

Tata Power commissions India's first Natural Ester filled distribution transformer in Mumbai

- Mumbai, June 04, 2014

~Improves fire safety and reduces carbon footprint~
~Pioneers in green and fire safe installations~

Tata Power, India's largest integrated company is committed towards ensuring safety and sustainability for its stakeholders, environment and the community. In line with this commitment, Tata Power today announced the introduction of Natural Ester filled distribution transformers across the Mumbai distribution area. The objective of introducing these green and fire safe installations is to ensure safe and sustainable distribution of electricity.

A pioneer in providing reliable and uninterrupted power to the city of Mumbai, Tata Power caters to over 500,000 residential, commercial and industrial customers. The Company is committed to implementing innovative technology in its day to day operations and has taken a significant step with the introduction of Natural Ester filled distribution transformers.

The Natural Esters fluids have a high fire point (350 degree Celsius) and eliminate any risk of pool fires in the electrical installation as they are self-extinguishing. In comparison to the conventional mineral oil filled distribution transformers, this fluid provides improved fire safety for the densely populated areas within Tata Power's service area. The fluid is made from a carbon neutral renewable resource, is biodegradable, non-toxic and non-hazardous in soil and water.

Speaking on this initiative, **Mr. Ashok Sethi, Executive Director- Tata Power** stated, *"Tata Power is committed towards ensuring Safety and Sustainability of its stakeholders. Safety is a core value at Tata Power and is an integral part of our values system, whereas the technological innovations undertaken in our business highlights our commitment. Tata Power will continue to uphold its commitment and implement further technological innovations for the benefit of Mumbai city and its consumers."*

Tata Power has been able to develop this first Green and Fire Safe Installation of its kind with the active participation from various OEM's like ABB, Scheinder, Raychem RPG and Cargill. Further, Tata Power would henceforth deploy all its Package Substations with Natural Ester Filled Transformers. Tata Power is in advanced stage of finalizing the design of 33 /11 kV, 20 MVA Power transformers filled with Natural Esters. The Company regularly carries out Safety Audits in high footfall areas such as malls, theatres, hospitals, clubs, and educational institutes around Mumbai city. With its track record of technology leadership, project execution excellence, world class safety processes, customer care and driving green initiatives, Tata Power is poised for multi-fold growth and committed to 'lighting up lives' for generations to come.



Natural Ester filled distribution transformers

About Tata Power:

Tata Power is India's largest integrated power company with a growing international presence. The Company together with its subsidiaries and jointly controlled entities has an installed gross generation capacity of [8585] MW in India and a presence in all the segments of the power sector viz. Fuel Security and Logistics, Generation (thermal, hydro, solar and wind), Transmission, Distribution and Trading. It has successful public-private partnerships in Generation, Transmission and Distribution in India namely "Tata Power Delhi Distribution Limited" with Delhi Vidyut Board for distribution in North Delhi, 'Powerlinks Transmission Ltd.' with Power Grid Corporation of India Ltd. for evacuation of Power from Tala hydro plant in Bhutan to Delhi and 'Maithon Power Ltd.' with Damodar Valley Corporation for a 1050 MW Mega Power Project at Jharkhand. Tata Power has developed the country's first 4000 MW Ultra Mega Power Project at Mundra (Gujarat) based on super-critical technology. It is also one of the largest renewable energy players in India. Its international presence includes strategic investments in Indonesia through a 30% stake in the leading coal company PT Kaltim Prima Coal (KPC), 26% stake in mines at PT Baramulti Suksessarana Tbk ("BSSR") and a geothermal project; in Singapore through Trust Energy Resources to securitise coal supply and the shipping of coal for its thermal power generation operations; in South Africa through a joint venture called 'Cennergi' to develop projects in South Africa, Botswana and Namibia; in Australia through investments in enhanced geothermal and clean coal technologies and in Bhutan through a hydro project in partnership with The Royal Government of Bhutan. With its track record of technology leadership, project execution excellence, world class safety processes, customer care and driving green initiatives, Tata Power is poised for a multi-fold growth and committed to 'lighting up lives' for generations to come. Visit us at: www.tatapower.com

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