

Power Scenario & Future Strategies

PROJECT IMPLEMENTATION ISSUES

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STORY OF PLANNED DEVELOPMENT

- Present Capacity- 1,47,966 MW
- Thermal Capacity- 93,726 MW (63%)
- 8th Plan
 - Target - 31,538 MW
 - Achievement- 16,423 MW (54%)
- 9th Plan
 - Target - 40,245 MW
 - Achievement- 19,119 MW (47%)

Cont..

STORY OF PLANNED DEVELOPMENT

- 10th Plan
 - Target - 41,110 MW
 - Achievement- 21,180 MW (52%)
- 11th Plan
 - Target - 78,700 MW
 - Likely Achivement-50,000 MW (62%)
- 12th Plan
 - Tentative Target- 100,000 MW
 - Coal & Lignite- 76,500 MW

CHANGE THE PLANNING PROCESS

- Ten year programme.
- Fix targets in consultation with PSUs, states & private companies.
- Monitoring of critical milestones with C E A & Ministry.
- Detailed monitoring of each project with project authorities by multilevel and review system like NTPC's Integrated Project Planning & Control system.
- Good project management is not a rocket science but it calls for strict management of detail in terms of time, quantity & quality.

ISSUES CONTRIBUTING DELAY

CEA / MOP / CII / CBIP conclave july'2007 for 11th Plan & 18th Aug'2009 for 12th Plan.

1. Indigenous manufacturing capability of main plant and balance of plant equipment commensurate with capacity addition.
2. Adequate Construction and Erection agencies.
3. Adequate fuel availability.
4. Adequate transportation facilities for equipment & fuel.
5. Manpower development including training facilities.
6. Slow process of decision making.
7. Standardization.
8. Contractual issues.

FOLLOW-UP ACTION

MAIN PLANT

- Production capacity of main Plant equipment BHEL capacity to go up 15000MW per year by end 2009 and 20,000 MW next phase.
- JV of L&T and MHI, Japan to produce Super critical Boilers and Turbo-generators (TGs) capacity 4000 MW yearly capacity.
- JV of Bharat Forge and Alstom to produce TGs.
- JV of Toshiba and JSW for TGs capacity 5,000 to 10,000 MW yearly.
- JV of Ansaldo, Italy and GB Engg for Boilers.

Cont.. FOLLOW-UP ACTION

BALANCE OF PLANT

- Limited suppliers for Ash Handling, Coal Handling, DM Plant, Cooling Tower etc.
- Meeting held with suppliers of BOP to enhance their capacity and encourage new manufacturer.
- Pre-Qualification requirement reviewed to allow new parties.

PROCEDURAL DELAYS

- Environment clearance.
- Forest clearance.
- Land acquisition.
- Financial Closure.
- Attitude of State Govts.

PROJECT MANAGEMENT

“ IN PROJECT MANAGEMENT, IT IS NOT A MATTER OF WHETHER YOU WILL GET INTO TROUBLE; RATHER, IT'S A MATTER OF HOW SOON YOU WILL GET INTO TROUBLE AND HOW FAST YOU CAN GET OUT OF IT. ”



THANKING YOU