

# ITC GRAND CHOLA, CHENNAI

Land	:	8 acres
Built up Area:		15 Lakh sft
Rooms	:	600
F&B outlets	:	11
Banquet Hall:		35000sft (column less)
Total convention space:		100000sft

# ITC GRAND CHOLA, CHENNAI

Architect : SRSS Associates, Singapore

Local Architect: CRN, Chennai

ID : Wilson Associates, Singapore

Energy Consultant: TERI

MEP Consultants: Spectral Consultants (ND)

Landscaping Cons: Belt Collins, Singapore

# ITC GRAND CHOLA, CHENNAI

- ITC triple bottom line approach
  - Environment
  - Economic
  - Social
- Installed Capacity in Hotels Division 29.6MW

# ITC GRAND CHOLA, CHENNAI

Forecasted Energy/day : 70000KWH

Annual Energy required : 255MWH

## Proposals Obtained

- » Suzlon
- » Enercon
- » Vestas
- » Gamesa

# ITC GRAND CHOLA, CHENNAI

- Suzlon Options
  - Kundadam, Near Coimbatore
  - Peak Gen Season – (April – October)
  - Energy reqd/ day – 70000KWH/day
  - PLF anticipated – 24%
  - Energy generation – 265 MWH

# ITC GRAND CHOLA, CHENNAI

## CWET intervention

- Suzlon Data verification
- 23.77 % PLF at P90
- Generation Forecasted – 262.2 MWH

# ITC GRAND CHOLA, CHENNAI

- 2.1MW x6 nos – Rs64.8 crores
- 1.5 MW x 6 nos – Rs75.6 crores
- Finalized on 2.1 MW, 6 nos
- Hub height 82m and blade dia 88m

# ITC GRAND CHOLA, CHENNAI

- 2.5 acres land per WTG
- System Commissioned March 2012
- Seasons Generation to date – 250MWH



# ITC GRAND CHOLA, CHENNAI

## Possibilities in Tamilnadu

- Sale to TNEB
- Wheeling and Selling
- Wheeling and Banking

# ITC GRAND CHOLA, CHENNAI

## SALE TO TNEB

- Total Generation to be sold to TNEB
- Sale price (Fixed by TNEB) Rs3.39/ unit
- No wheeling Charges applicable

# ITC GRAND CHOLA, CHENNAI

## WHEELING AND SELLING

- Total generation is for captive consumption
- Incremental units – sell to TNEB @ Rs3.39/unit
- Wheeling charges @ 5% Applicable
- Permanent HT connection required

# ITC GRAND CHOLA, CHENNAI

## WHEELING & BANKING

- Total generation is for captive consumption
- Units banked and not consumed at eoy(March) – Sell @Rs2.54/unit
- Wheeling charges 5% applicable
- Banking Charges 5% applicable

# ITC GRAND CHOLA, CHENNAI

- Monthly credit on energy bills by TNEB
- Current Tariff Rs 8.4/unit
- Cost of Wind power Rs2.4/unit
- Permanent HT connection required