

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%
