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 x 6 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
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