Date: Thursday, July 7, 2011

Edition: Chennai

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Orient Green synchronises 10 MW bio-mass plant

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CHENNAI: Orient Green Power Company Ltd. (OGPL), an independent renewable energy-based power generation company, has synchronised its 10 MW bio-mass power plant near Pollachi into the Tamil Nadu grid at Angalakurichi in Coimbatore district.

The plant is the first of its kind in India with a specially designed boiler, which predominantly uses the coconut fronds that are available in the Pollachi belt.

The plant is also the first independent power plant to be put up in the western part of Tamil Nadu, which has the concept of "distributed power". The facility has a 110 kV connectivity, which will result in lower transmission and distribution losses. With

an investment of Rs.55 crore, OGPL's Pollachi plant will have the employment potential of around 250 personnel including 50 direct employees.

Apart from the sourcing of the fuel from the farming community, OGPL has plans to develop an energy plantation at the coconut farms in and around Pollachi through inter-cropping of short-rotation crops, which will fetch additional income to the farmers.

Pollachi plant is the fourth plant commissioned by OGPL in Tamil Nadu, where the company is a major renewable power generator with the aggregate capacity of 182.5 MW including 155 MW on wind and 32.5 MW on bio-mass.

OGPL also has a 16 MW bio-mass plant in Rajasthan,

a 2 MW of bio-gas plant in Maharashtra and a 26.5 MW wind farm in Andhra Pradesh.

With the synchronisation of the Pollachi plant of 10 MW, OGPL currently has 230 MW of operating renewable power plants, says a release from the company.