

Agility  
Care  
Excellence  
Integrity  
Trust  
Collaboration  
Respect



## Experience Sharing by Developers / Investors on Cross Border Power Projects



# Tata Power Company – Business Overview

- Established in 1910, Tata Power is India's largest integrated power company with a significant international presence
- Installed generation capacity of 8613 MW in India
- Presence in all the segments of power sector
- One of the largest renewable energy players in India (around 900 MW)
- Developed India's first 4000 MW Ultra Mega Power Project

## Tata Power – International Presence

- South Africa - 50: 50 JV with Exxaro Resources (234 MW of wind power)
- Georgia - Development of hydro projects in 2 phases of 185 MW and 215 MW
- Indonesia – Coal Assets and Geothermal project being developed

# Tata Power Trading Company Limited (TPTCL) - Overview

- 100% subsidiary of The Tata Power Company Limited
- 450+ Clients in Power exchanges ( IEX & PXIL)
- TPTCL serves DISCOMs across all the states in India and sells power of almost 30 generators
- 2nd largest power trader in India (CERC MMC Report)
- Has increased its trading volume from 3000 MU in FY 2009 to 12000 MU in FY 2014
- Revenue of Rs 4140 Crore(s) in FY 2014
- 24 X 7 state of art control room

## Dagachhu Hydro Power Corporation (DHPC)

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- The Royal Government of Bhutan (RGoB) is developing a 126 MW run-of-the-river Hydro Electric Power project on river Dagachhu through Druk Green Power Company Limited (DGPC) in partnership with Tata Power Company Limited
- Entire power from the project is to be sold in India
- The Project is expected to be commissioned shortly

## Key experiences

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- First hydro project in Bhutan under PPP framework
- Collapse of CDM market affecting project economics
- Time overrun due to geological surprises
- Unreliable hydrological data

## Key Issues

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- Issue of Nodal Agency
- Exporting power from Bhutan to India on merchant basis.
- Dagachhu energy metering & accounting,
- Role of RLDCs, NLDC, CEA, RPCs etc.)
- Tariff determination for power from projects across the border

## Key Marketing Issues

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- Buyers' require regulator determined tariff as a part of their power procurement processes
- Buyers are unable to participate in tenders floated by generators and procure power by winning bids on H-1 basis

## Current Status

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- CERC has issued orders to enable TPTCL to import power
- Power is expected to flow in to India shortly
- CERC order marks a watershed event with regard to integration of with neighboring countries into India's power market.



**“Journey Continues..  
We value your inputs, suggestions and  
critique.”**

We take pride in Lighting up Lives!