



UDAY in the perspective of Power Generators

Gurdeep Singh, CMD-NTPC



Imperatives for Generating Companies



- Generating Companies are expected to reduce the cost of generation of power which will lessen the burden on the DISCOMs.
 - Import Coal Substitution
 - Coal Linkage Rationalisation
 - Coal Swapping between less efficient and more efficient units
 - 3rd Party Sampling
 - Correction of Grade Slippage through Regradation of Mines

How did UDAY help us improve?



- Average Saving to Discoms from NTPC Coal based stations in 2016-17 is **₹ 0.26 / unit.**
(Net savings of over ₹ 5000 Crore)
 - Savings in NTPC Stations during FY 17 (Top 5 stations in terms of decrease)
 - Mauda – 113 p/kwh
 - Rihand – 57 p/kwh
 - Talcher Kaniha – 47 p/kwh
 - Sipat – 46 p/kwh
 - Unchahar – 36 p/kwh
- The gain due to re-gradation of mines is **3.2 p/kwh.**

- NTPC has organized two meetings and two workshops in which the best practices of NTPC were shared. They were attended by representatives from 14 states.
- Cross-functional teams will visit the State GENCOs and suggest measures required to be undertaken by them for improving their efficiency and reducing the cost of generation.
 - 30 stations spread across 12 states of India have been identified by state GENCOs for this purpose.
 - Visit to 14 stations completed as on date.

Handholding State GENCOs (State Specific)



- Coal Swapping Analysis has been carried out by NTPC Consultancy for the following stations.
 - Parichha and Panki (UPRUVNL)
 - Ropar (PSEB)
 - Kota, Chhabra, Kalisindh and Suratgarh (RVUNL)
 - Birsinghpur (MPSEB)
 - Panipat, Yamunanagar & Hissar (HPGCL)

Handholding State GENCOs (State Specific)

- **Rajasthan** has proposed for deployment of NTPC experts for conducting Operation Review.
 - In Chhabra, NTPC's Consultancy group has helped improve PLF to over 80% with efficiency gains.
- **UP**- NTPC helped in stabilization of Anpara Plant.
- **Madhya Pradesh** – Helped improve the performance of Khandwa station.
- **Haryana** has requested NTPC help in ERP implementation, reducing Boiler Tube Leakages and guidance for efficient operation of its Chinese built plants.
- **Punjab** has requested NTPC to depute its expert team for guiding GGSSTP for improvement of plant performance and efficiency with reduction in costs.

Thank You

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