

## Reference Projects for Sub Group 4

### Pump Storage Workshop on "Tapping the investment potential in pumped storage hydro space in India"

- » Workshop on "Tapping the investment potential in pumped storage hydro space in India" 24th January 2017
- » Cost-effective integration of high renewable shares requires transformation of the system as a whole
- » Aside from required political decisions and new market regulation, PSP can be one factor to integrate renewables in the grid and to stabilize the grid(s)
- » **Vision:** PSP could also be developed as a Grid Asset with socialized costs to have the best benefits without economic pressure of a generation asset –  
Chance to implement the most variable systems to answer the grid needs



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### Best Practices in RE Evacuation in India – A Study Tour organised by IGEF

- » Best practices Study Tour cum Training and Capacity Building Program – RE Evacuation & Data Communications Infrastructure was organised by the Indo German Energy Forum (IGEF-SO) in association with Central Board of Irrigation and Power (CBIP) from 9th to 12th May
- » As part of the RE Evacuation & Data Communications Infrastructure Study Tour, 51 delegates visited the 648MW Adani Green Energy plant, the largest solar plant in the world in Ramanthapuram
- » The Study Tour concluded with a visit to Suzlon, pioneers of wind energy in India on 11th May in Kaythar. The 400MW Suzlon wind farm has its own sub-stations one of which was visited by the delegates.
- » Having visited the wind turbines, the delegates interacted with the experts in Suzlon as they shared their forecasting experience and Grid integration issues

