

# PRESS RELEASE



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DEG's first kick off meeting on 4th & 5th February 2015 to address the problems and solutions for Grid Stability and Energy Management in Distributed Energy Resources.

Deutsche Investitions- und Entwicklungsgesellschaft mbH (DEG) is a subsidiary of KfW and promotes business initiatives in developing and emerging market countries as a contribution to sustainable growth and improved living conditions of the local population. To this end, DEG makes long-term financing and advice available to private enterprises investing in these countries. Under develop PPP programme, through iPLON GmbH, Schwabisch Hall, DEG is focusing on Power Evacuation, Grid stability, knowledge transfer and know-how of the renewable energy domain to India, especially to Tamilnadu. In this context, DEG is going to conduct a kick off meeting to address the problems and solutions for Grid Stability and Energy Management practiced in Germany on 4th & 5th February 2015 in "The Raintree Hotels, St. Marys Road, Chennai". This kick off meeting is high level meeting comprising speakers from Consul General of the Federal Republic of Germany in Chennai, Utility Company from Schwäbisch Hall- Germany, important stakeholders in Indo-German co- operation.

This meeting is highly focused on Grid Stability and Energy Management for Tamilnadu and finding ways to increase the renewable energy mix for a stable electricity grid and guaranteed secure supply at the standard frequency. Tamilnadu is rich in Renewable Energy having different types of renewable energy sources i.e. high wind energy potential, high solar insolation, biomass, bagasse – cogeneration plants, small hydro plants, etc. Tamilnadu has installed capacity of wind energy about 7179 MW (the biggest wind energy producer among other states in India). In addition to current installations of renewables, Tamilnadu state government is aiming to put 2.5GW of solar PV power plants by 2015. Hence in the upcoming years, Tamilnadu electricity grid will have a significant share of renewable energy mix and there is a need to maintain the stability of electricity grid and maximum utilization of renewable energy sources.

Mr. Peter Breuning, Head of power system control area networks / Generation, Stadtwerke, Schwäbisch Hall, Germany & Technical Director, Smart Grid platform Baden-Württemberg, Germany, one of the speakers is going to share the best practice cases in Germany esp. Schwäbisch Hall. Because Schwäbisch Hall, which generates 26 % of its electricity from renewables like solar PV Systems, wind turbines, hydropower plants, combined heat and power (CHP) plants, gas & steam turbine power plants, Biomass plants, show how communities can benefit from clean energy and it is a Model & Ideal for "Decentralized Energy Transition". In Germany, local Municipal Utilities are

- Operators of local transmission grids

- Local feed in point for producers and consumers of Renewables (Decentralized Energy Supply)
- Crucial nodes in Germany's increasingly decentralized networks
- To make local grids as smart grids

Hence this kick off meeting will be very useful for all stakeholders who are important to make the renewable energy projects a success and renewable energy as a sustainable energy supply in Tamilnadu.