

**MINISTRY OF POWER**  
**PROJECT MONITORING SYSTEM**

**STATUS ENDING MARCH, 2012**

PROJECT NAME	GOINDWAL SAHIB THERMAL PROJECT.
STATE/ DISTRICT	PUNJAB/TARNTARAN
CAPACITY (MW)	2X270MW
FUEL	PULVERISED COAL
DATE OF REGISTRATION OF COMPANY/REGISTERED NAME OF COMPANY	M/S GVK POWER (GOINDWAL SAHIB) LIMITED HYDERABAD
ESTIMATED COST/DATE OF ESTIMATE (IN CASE OF TEC CLEARED PROJECTS. INDICATE COST AS PER TEC)	RS. 2963.81 CR.
AWARD DATE (FOR PROJECTS UNDER ICB ROUTE)	LOI ISSUED ON 18 <sup>TH</sup> MAY, 1998 BY GOVT. OF PUNJAB
WHETHER PPA INITIALLED/SIGNED, DATE OF THE SAME	AMENDED & RESTATED PPA SIGNED ON 26.05.09.
COST OF PROJECT.  DEBT EQUITY TOTAL	RS. 2963.81 CR. (REVISED AFTER APPELLATE TRIBUNAL ORDER DATED 8.04.09) ESTIMATED BY THE CO  80%-I.E. RS. 2371.048 CR. 20% - RS. 592.762 CR. 100% -RS. 2963.81 CR.
ACTUAL EXPENDITURE ON PROJECT  DEBT EQUITY TOTAL	ACTUAL EXPENDITURE INCURRED TILL DATE:  A) LAND : 167.75 CRORES B) BTG, BOP, NON-EPC, PREPARATIVE EXPENSES, FINANCE CHARGES, (INCLUDING IDC) TOTAL AMOUNTS SPEND SO FAR UP TO -RS. 1955.85 CRORES (TILL MARCH '2012).
FDI INFLOW SANCTIONS. ACTUAL SO FAR.	NOT KNOWN.
COST PER MW	RS. 5.489 CR. ( BASED ON CAPITAL COST APPROVED BY THE APPELLATE TRIBUNAL)
INDICATED TARIFF	RS. 2.94 PER KWH (TENTATIVE FOR 1ST YEAR)

IST.YEAR LEVELLISED.	LEVELLISED TARIFF- RS. 2.63 (ESTIMATED)
STATUS OF CEA CLEARANCE	NOT REQUIRED AS CONVEYED BY GOVT. OF PUNJAB VIDE ITS MEMO NO. 10/72/95-IP(3)/2086 DATED 31.1.2001.
LIKELY DT. OF FINANCIAL CLOSURE.	❖ THE FIRM HAS CONFIRMED THAT FINANCIAL CLOSURE HAS BEEN ACHIEVED ON 21.05.2010. IDBI IS THE LEAD LENDER.
ENVIRONMENT CLEARANCE	NOC FROM MINISTRY OF ENVIRONMENT & FORESTS, GOVT.OF INDIA OBTAINED BY THE CO. ON 23.9.1999. DUE TO DELAY IN PROJECT FRESH ENVIRONMENTAL CLEARANCE HAS BEEN OBTAINED FOR THE PROJECT ON 09.05.2008.
LAND AVAILABILITY	<ul style="list-style-type: none"> <li>❖ 1074.615 ACRES OF LAND HAS BEEN ACQUIRED.</li> <li>❖ RAILWAY SIDING FROM KHADUR SAHIB TO SITE (37.03 ACRES), RIVER WATER PIPELINE CORRIDOR (1.40) ACRES.</li> <li>❖ AWARD FOR 37.98 ACRES WAS ISSUED ON 15.07.2011, MUTATION IS IN PROGRESS. SITE POSSESSION IS YET TO BE GIVEN.</li> </ul>
OTHER REQUIRED CLEARANCES	<ul style="list-style-type: none"> <li>• NOC FROM PUNJAB POLLUTION CONTROL BOARD OBTAINED BY THE CO. VIDE LETTERS DATED 30.4.1999 &amp; 31.5.1999. ENVIRONMENTAL CLEARANCE FROM MOEF HAS BEEN OBTAINED FOR THE PROJECT VIDE LETTER DATED 9.5.08.</li> <li>• UNDER SECTION 29 OF ELECTRICITY SUPPLY ACT 1948. THE SCHEME WAS PUBLISHED IN THE STATE GAZETTE ON 19.2.1999.</li> <li>• UNDER SECTION 18(A) OF THE ELECTRICITY SUPPLY ACT, 1948, ORDER OBTAINED FROM GOVT. OF PUNJAB TO ESTABLISH, OPERATE &amp; MAINTAIN THE SCHEME. FRESH PPCB CLEARANCE FOR ESTABLISHMENT HAS BEEN OBTAINED.</li> <li>• NOC OBTAINED BY THE CO. FROM NATIONAL AIRPORTS AUTHORITY OF INDIA VIDE LETTER DATED 21.10.1999. CLEARANCE FROM AAI FOR 275 M TALL CHIMNEY HAS BEEN OBTAINED.</li> <li>• NOC OBTAINED BY THE CO. FROM THE CHIEF OF STAFF, WESTERN COMMAND, CHANDIMANDIR VIDE LETTER DT. 31.8.1998.</li> <li>• NO OBJECTION CERTIFICATE FROM FOREST DEPARTMENT IS OBTAINED.</li> <li>• SITE APPRAISAL CLEARANCE IS OBTAINED.</li> <li>• FOREST DEPARTMENT CLEARANCE FOR APPROACH ROAD HAS BEEN OBTAINED VIDE LETTER DATED 23.11.2009 AND THE COMPANY HAS PAID THE NECESSARY FEE TO ISSUED THE NOC. AN AFFIDAVIT HAS ALSO BEEN SUBMITTED TO FOREST</li> </ul>

	<p>DEPARTMENT AS PER THE RECENTLY CHANGED GOVERNMENT RULES TO RELEASE THE NOC.</p> <ul style="list-style-type: none"> <li>• PUNJAB STATE GOVERNMENT GUARANTEE FOR THE PROJECT HAS BEEN SIGNED ON 29.3.2001.</li> <li>• THE COMPANY HAS ENTERED INTO WATER SUPPLY AGREEMENT WITH IRRIGATION DEPARTMENT, GOVERNMENT OF PUNJAB FOR SUPPLY OF 20 CUSECS OF WATER ON 29<sup>TH</sup> MARCH, 2001. REVISED AGREEMENT SIGNED ON 07.04.2010.</li> <li>• ORDERS FOR MAIN PLANT EQUIPMENT (BTG PACKAGE) PLACED ON M/s BHEL ALONGWITH 10% ADVANCE PAYMENT AMOUNTING TO RS.103 CRORE. NOTICE TO PROCEED HAS ALSO BEEN ISSUED ON 29.09.09. ENGINEERING WORK FOR THE SAME IS IN PROGRESS. BOP PACKAGE HAS BEEN EXECUTED WITH M/S PUNJ LLOYD LTD.ON 14.09.09 AND ADVANCE OF RS.5 CRORE HAS BEEN PAID. ENGINEERING WORK FOR BALANCE OF PLANT IS ALSO IN PROGRESS.</li> <li>• NON EPC WORK AWARDED TO M/S VERTEX PROJECTS LTD.</li> <li>• COAL SUPPLY AGREEMENT EXECUTED ON 6.6.2009.</li> <li>• M/S TCE CONSULTING ENGINEERS LTD., BENGALURU HAVE BEEN APPOINTED AS TECHNICAL CONSULTANTS AND M/S BARSYL ARE APPOINTED AS TECHNICAL CONSULTANTS FOR RAILWAY SIDING WORK. M/S SIRAJ AND RENU, BENGALURU HAVE BEEN IDENTIFIED FOR THE ARCHITECTURAL CONSULTACY WORK FOR PLANT, NON-PLANT AND COLONY BUILDINGS.</li> </ul>
FUEL LINKAGE	<p><b>A. TOKISUD NORTH BLOCK:</b></p> <ul style="list-style-type: none"> <li>• TOKISUD NORTH COAL FIELD ALLOTTED AS A CAPTIVE COAL MINE AND THE DEVELOPMENTAL ACTIVITIES ARE UNDER PROGRESS.</li> <li>• SANCTION OF MINING PLAN: SANCTIONED VIDE MOC LETTER NO. 13016/25/2005-CA-I DATED 05.04.2006.</li> <li>• LAND ACQUISITION: ACQUIRED 452 ACRES (NON-FOREST LAND) OUT OF 480 ACRES (94%) DIRECTLY FROM THE OWERNS. MINING OPERATIONS CAN BEGIN WITH THE LAND ACQUIRED SO FAR. THE BALANCE LAND IS BEING ACQUIRED THROUGH LA ACT AND AN APPLICATION WAS FILED IN THIS REGARD IN THE FIRST WEEK OF FEBURARY '2012. THE COMPANY HAS REMITTED AN AMOUND OF RS. 2.46 CRORES AS DEMANDED BY THE STATE GOVERNMENT FOR TRANSFER/LEASE OF 40 ACRES OF GOVERNMENT LAND. FILE IS BEING PROCEESED AT SECRETARY LEVEL.</li> <li>• FOREST CLEARANCE: THE COMPANY HAS OBTAINED STAGE-II CLEARANCE FROM MOEF VIDE LETTER NO.</li> </ul>

F.NO. 8-26/2009-FC DATED 28.12.2011 FOR DIVERSION OF 926 ACRES FOREST LAND.

- THE COMPANY IS IN THE PROCESS OF TRANSFER AND MUTATION OF THE COMPENSATORY AFFORESTATION LAND IN FAVOUR OF GOVERNMENT OF JHARKAND, WHICH IS EXPECTED TO BE COMPLETED BY MAY'2012.
- MINING LEASE: GOVERNMENT OF JHARKHAND (GOJ) HAD ISSUED THE SANCTION ORDER VIDE NO. CO/HAZAR-25/2007/M/RANCHI DATED 17.01.2009. EXECUTED MINING LEASE WITH GOVT. OF JHARKHAND ON 05.08.2010.
- ENVIRONMENT CLEARANCE: MOEF HAD GRANTED ENVIRONMENTAL CLEARANCE VIDE LETTER NO. J-11015/430/2006-IA.II (M) DATED 24.09.2008.
- REHABILITATION AND RESETTLEMENT: R & R PROPOSAL WAS APPROVED BY DEPUTY COMMISSIONER VIDE MEETING HELD ON 07.05.2010. COMPLETED SURVEY FOR ELIGIBLE PROJECT AFFECTED FAMILIES FOR HOUSES IN R & R COLONY. COMPANY HAS ISSUED LETTER OF INTENT (LOI) TO M/S SANJAY CONSTRUCTION BOKARO, RANCHI FOR CONSTRUCTION OF R&R COLONY PHASE-1 FOR AN AMOUNT OF RS.5,92,17,578/-
- BRIDGE ON RIVER DAMODAR FOR TRANSPORT OF COAL ETC. THE COMPANY PROPOSES TO CONSTRUCT A BRIDGE ON DAMODAR RIVER TO ACCESS THE COAL BLOCK FROM TOKISUD SITE AND HAS AWARDED THE WORK TO M/S NARAYAN CONSTRUCTIONS ON 10.01.2009. NOTICE TO PROCEED (NTP) WAS ISSUED ON 16.08.2010 AND OPEN FOUNDATION FOR P1 TO P4 PIERS COMPLETED AND FOUNDATION FOR P5 UNDER PROGRESS.
- RAILWAY SIDING: CONSTRUCTION OF RAILWAY SIDING IS IN FULL SWING.
- TOPOGRAPHICAL SURVEY AND BOUNDARY FIXING OF MINING LEASE AREA: 50% OF THE WORK IS COMPLETED WITH THE CO-OPERATION OF DEPARTMENT OF FORESTS.
- THE PROCESS FOR SELECTION OF MDO IS COMPLETED. THE COMPANY HAS OPTED TO UNDERTAKE THE WORK ON ITS OWN AS PER THE PROVISION OF APTEL ORDER DATED 13.01.2011.

**B. SEREGARHA COAL BLOCK:**

- SEREGARHA COAL BLOCK IN JHARKHAND WAS ALLOCATED TO M/S ARCELOR MITTAL INDIA LIMITED AND GVK POWER (GOINDWAL SAHIB) LIMITED VIDE MINISTRY'S LETTER NO. 38011/2007-CA-I DATED 09.01.2008.
- JOINT VENTURE AGREEMENT: JV COMPANY BETWEEN GVK POWER (GOINDWAL SAHIB) AND ARCELORMITTAL INDIA LIMITED UNDER THE NAME "SEREGARHA MINES LIMITED" WAS INCORPORATED ON 18.03.2009.

	<ul style="list-style-type: none"> <li>EXPLORATION PLAN: EXPLORATION PLAN WAS PREPARED BY CMPDIL VIDE ITS LETTER NO. CMPDI/BD/C(731)/369 DATED 06.07.2009.</li> <li>BANK GUARANTEE: THE SEREGARHA MINES LIMITED (JV) HAD SUBMITTED BANK GUARANTEE ON 08.04.2008 FOR RS. 32.40 CRORES TO MOC AS REQUIRED BY THE SANCTION LETTER, ITEM NO. 2(IX). THE BANK GUARANTEE WAS FURTHER RENEWED UP TO 07.04.2012.</li> <li>GRANT OF PROSPECTING LICENSE: GOVT. OF JHARKHAND GRANTED PROSPECTING LICENSE VIDE LETTER NO. 1684 DATED 20.09.2010. THE COMPANY HAD CONCLUDED THE PROSPECTING LICENSE WITH THE GOVERNMENT ON 03.03.2011.</li> <li>FAC HAS CLEARED THE PROPOSAL VIDE ITS MEETING HELD ON 31.05.2011. MOEF HAS ACCORDED ITS PERMISSION VIDE LETTER F.NO. 8-20/2011-FC DATED 04.07.2011.</li> <li>TOPOGRAPHICAL SURVEY: TOPOGRAPHICAL SURVEY IS COMPLETED.</li> <li>EXPLORATION: THE EXPLORATION AGENCY M/s NARESH KUMAR &amp; CO., HAS COMPLETED THE DRILLING OF FOURTEEN BOREHOLES FOR A MATERAGE OF 4417 Mtrs.</li> <li>TRANSFER OF LAND FROM CCL: RS. 112 LAC PAID TO CENTRAL COALFIELDS LIMITED AS NOTIONAL EXPENDITURE FOR TRANSFER OF LAND ACQUIRED UNDER CB ACT, ON 02.07.2009. CCL HAS APPROVED TO SURRENDER OF ITS MINERAL RIGHTS IN FAVOR OF JV COMPANY i.e. SEREGARHA MINES LIMITED. THE PROCESS FOR TRANSFER IS IN PROGRESS.</li> </ul>
DATE/PRESENT STATUS OF SIGNING OF FUEL SUPPLY AGREEMENT	GVK INDUSTRIES LIMITED HAS PROMOTED A SPECIAL PURPOSE COMPANY TO DEVELOP THE PRIVATE COAL MINE BLOCK WHICH HAS EXECUTED THE FUEL SUPPLY AGREEMENT WITH GVK POWER GOINDWAL SAHIB LIMITED ON 06.06.2009.
DATE/PRESENT STATUS OF SIGNING OF FUEL TRANSPORTATION AGREEMENT	M/S GVK HAS SIGNED THE COAL TRANSPORTATION AGREEMENT WITH INDIAN RAILWAYS FOR GOINDWAL SAHIB POWER PROJECT ON 11.12.2008.
NAME OF PROMOTERS WITH THE COUNTRY OF ORIGIN, THEIR EQUITY PARTICIPATION	M/S GVK INDUSTRIES LTD. HAS FORMED A COMPANY M/S GVK POWER (GOINDWAL SAHIB) LIMITED TO EXECUTE THE PROJECT.
FINANCING PACKAGE PLAN EQUITY (IN MILLION) DEBT (IN MILLION)	DEBT TO EQUITY OF 80: 20
DETAILS OF ESCROW FACILITY	THE ESCROW AGREEMENT IN THE FORMAT AS AGREED BETWEEN THE PSEB, PSEBs BANKERS STATE BANK OF PATIALA AND M/S GVK HAS BEEN SIGNED BY THE THREE

	PARTIES ON 4.6.09.
LEAD INDIAN FINANCIAL INSTITUTION;	INDUSTRIAL DEVELOPMENT BANK OF INDIA (IDBI)
POWER EVACUATION FACILITY	<p>TO BE COMPLETED BY PSEB 7 MONTHS PRIOR TO COD.</p> <p><b>❖ ERECTION OF TRANSMISSION LINES AND SUBSTATION BAYS FOR EVACUATION OF POWER</b></p> <p>CHIEF ENGINEER/TL HAS BEEN ASKED TO TAKE UP THE WORK OF ERECTION OF TRANSMISSION LINES FROM THE PROJECT TO THREE NOS. 220 KV SUB STATIONS AT KHAUSA (AMRITSAR), BOTTIANWALA (FEROZEPUR) AND SULTANPUR (KAPURTHALA) AND CHIEF ENGINEER/SUB STATION HAS BEEN ASKED TO TAKE UP WORK OF CONSTRUCTION OF BAYS FOR THREE NOS. D.C.LINES FROM THE PROJECT TO THESE SUB STATIONS FOR EVACUATION OF POWER FROM THE PROJECT TO THE GRID. THE STATUS OF TRANSMISSION LINES ASSOCIATED WITH GOINDWAL SAHIB PROJECT IS AS UNDER:-</p> <p><b>1. 220 KV GOINDWAL SAHIB-KHAUSA DC LINE</b></p> <p>THE ROUTE SURVEYED. THE SCOPE NEEDS TO BE REVISED AS THE SPACE FOR BAY AT KHAUSA NOT AVAILABLE.</p> <p><b>2. 220 KV GOINDWAL SAHIB-SULTANPUR DC LINE</b></p> <p>THE WORK OF THIS LINE IN PROGRESS. STUBBING OF 12 OUT OF 58 NO. TOWERS HAVE ALREADY BEEN COMPLETED.</p> <p><b>3. 220 KV GOINDWAL SAHIB-BOTTIANWALA DC LINE</b></p> <p>THE SURVEY OF THIS LINE HAS BEEN CARRIED OUT, ROUTE PLANT PREPARED AND IS UNDER APPROVAL.</p>
SIGNING OF EPC CONTRACT & EPC CONTRACTOR	BTG PACKAGE EXECUTED WITH M/S BHEL ON 06.02.2009 & NOTICE TO PROCEED ISSUED ON 29.09.2009. BOP PACKAGE AWARDED TO M/S PUNJ LLOYD EXECUTED ON 14.09.2009 AND NOTICE TO PROCEED HAS BEEN ISSUED.
SIGNING OF O&M CONTRACT/O&M CONTRACTOR	UNDER FINALISATION BY THE CO.
GESTATION PERIOD	36/42 MONTHS FROM THE FINANCIAL CLOSURE.

DATE OF LIKELY START OF CONSTRUCTION/ACTUAL DATE IF CONSTRUCTIONS HAS COMMENCED	FOUNDATION FOR START OF CONSTRUCTION ACTIVITY LAID ON 18.10.08. BHOOMI PUJAN FOR START OF CONSTRUCTION WORK DONE ON 9.6.2009 AND THE SAME IS IN PROGRESS.
ANTICIPATED COMPLETION DATE	WITHIN 36 MONTHS FROM THE DATE OF FINANCIAL CLOSURE FOR FIRST UNIT AND 6 MONTHS THEREAFTER FOR SECOND UNIT. AS THE FINANCIAL CLOSURE HAS BEEN ACHIEVED ON 21.05.2010, THEREFORE, THE SCHEDULED COMMISSIONING OF THE PROJECT IS MAY, 2013 AND NOVEMBER, 2013.
PRESENT STATUS OF CONSTRUCTION;	<p>• <b><u>MAIN PLANT- BTG CONTRACT ON M/S. BHEL, NEW DELHI.</u></b>  <b><u>ACTIVITIES COMPLETED</u></b></p> <p><b>BTG SCOPE:</b></p> <p><b><u>ACTIVITIES COMPLETED</u></b></p> <p><b>Boiler Unit# I:</b></p> <ul style="list-style-type: none"> <li>• Welded Joints-- 12981/13047.</li> <li>• Structural erection - 2928/3571 MT.</li> <li>• Pressure part erection - 2456/2640 MT.</li> <li>• DUCT - 137 MT/ 1070 MT.</li> <li>• Total erection - 5812 MT / 8702 MT completed.</li> <li>• Joints Welded - 10900/10900 (for HT drain cable).</li> <li>• Total joints - 13436/14000 approx.</li> <li>• Joints Radio graphed - 1090/1090.</li> </ul> <p><b>Boiler Unit# I AUX:</b></p> <ul style="list-style-type: none"> <li>• FANS - 55MT/197 MT.</li> <li>• APH - 341MT/434 MT.</li> <li>• ESP - 2464 MT / 3045 MT erection completed.</li> </ul> <p><b>Boiler Unit# II:</b></p> <ul style="list-style-type: none"> <li>• Welded Joints-- 3633/12887.</li> <li>• Boiler Structural erection - 2304/3571 MT.</li> <li>• Pressure part erection - 1543 MT/ 2640 MT.</li> <li>• Boiler total erection - 3974 MT / 8557 MT.</li> <li>• Joints Welded - 3227 / 14000.</li> <li>• Joints Radio graphed - 304/1900.</li> </ul> <p><b>Boiler Unit # II AUX:</b></p> <ul style="list-style-type: none"> <li>• ESP-- 2119 MT / 3045 MT.</li> </ul>

**Turbine & Auxiliaries- Unit# I:****Condenser**

- Condenser Box preparation completed.
- Lower dome wall placed (Turbine and generator side).
- Condensate suction line completed.
- Condenser Tube Support plate welding under progress.
- Front and rear side dome wall placement under progress.

**Turbine**

- HP Module placed.
- IP turbine placed.
- LP rotor placed.

**Generator**

- Base plate alignment, leveling and grouting completed.

**Auxiliaries**

- Lube oil piping drain header work U/P.
- HP Heater -5 & 6 placed on its position.
- All BFPs placed
- DMCW and ACW pipe work in progress
- In MOT room, oil cooler & centrifuge placed
- HP flash tank placed and aligned
- AOP, EOP and jacking oil pump placed, base plate blue matching U/P.
- ACW, DMCW and DMCW booster pump placed.

**Electrical & C & I Unit # I:**

- Station Transformer Placed.

**Turbine & Auxiliaries- Unit# II:****Condenser**

- Condenser erection started.

**TG**

- Hot well bottom plate placed.
- Side wall erection under progress.

**Electrical & C & I:**

- Station Transformer Placed.



**ACTIVITIES UNDER PROGRESS:**

- Generator- Strand jack erection.
- Condenser T.S.P cleaning.
- LP top casing fit up and Coupled run out under progress.
- Return Oil Piping – Bearing pedestal drain Fit up & welding.
- Duct & Supporting Structure -Tie beam erection and welding.
- Oil vapour's piping & Supply Oil Piping header fit up.
- MOP Piping Supply & Return.
- DMCW piping fit-up & welding.
- ACW piping fit-up & welding.
- BFP discharge line- pipe fit up & welding.
- De-aerator Overflow line fit up & welding.
- CEP discharge to de-aerator inlet line fit up and welding.
- BHEL Trichy material supply.
- BHEL Haridwar material supply.
- BHEL Bhopal material supply.
- BHEL PEM material supply.

**BOP SCOPE:****Power House Building Unit# I:**

- Casting completed.

**Power House Building Unit# II:**

- All main columns erected. 15.5m floor ready for casting.
- CEP pit -A & B completed.

**TG # II**

- Condenser front handed over to BHEL.
- EOT Crane Erection completed.

**Electrical Bay:**

- All floors casted.
- Brick work under progress.

**Compressor House:**

- 9.0 m and 15.5 m floor erection & welding work completed

**Transformer Yard Foundation Work:**

- GT-I, ST-I & II & UAT-I foundation.

**Mill Bay Unit# I:**

- Bowl Mill-A, B & E super structure Casted.
- Fabrication & Erection Works- 16 out of 16 no's columns first lift & 2<sup>nd</sup> Lift completed and 2 out of 16 no's columns of Third lift have been completed.

**Mill Bay Unit# II:**

- 11 out 16 pile cap and pedestal casting completed.
- 08 out of 16 columns first lift erection completed.
- Bowl Mill A, D and E raft casting completed.

**ESP Control Room:**

- Building is ready except door & windows.

**Switchyard**

- Equipment Structure & Equipment Erection.
- Switch Yard CR.
- Switch Yard Cable Trench casting work completed.
- ABT Metering room.
- Switch Yard Drainage- All work completed.

**Chimney:**

- Shell Casting up to 270.0 m completed.
- Flue can fabrication completed. 10/13 platforms fabrication completed.

**DM & PT Plant:**

- DM Building- Building is ready except doors & windows.
- Sludge pit -Finishing & Columns casting up to roof slab is completed.
- DM Tanks (02 No's) 01 Tank- Erection & HT completed. 02 Tank- Erection work in progress.
- Inlet work for DM clarifier cascade aerator launder casting completed. Stiling chamber slab casting completed, Distribution chamber wall casting completed up to 2.5m level.
- Neutralization Pit – Hydro test completed.
- Filter Water Storage Tank- DM water storage tank wall completed.
- Sludge Thickener Wall casting is completed bottom of slab.
- Main Clariflocculator- Slab casting completed at 1.00m level.

- Alkali - super structure work is completed. Acid – Tank slab Casting completed. Walk way slab casting completed.
- Dual Media Gravity Filter- Wall casting completed up to ground beam level.
- Degasser Blowers – Foundation Completed. Degasser blower foundation completed.
- Chemical House – Footings & columns completed.
- Connecting channel between HRSCC – FWST: Footings Completed. Column casting Completed.

#### **DM Plant Mechanical Work:-**

- DMF-2 no's, ACF-2 no's, SAC -2 no's, WBA-2 no's, SBA-2 no's, MB-02 no's erection completed.
- Frontal piping work completed.
- Degasser Tower and tank erection completed.
- Alkali storage tank (2 no's) – completed.
- Alkali and acid unloading pump (4 no's) - erection completed.
- DM regeneration pumps (2 no's) - erection completed.
- UF feed pump (3 no's) - erection completed.
- UF fast flushing pumps- erection completed.
- Degasser tower (3 no.) pump erection completed.
- Degasser blower (4 no.) erection completed.
- Measuring tank (6 no.) erection completed.

#### **CST:**

##### **Tank Erection**

- Tank-1- water filling completed.
- Tank-2- water filling completed.

##### **CHP-Civil works:**

- Wagon Tippler 1- Hopper wall above ground level casting completed.
- Wagon Tippler-2- Hopper wall above ground level and -2.07 inclined wall casting completed work completed and mounity slab at +6.62m casting completed.
- Stacker Reclaimer- 440 out of 1000 m casting completed.
- JNT-1- Ties beam casting completed.
- BCN-4,5 & 8- Foundation casting work completed.

- BCN-6- 72 % foundation casting work completed
- TH-3- Wall casting up to (-) 14.2 Meter completed; work in progress for slab at -13.226 meter.
- TH-1-Wall casting up to -5.2 meter completed.
- ERH- Excavation up to -9 Meter completed.
- Stock Pile Raft completed.

#### Fabrication & Erection Work

- Structural Fabrication - 3075 out of 4200MT fabrication completed.
- Structure erection – 1434 MT erected.
- JNT-2- Erection work is completed.
- JNT-3- 85 % erection work is completed.
- BCN-4- 10 % erection work is completed.
- BCN-5- 70% erection work is completed.
- BCN-8A/B- 95% erection work is completed.
- BCN-9 - 60 % erection work is completed.
- Crusher House- 21 out of 21 columns first lift erection completed and 17/21 second lift completed.250/730MT erection completed.3.8m floor cleared for RCC.

#### IDCT-I:

- 7 Cells up to Fan deck bottom is completed.
- 6 cells cylinder 1<sup>st</sup> lift completed. 4 cells cylinder 2nd lift completed
- Wall Beam at (-).150 M (A & D) – 100 % work is completed.
- Main Beam & Transverse Beam at .650 M- 70 % Work is completed (Grid 1 to 22).

#### IDCT-II:

- Wall Beam at 0.650 M (A & D) – 50 % work is completed (Grid 1 to 22).
- Main Beam & Transverse Beam at .650 M- 36 % Work is completed (Grid 1 to 12).
- Columns Up to .650 M to 3.460 M- 7 % work is completed (Grid 1 to 6x).
- Longitudinal end wall at 7.33 m (A & D)-(Grid 1 to 4) - 8% completed.

#### CW Channel & Pipe Line:

- Civil Works- 700 RM casting completed. Fabrication completed
- CW Pipe Erection- 1242 RM erection work is completed.
- CW Pipe Hydro test- 1038 RM hydro test is

completed.

- Unit # 1CW pipe line, TG area erection & hydro test completed.

#### **LP Piping**

- Pipe laying work in progress on PR-8B and 8C (90% completed).

#### **PA, FD & ID Fan & Duct Support:**

- ID Fan Unit-2- Wall second Lift casting completed for Fan-B. Fan-A wall first lift casting completed.
- UNIT – 2 – PA & FD Fan – A Raft Completed.
- UNIT-1- ID Fan to Chimney- foundation casting work completed.

#### **Duct Support:**

- ID Fan B to Chimney- foundation casting work completed.

#### **FOPH Building**

- HFO & LDO Tank- Hydro test of LDO & HFO-2 completed.
- FOPH Building – Ready except floor casting.

#### **Cooling Water Pump House:**

- Slab casting completed.
- Fore bay – Raft casting, Stiffener wall casting and Plum concrete completed.
- Fore way top raft shuttering and reinforcement completed.
- Chlorination Building: - pile cap 100% completed and column work U/P.
- Switch Gear building: - 100% pile cap completed.
- CW channel- 80% raft & 60% wall completed.

#### **River Water Intake:**

- Main Well- (-) 15.6 meter out of 28.5 meter sinking completed.
- Ciassion-1- (-) 26.8 meter out of 27.0 meter sinking completed.
- Ciassion-2- (-) 26.72 meter out of 28.5 meter sinking completed.
- Pier-A (-) 14.75 meter out of 28.5 meter sinking completed.
- River Water Pipe Line -410 meter raft casting is completed and 430m PCC completed. 156 RM encasing completed.

**Raw Water Pump House:**

- Fore bay wall completed.
- Sluice gate raft completed.
- Raw water channel from reservoir-I to sluice gate raft completed.
- Chamber- Chlorination & MCC room slab casting completed.

**Pipe Rack Foundation:**

- Pipe Rack 8B & 8C footing casting completed.
- Pipe rack 8A- 80% footing casting completed.
- Pipe rack 8E- 70% footing casting completed
- Pipe rack 7A,7B completed.
- Pipe rack 8A- 80% footing casting completed.

**Pipe Rack Mechanical**

- PR- 7A, 7B and 7C fabrication work completed.
- PR- 7A- 80 % erection completed.
- PR-8B & 8C erection completed.
- PR-7B & 7C- 90% erection completed.

**ACTIVITIES UNDER PROGRESS****Main Plant****PHB:**

- PHB Unit#1-Gradeslab work and Drain work final lift at TG 0.0 meter.
- PHB Unit#1-0.0, 9.0 & 15.5 Meter brick work.
- PHB Unit#2- BFP foundation reinforcement work.
- PHB Unit#2-0.9 meter slab (A-B row) casting work & 15.5meter slab (A-B row) casting work.
- PHB Unit#2- Structural erection at 21m is under progress.
- Grid 8A-10 (A to C)--+11.5m Acid proof tiling work in progress in battery room. 8.5m brick work.
- Grid 8A to 10(B to C) - +11.5 m tiling work in progress in battery room.
- Grid 8A-10 (A to B) - 35 Meter reinforcement work in progress.
- Grid 8A to 10(B to F) - 21m reinforcement work in progress.
- Air Washer Room Foundation casting work.

**Transformer Yard:**

- GT-II- Reinforcement.
- Cable pulpit - CP-10 –Second lift in progress.

- Burnt oil Pit - Wall Shuttering in Progress.

#### **ESP Control Room:**

- Brick Work- 0.0 to 3.95 Meter plastering.
- Brick Work- 3.95 to 9.2 Meter plastering.

#### **SwitchYard:**

- Switchyard- Fencing work-mesh and barbed wire fixing work in progress.
- Additional Bus Post foundations- 3 /105 completed.
- ABT Metering room- Painting work.
- Switch Yard Cable Trench top cover pre-casting work.
- Power & Control cable laying - 30 % completed. Cable Tray laying in progress.
- 83 % earthing completed.

#### **Balance of Plant**

##### **DM & PT PLANT**

- Inlet work for DM clarifier stilling chamber slab & wall casting under progress. HRSCC wall and slab work in progress.
- Filter Water Storage Tank- DM water storage tank -slab shuttering under progress.
- Sludge Thickener- Slab work.
- Main Clariflocculator- Wall casting above the slab.
- Dual Media Gravity Filter- Ground beam casting.
- Chemical House –Ground beam casting.
- Connecting channel between HRSCC & FWST- Elevated channels.

##### **CHP**

- Wagon Tippler-1- Rotation pedestals shuttering work.
- Stacker Reclaimer- Work is in progress for casting of 4 nos. of modules.
- TH-3- Reinforcement and shuttering work in progress for slab at -13.226 meter.
- Stock Pile reinforcement work.
- Road side Storm drain work.

##### **WTP**

- RW Pump House- Raw water channel wall casting.

	<p><b>PA, FD &amp; ID Fan &amp; Duct Support:</b></p> <ul style="list-style-type: none"> <li>• Unit-2 –PA Fan- Super structure reinforcement and shuttering work is in progress.</li> <li>• Unit-2 ESP to ID &amp; ID fan to chimney foundation work in progress.6/33 foundations completed.</li> </ul> <p><b>Pipe Rack Foundation</b></p> <ul style="list-style-type: none"> <li>• Pipe Rack 7C, 6D, 6C footing casting, Pipe Rack 3A &amp; 3B column work.</li> <li>• Pipe Rack structural fabrication, Pipe Rack-3A, 3B fabrication.</li> </ul> <p><b><u>NON PLANT INFRASTRUCTURE AND FACILITIES BY GVK:</u></b></p> <p><b>NON-EPC:</b></p> <ul style="list-style-type: none"> <li>• Compound wall - Construction completed</li> <li>• Ash pond construction is in progress.</li> <li>• Residential Colony work is in progress.</li> <li>• Fire station building work is in progress.</li> <li>• Green belt development is in progress.</li> <li>• Service building construction is in progress</li> <li>• Admin Building construction is in progress.</li> <li>• Canteen Building construction is in progress.</li> <li>• Stores construction is in progress.</li> <li>• Railway siding construction is in progress.</li> </ul> <p>❖ <b><u>MANPOWER AND EQUIPMENT AT SITE:</u></b></p> <ul style="list-style-type: none"> <li>• There are no incidents to report. There is no time lost due to injury or accident during the month. 6,887,416 man hours have been completed without any injury loss time.</li> </ul>
INVESTMENT MADE TILL DATE	<ul style="list-style-type: none"> <li>• AS INFORMED BY THE COMPANY - Rs. 1955.85 CRORES (TILL MARCH 2012).</li> </ul>
<p>OTHER ISSUES</p> <p>a. LINKED PROJECTS (COAL, GAS OR OTHERS)</p> <p>b. INFRASTRUCTURE LINKAGES (RAIL/ROAD/COMMUNICATION)</p> <p>c. ANY OTHER ISSUE</p>	<p>AS ABOVE</p> <p>RAIL LINKAGE COMPLETED &amp; COMMISSIONED UPTO GOINDWAL SAHIB. LOCATED ADJOINING TO KAPURTHALA-TARN TARAN ROAD.</p> <p>-</p>
CRITICAL AREA	<ul style="list-style-type: none"> <li>• A TARIFF ORDER DATED 29.4.08 WAS ISSUED BY PSERC IN CASE OF PETITION NO.4 OF 2007 FILED BY M/S GVK FOR APPROVAL OF TARIFF IN WHICH</li> </ul>



	<p>PROJECT COST WAS APPROVED FOR RS. 2622.48 CRORES.</p> <ul style="list-style-type: none"> <li>• THE COMPANY FILED AN APPEAL ON THE ORDER OF PSERC WITH APPELLATE TRIBUNAL FOR ELECTRICITY, NEW DELHI THE TRIBUNAL GAVE ITS JUGDEMENT VIDE ORDER DATED 8.04.09. THE ESTIMATED COST OF THE PROJECT AS PER ORDER OF THE APPELLATE TRIBUNAL IS RS. 2963.81 CR.</li> <li>• THE PSERC HAS ISSUED ORDER DATED 6.03.09 IN THE CASE OF PETITION NO. 3 OF 2007 FILED BY PSEB FOR APPROVAL OF AMENDED &amp; RESTATED PPA WITH M/S GVK.</li> <li>• M/S GVK HAS FILED AN APPEAL IN THE APPELLATE TRIBUNAL AGAINST THE ORDER OF PSERC DT. 6.3.09 AND ALSO FILED AN INTERIM APPLICATION FOR ALLOWING THEM TO SIGN THE PPA WITHOUT PREJUDICE TO THEIR RIGHT OF APPEAL. THE HEARINGS OF THE APPEAL AND INTERIM APPLICATION WERE HELD ON 30.4.09 AND 19.5.09. THE APPELLATE TRIBUNAL ISSUED AN INTERIM ORDER DATED 19.5.09 GIVING LIBERTY TO BOTH THE PARTIES FOR SIGNING THE PPA AS PER THE ORDER OF PSERC.</li> <li>• THE AMENDED &amp; RESTATED PPA HAS BEEN SIGNED ON 26.5.09 AS PER THE ORDERS OF THE COMMISSION AND APPEAL HAS BEEN DISMISSED BY THE TRIBUNAL VIDE ITS ORDER DATED 13.01.11.</li> </ul>
<p><b>AREAS OF CONCERN</b></p>	<ul style="list-style-type: none"> <li>• <b>AREA OF CONCERN:</b> <ul style="list-style-type: none"> <li>• Construction Power Supply Tariff is being charged under "Temporary power Supply category" – A costly inconvenience - Request PSPCL to re-consider</li> <li>• Due to change of law Entry tax is being imposed on the project material at Punjab border. Due to this there will be an increase in project cost by about 10%.</li> <li>• Soil improvement through vibro compaction is increasing the project cost.</li> <li>• Excess length of pile than envisaged is increasing the project cost.</li> <li>• Increase in soil filling quantity due to heavy settlement during vibro compaction.</li> <li>• Increase in cost of railway siding as approved by Northern Railways.</li> <li>• Continued inclement weather conditions and rains affected work progress during the month.</li> <li>• Delay in material supply from BHEL Trichy is affecting BTG work progress adversely in Unit#2 for the last 7 months. Unit-1 hydro test is getting delayed due to delay in welding</li> </ul> </li> </ul>

	<p>completion by BHEL.</p> <ul style="list-style-type: none"> <li>▪ Railway corridor land possession is yet to be given and it results in delaying the railway siding work.</li> </ul>
PRESENT ADDRESS OF THE COMPANY	'PAIGAH HOUSE', 156-159, SARDAR PATEL ROAD, SECUNDERABAD- 500 003. ANDHRA PRADESH, INDIA
TELEPHONE NUMBER & FAX NO.	Off: 91-40-27902663, 64 Fax: 91-40-27902665
ANY ASSISTANCE REQUIRED.	

March, 2012

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 enclosure-I
Unit-2	660MW	31.12.2012	
Unit-3	660MW	30.04.2013	
Date of clearance by State Govt.	9/2006		
Est. approved cost	----		
Expenditure up to handing over the Power Project to the Successful bidder.	Appx. Rs.387Cr		
Financial closure	As per provisions under the Power Purchase Agreement the TSPL have not achieved the Financial Closure till date		
Type of Fuel	Coal		
Fuel linkage	7.72MTPA by Mahanadi Coal Field Limited—from Basundara Coalfields		
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)		

March, 2012

### 3x660MW(1980MW) Talwandi Sabo Thermal Power Project.

- 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.

- Commercial Operation Dates (CoDs):-

	As per PPA	As per previous intimation by TSPL	As per latest intimation by TSPL
1 <sup>st</sup> Unit	31.08.2012.	08.11.2012	08.08.2013
2 <sup>nd</sup> Unit	31.12.2012.	08.02.2013	08.11.2013
3 <sup>rd</sup> Unit	30.04.2013	10.06.2013.	08.03.2014

- EPC- Contract: M/s SEPCO Electric Power Construction Corporation, Jinan, Shandon, China.
- Coal linkage: M/s Mahanadi Coal Fields Ltd. Sambalpur have already issued LOA to TSPL on 14.08.2008 for 7.72 MTPA coal linkage--Grade is E/F.
- Fuel Supply Agreement: Yet to be signed by the TSPL.
- Water Linkage: 100 cusec water linkage obtained from Kotla branch.
- Land acquisition: 2113 acres of land acquired near Villages Banawala, Distt. Mansa. 193 acre land for rail and water corridor has been acquired.

#### TSPL have intimated status of the project as under:-

- » Major equipments for Main plant, BOP, Coal Handling Plant, Switchyard, Ash Handling Plant, others auxiliary & essential packages ordered. Approx.1,31,000 MT material dispatched from China , twenty two shipments from China & fifteen cargos from third countries.

#### Project Progress : Activities completed as on 31<sup>st</sup> March 2012

S.No	Activity Description*	Status
	<b>Infrastructure Work</b>	
1	Road Diversion Work	Completed
2	Street Lighting Work	Completed
3	Plant Boundary Wall Work	Completed
	<b>Civil Works</b>	
4	Test Piling Completion	Completed
5	Soil Investigation	Completed
6	Area Grading in Main Plant Area	Completed

March, 2012

7	Piling Work in Main Plant Area	Completed
	Boiler Unit # 1, 2 & 3	Completed
	ESP Unit # 1, 2 & 3	Completed
	Pile testing in Boiler 2 area	Completed
	DM plant piling	Completed
	Switchyard	Completed
	Main Power House	Completed
	Chimney piling	Completed
	NDCT Unit #2(Shell) piling work	Completed
	Piling work in CHP area	Completed
8	Boiler 1 ,2 & 3foundation work	Completed
9	DM plant foundation	Completed
10	Switchyard foundation	Completed
11	Chimney raft foundation	Completed
12	Chimney slip form erection	Completed
	<b>BOP</b>	
13	NDCT Unit #2(Internal & External) piling work	Completed
14	NDCT#2 ring foundation & pedestals for raker column	Completed
15	NDCT 2 raker column and ring beam construction	Completed
16	NDCT 1 & 3 ring foundation work	Completed
17	MPH 2 foundation work	Completed
18	NDCT Unit #3(Internal & External) piling work	Completed
19	NDCT Unit#1(Internal & External) piling work	Completed
20	Water Purifying house	Completed
21	CWPH raft foundation work	Completed
22	Inclined plate filter	Wall construction completed

#### Project Progress – Activities under Progress

S No	Activity Description*	Status
	<b>Infrastructure Work</b>	
1	Transit hostel	In Progress
	<b>Civil Work</b>	
2	NDCT 3 raker column and ring beam construction	50% completed
3	Chimney shell construction	In progress
4	Chimney unit#2 flue can fabrication	40% completed
5	MPH 1 foundation work	90% completed
6	MPH 3 foundation work	40% completed
7	Wagon tippler foundation work	Raft foundation completed, wall casting in progress

March, 2012

8	Raw water reservoir	65% completed
9	Railway siding	Inplant yard track laying completed, Outplant yard earthwork completed, blanketing in progress, Bridges construction in progress
10	HCSO system	70% completed: Heldup for want of HCSO pumps from last 5 months
<b>Mechanical Work</b>		
11	CW pipes erection	In progress
12	Boiler 2 erection	50% Pressure parts welding completed
13	Boiler 1 erection	Pressure parts welding in progress
14	Boiler 3 erection	Structural erection in progress
15	Switchyard erection	Gantry steel structure erection completed. 60% equipment erection completed
16	DM plant	Equipments erection in progress
17	Crusher house and CSR	Structure erection in progress, CSR rails erected
18	NCB/CCB	Structure erection in progress

\*All activities as per the revised project schedule

#### Other Supporting Infrastructure & Facilities:

##### **Railway link & siding**

- » ESP approved by Northern Railways. Outplant bridges, RUBs and culverts work is in progress
- » Outplant yard track laying in progress

##### **Water conveyance**

- » Pump house & buffer tank civil works in progress. Pipe laying completed. Overall progress- 65%.

##### **Water reservoir**

- » Excavation and embankment work completed. Precast tiles lying in progress. PVC pipe and HDPE in progress

##### **High concentration slurry disposal**

- » Tanks fabrication and erection is in progress. Pump house work is in progress

**Manpower & Equipments:-** About 5700 manpower working at site and appx. 1,31,000MT material dispatched from China.

##### **Following Twin Moose DC on DC lines of 400 KV approved for evacuation of power:**

- a) 440 KV Talwandi Sabo to 400 KV Nakodar with LILO of one Ckt at 400 KV PGCIL Moga.
- b) 400 KV Talwandi Sabo to 400 KV Mukatsar.
- c) 400 KV Mukatsar to 400 KV Mastewal (Makhu). 400 KV Talwandi Sabo to 400 KV Dhuri.
- d) 400 KV Mastewal to 400 KV Bala Chak Amritsar.

The evacuation lines have been ordered for execution by M/s PGCIL.

March, 2012

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 enclosure-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	Documents submitted by the Firm are under scrutiny		
Type of Fuel	Coal		
Fuel linkage	5.55MTPA from South Eastern Coalfields Limited (SECL) –from Korba Raigarh fields.		
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

March, 2012

## 2x700MW(1400MW) RAJPURA THERMAL POWER PROJECT

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 CODs of 1<sup>st</sup> & 2<sup>nd</sup> Units of the project are 17.01.2014 & 17.05.2014 respectively.
- 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. Fuel Supply Agreement yet to be signed.
- Water Linkage: Irrigation Deptt., Punjab Govt. allocated water linkage on 09.05.2008 & 14.07.2010 (for the revised capacity of 2x700 MW).
- Land acquisition: 1078.16 acre of land acquired for the main plant. Railway corridor:-Land acquisition for railway corridor 126.65 acre is under process. Section 6 is cleared on 12<sup>th</sup> dec.-11 for 106.5 acre. Award has been accorded for Rajpura 44.64 acres and is in process for remaining 62.46 acre land in Fatehgarh Sahib.
- Railway Corridor: PO issued to L&T-Railway Business Unit for Design, Engineering, Const. & Commissioning of Railway siding. L&T-Railway Business Unit started mobilization at site and railway siding embankment work started inside the plant area. Procurement of Ballast and sleepers started and blanketing inside plant in progress. Detailed Project Report (DPR) for Railway infrastructure scheme approved on 19.9.2011.

### Major milestones/Activities intimated by NPL:-

- » DPR for 2X700MW finalized.
- » Major equipment for main plant, BOP, Coal Handling Plant, Ash Handling Plant, others auxiliary & essential packages ordered.
- » Amendment in MOEF clearance for the 1400MW Rajpura TPP 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, Contour & Topographical Survey completed.
- » Due to change in Unit configuration, application for additional coal linkage submitted to Ministry of Coal, Govt. of India. Standing linkage committee (SLC) has approved enhancement of capacity to 2x700 MW.
- » Approval for Change in Land Use obtained from Chief Town Planner, Pb on 10.06.2010.



March, 2012

» Design & Engineering work in progress- 93% completed.

Sr No.	Name of Work	UOM	Physical Progress		
			Cumulative upto 29 <sup>th</sup> Feb,2011	During Month of Mar,2012	Cumulative till 31 <sup>th</sup> Mar,2012
<b>A</b>	<b>CIVIL</b>				
<b>I</b>	<b>PILING</b>	Nos	Completed		
<b>II</b>	<b>PILE CAP / FOUNDATIONS</b>				
	<b>UNIT#1</b>				
	1. Boiler, ESP,Fan etc.	CUM	6,147	225	6,372
	2. Mill Bay		4,837	0	4,837
	3. STG & Auxiliaries		8,275	39	8,314
	4. NDCT Raft,racker column,pedestals		10,705	810	11,515
	<b>UNIT#2</b>				
	5. Boiler , ESP ,Fans, etc		5,569	517	6,086
	6. Mill Bay		4,373	133	4,506
	7. STG & Auxiliaries		3,273	706	3,979
	8 NDCT Raft		3,498	2,368	5,866
	<b>COMMON SYS</b>				
	9. Chimney		14,133	2,272	16,405
	10. Service Building	752	69	821	
	11. Control Room	1,467	27	1,494	
	12. SW Yard Foundations	Nos	207	-	207
	<b>MISCELLANEOUS</b>				
	13. Plant Roads WBM	Sqm	21,525	2,121	23,646
	14. Misc. RCC-Water System, Drains etc	cum	8,689	6,960	15,649
<b>B</b>	<b>STRUCTURAL</b>				
<b>I</b>	<b>FABRICATION</b>				
	1. STG Bldg#1	Tons	4,373	470	4,843
	2. Control Room Bldg.		1,343	92	1,435
	3. Bunkers#1		808	114	922
	4. STG Bldg#2		2,722	76	2,798
<b>II</b>	<b>ERECTION</b>				
	1. STG Bldg#1		2,347	555	2,902
	2. Control Room Bldg.		971	172	1,143
	3. STG Bldg#2		0	92	92
<b>III</b>	<b>BOILER #1 ERECTION</b>	Tons	8,441	3230	11,671
<b>IV</b>	<b>BOILER # 2 ERECTION</b>		4,035	2014	6,049
<b>V</b>	<b>CW PIPE(2550-3750)</b>				
	1. Welding	Mtr	1,883	327	2,210

March, 2012

2.	Erection	Mtr	395	5	400	
<b>C</b>	<b>RAW WATER RESERVOIR</b>					
I	Excavation	CUMx10 <sup>3</sup>	Completed			
II	Embankment	CUMx10 <sup>3</sup>	2,72,822	0	2,72,822	
III	Laying of precast tiles	SQM	3,00,152	28,6559	3,28,811	
<b>D</b>	<b>RLY SIDING IN PLANT</b>					
I	Earth work	CuM	1,53,000	-	1,53,000	
II	Blanketting	CuM	61,000	-	61,000	
III	Sleeper laying (in plant yard)	EKTM	14	-	14	
<b>E</b>	<b>COAL HANDING</b>					
I	RCC	CUM	12,603	1,429	14,032	
II	Structure Erection	Tons	347	169	516	
<b>F</b>	<b>ASH HANDLING SYSTEM</b>					
I	Ash Dyke Excavation	CuM	4,35,222	1,38,543	5,73,765	
II	Ash Silo	CuM	452	33	485	

**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.

-----\*\*\*\*\*-----