

RAJPURA THERMAL POWER PROJECT

| Name of the Power Project | Capacity | Scheduled COD | Present status of the Project |
|--|---|---------------|-------------------------------|
| Rajpura Thermal Power Project | 1400MW (Gross) | | As per the Annexure-I |
| Unit-1 | 700MW* | Jan, 2014 | |
| Unit-2 | 700MW* | May,2014 | |
| Date of clearance by State Govt. | State Govt. had cleared the project in 9/2006 | | |
| Est. approved cost | ----- | | |
| Expenditure up to handing over the Power Project to the Successful bidder. | Appx. Rs.542 Cr | | |
| Financial closure | Achieved the financial closure | | |
| Type of Fuel | Coal | | |
| Fuel linkage | 5.55MTPA from South Eastern Coalfields Limited (SECL) –from Korba Raigarh fields. FSA signed. | | |
| Date of main plant order | EPC contracts signed with M/s Larsen & Toubro Ltd. on 16.07.2010 with effective date of contract as 18.01.10. | | |
| Power Evacuation | Facility to be provided by erstwhile PSEB (now TRANSCO) | | |

* Unit configuration changed by the developer from 2X660MW to 2X700MW/ as per provisions of the PPA

**Broad Status of 3x660MW of 2x700MW RAJPURA Thermal Power Project for February 2014
(ending December, 2013)**

2X700MW(1400MW) Rajpura TPP is being developed at village Nalash near Rajpura Distt. Patiala by Nabha Power Limited (owned by M/s L & T Power Development Limited w.e.f 18.01.2010, the date of PPA). The project is being developed on "BOO" basis under Case-2 through Tariff based International Competitive Bidding process as per bidding guidelines issued by Ministry of Power, Government of India.

- The Scheduled CODs of 1st & 2nd Units of the project are 17.01.2014 & 17.05.2014 respectively.
- 1st unit was lighted up on 2.11.2013 and synchronized on oil on 15 December,2013. However it is intimated that NPL has achieved the Commercial operation of 1st Unit of 700 MW Capacity on 31.01.2014.
- EPC contractor: M/s Larsen & Toubro Ltd.
- Coal linkage: M/s South Eastern Coalfields Ltd. Bilaspur (Chhatisgarh) issued Letter of Assurance (LOA) to NPL for the coal linkage of 5.55 MTPA. Due to change in Unit configuration, application for additional coal linkage submitted by NPL to Ministry of Coal, Govt.of India. Standing linkage committee (SLC) has approved enhancement of capacity to 2x700 MW. Fuel Supply Agreement signed for unit 1& unit 2.
- Water Linkage: Irrigation Deptt., Punjab Govt. allocated water linkage on 09.05.2008 & 14.07.2010 (for the revised capacity of 2x700 MW). Main Plant: 1078.16 acre of land acquired.
- Land acquisition:
- Water Corridor: The lease deed for 1.37 acre land for water corridor has been signed by NPL with the Panchayat of village Rangia and possession of land is still to be taken over by NPL.
- Railway Land: Railway land (110 Acre) – Out of 110 Acres of railway land requirement, the possession of about 96.6 acre of land has been taken over by NPL. The land owners of village Jeonpura Distt, Fatehgarh Sahib (13.26 acres) have filed CWP No.11956 of 2012 in Hon'ble Punjab & Haryana High Court against the land acquisition & next date of hearing is 26-02-2014.
- Railway Corridor: PO issued to L&T-Railway Business Unit for Design, Engineering, Construction & Commissioning of Railway siding. Railway siding in plant linking works completed. Works in lead line stated. Engineering scale plan (ESP) for railway siding approved.

Overall Project Progress: 97% as per telephonic discussion with NPL.

The progress of the project as intimated by NPL is as under:-

- » DPR for 2X700MW finalized. Design & Engineering work in progress- 100% completed.
- » Major equipment for main plant, BOP, Coal Handling Plant, Ash Handling Plant, others auxiliary & essential packages ordered and partly received.
- » Amendment in MOEF clearance for the project received on 15.11.2010
- » Renewal of "NOC" from Punjab Pollution Control Board obtained, valid up to 19.09.2013.
- » Tata Consulting Engineers (TCE) Ltd. appointed as Owner's Engineer.
- » Soil Investigation, Corftour & Topographical Survey completed.
- » Approval for Change in Land Use obtained from Chief Town Planner, Punjab on 10.06.2010.

■ **SITE PROGRESS**

| Sr No. | ACTIVITY | UOM | QUANTITY DETAILS | | |
|------------|--------------------------------|----------|------------------|-----------|--------|
| | | | | | |
| A | CIVIL | | | | |
| I | PILING | Nos | Completed | | |
| II | PILE CAP / FOUNDATIONS | | | | |
| | UNIT#1 | | | | |
| 1. | Boiler, ESP, Fan etc. | | 8353 | 0 | 8353 |
| 2. | Mill Bay | | 4849 | Completed | 4849 |
| 3. | STG & Auxiliaries | | 14786 | 42 | 14828 |
| 4. | NDCT Raft, racker, pedestals | | 39479 | 40 | 39519 |
| | UNIT#2 | | | | |
| 5. | Boiler, ESP, Fans, etc | CUM | 7468 | 151 | 7619 |
| 6. | Mill Bay | | 4800 | Completed | 4800 |
| 7. | STG & Auxiliaries | | 11172 | 74 | 11246 |
| 8. | NDCT Raft | | 36385 | 373 | 36758 |
| | COMMON SYS | | | | |
| 9. | Chimney | | 28204 | 0 | 28204 |
| 10. | Service Building | | 2006 | Completed | 2006 |
| 11. | Control Room | | 3517 | Completed | 3517 |
| 12. | SW Yard Foundations | Nos | Completed | | |
| B | STRUCTURAL | | | | |
| I | FABRICATION | | | | |
| 1. | STG Bldg#1 | Tons | Completed | | |
| 2. | Control Room Bldg. | | Completed | | |
| 3. | Bunkers#1 | | Completed | | |
| 4. | STG Bldg#2 | | Completed | | |
| II | ERECTION | | | | |
| 1. | STG Bldg#1 | | 6379 | 5 | 6384 |
| 2. | Control Room Bldg. | | Completed | | |
| 3. | Bunkers #1 | | Completed | | |
| 4. | STG Bldg#2 | | 3332 | 7 | 3339 |
| 5. | Chimney Platform & Flue can | | 1722 | 376 | 2098 |
| III | BOILER #1 ERECTION | Tons | 33896 | 322 | 34218 |
| IV | BOILER # 2 ERECTION | | 25120 | 1537 | 26657 |
| C | RAW WATER RESERVOIR | | | | |
| I | Excavation | CUMx10^3 | Completed | | |
| II | Embankment | CUMx10^3 | Completed | | |
| III | Laying of precast tiles | SQM | Completed | | |
| D | RLY SIDING IN PLANT | | | | |
| I | Earth work | CuM | 712029 | 19526 | 712029 |
| II | Blanketing | CuM | 131156 | 3200 | 131156 |
| III | Sleeper laying (in plant yard) | EKTM | 31 | 3.00 | 31 |

| | | | | | |
|----------|----------------------------|------|------|----|------|
| E | COAL HANDING | | | | |
| I | Structure Erection | Tons | 6489 | 25 | 6514 |
| II | Equipment Erection | Tons | 4407 | 0 | 4407 |
| F | ASH HANDLING SYSTEM | | | | |
| I | Structure Erection | Tons | 1098 | 2 | 1100 |
| II | Equipment Erection | CUM | 479 | 35 | 514 |

EVACUATION OF POWER:- .

The evacuation of power on 400 KV DC Twin-Moose lines shall be as under :

- Rajpura Thermal to Rajpura 400 KV Sub Station. Rajpura to 400 KV Dhuri.
- Rajpura to 400 KV Nakodar, Nakodhar to 400 KV Mastewal. The transmission lines shall be erected by PSTCL.

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TALWANDI SABO THERMAL POWER PROJECT

| Name of the Power Project | Capacity | Scheduled COD | STATUS OF THE PROJECT |
|--|--|---------------|-----------------------|
| Talwandi Sabo TPP | 1980MW (Gross) | | |
| Unit-1 | 660MW | 31.08.2012 | As per the Annexure-I |
| Unit-2 | 660MW | 31.12.2012 | |
| Unit-3 | 660MW | 30.04.2013 | |
| Date of clearance by State Govt. | State Govt. had cleared the project in 9/2006 | | |
| Est. approved cost | ---- | | |
| Expenditure up to handing over the Power Project to the Successful bidder. | Appx. Rs.387Cr | | |
| Financial closure | The Financial Closure of this project is under consideration of PSERC Chandigarh. | | |
| Type of Fuel | Coal | | |
| Fuel linkage | 7.72MTPA by Mahanadi Coal Field Limited—from Basundara Coalfields. FSA signed. | | |
| Date of main plant order | 18.07.2009 EPC contract placed on M/S SEPCO Electrical Power Construction Corporation, Jinan, Shandon China. | | |
| Power Evacuation | This system will be provided by erstwhile PSEB (now TRANSCO) | | |

**Broad Status of 3x660MW Talwandi Sabo Thermal Power Project for February 2014
(ending December, 2013)**

- 3X660 MW (1980MW) is being developed at village Banawala, Distt. Mansa by Talwandi Sabo Power Limited (owned by M/s Sterlite Energy Limited w.e.f 01.09.2008, the date of PPA). The project is being developed on "BOO" basis under Case-2 through tariff based International Competitive Bidding process as per bidding guidelines issued by Ministry of Power, Govt. of India.
- The Scheduled Commercial Operation Dates of 1st, 2nd & 3rd units are 31.08.2012, 31.12.2012 & 30.04.2013 respectively..
- 1st unit was lighted up on 25.11.2013 and this unit has been synchronized on oil on 31 December,2013. COD of the 1st Unit is expected in February, 2014.
- TSPL have supplied the progress report of project up to June 2012. Thereafter they have stopped supplying the monthly progress report.
- However, as per telephonic information by TSPL, the overall progress of the project is 93%
