

**MINISTRY OF POWER
PROJECT MONITORING SYSTEM**

STATUS ENDING AUGUST, 2011.

PROJECT NAME	GOINDWAL SAHIB THERMAL PROJECT.
STATE/ DISTRICT	PUNJAB/TARN TARAN
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 TH 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.	RS. 2963.81 CR. (REVISED AFTER APPELLATE TRIBUNAL ORDER DATED 8.04.09) ESTIMATED BY THE CO.
DEBT	80%-I.E. RS. 2371.048 CR.
EQUITY	20% - RS. 592.762 CR.
TOTAL	100% -RS. 2963.81 CR.
ACTUAL EXPENDITURE ON PROJECT	ACTUAL EXPENDITURE INCURRED TILL DATE:
DEBT	S) LAND : 167.75 CRORES
EQUITY	T) BTG, BOP, NON-EPC, PREPARATIVE EXPENSES, FINANCE CHARGES, (INCLUDING IDC)
TOTAL	TOTAL AMOUNTS SPEND SO FAR UP TO -RS. 1233.26 Crore (TILL AUGUST ,2011).
FDI INFLOW	NOT KNOWN.
SANCTIONS.	
ACTUAL SO FAR.	
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)
1ST.YEAR	LEVELLISED TARIFF- RS. 2.63 (ESTIMATED)
LEVELLISED.	
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"> ❖ 1074 ACRES OF LAND HAS BEEN ACQUIRED. ❖ NOTIFICATION UNDER SECTION-IV OF THE LAND ACQUISITION ACT 1894 HAS BEEN ISSUED BY GOVT. OF PUNJAB ON 29.07.2010 FOR ACQUISITION OF 38 ACRES 3 CANANLS AND 9 MARLAS OF LAND FOR RAILWAY SIDING AND RIVER WATER PIPELINE. AMENDMENT TO NOTIFICATION ISSUED ON 01/11/2010.
OTHER REQUIRED CLEARANCES	<ul style="list-style-type: none"> • NOC FROM PUNJAB POLLUTION CONTROL BOARD OBTAINED BY THE CO. VIDE LETTERS DATED 30.4.1999 & 31.5.1999. ENVIRONMENTAL CLEARANCE FROM MOEF HAS BEEN OBTAINED FOR THE PROJECT VIDE LETTER DATED 9.5.08. • UNDER SECTION 29 OF ELECTRICITY SUPPLY ACT 1948. THE SCHEME WAS PUBLISHED IN THE STATE GAZETTE ON 19.2.1999. • UNDER SECTION 18(A) OF THE ELECTRICITY SUPPLY ACT, 1948, ORDER OBTAINED FROM GOVT. OF PUNJAB TO ESTABLISH, OPERATE & MAINTAIN THE SCHEME. FRESH PPCB CLEARANCE FOR ESTABLISHMENT HAS BEEN OBTAINED. • NOC OBTAINED BY THE CO. FROM NATIONAL AIRPORTS AUTHORITY OF INDIA VIDE LETTER DATED 21.10.1999. CLEARANCE FROM AAI FOR 275 M TALL CHIMENY HAS BEEN OBTAINED. • NOC OBTAINED BY THE CO. FROM THE CHIEF OF STAFF, WESTERN COMMAND, CHANDIMANDIR VIDE LETTER DT. 31.8.1998. • NO OBJECTION CERTIFICATE FROM FOREST DEPARTMENT IS OBTAINED. • SITE APPRAISAL CLEARANCE IS OBTAINED. • 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 DEPARTMENT AS PER THE RECENTLY CHANGED GOVERNMENT RULES TO RELEASE THE NOC. • PUNJAB STATE GOVERNMENT GUARANTEE FOR THE PROJECT HAS BEEN SIGNED ON 29.3.2001. • THE COMPANY HAS ENTERED INTO WATER SUPPLY AGREEMENT WITH IRRIGATION DEPARTMENT, GOVERNMENT OF PUNJAB FOR SUPPLY OF 20 CUSECS OF WATER ON 29TH MARCH, 2001. REVISED AGREEMENT SIGNED ON 07.04.2010. • 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

	<p>ALSO IN PROGRESS.</p> <ul style="list-style-type: none"> • NON EPC WORK AWARDED TO M/S VERTEX PROJECTS LTD. • COAL SUPPLY AGREEMENT EXECUTED ON 6.6.2009. • 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.
FUEL LINKAGE	<p>A. TOKISUD NORTH BLOCK:</p> <ul style="list-style-type: none"> • TOKISUD NORTH COAL FIELD ALLOTTED AS A CAPTIVE COAL MINE AND THE DEVELOPMENTAL ACTIVITIES ARE UNDER PROGRESS. • SANCTION OF MINING PLAN: SANCTIONED VIDE MOC LETTER NO. 13016/25/2005-CA-I DATED 05.04.2006. • LAND ACQUISITION: ACQUIRED 720 ACRES OF COMPENSATORY AFFORESTATION LAND AGAINST REQUIRED 926 ACRES. COMPANY HAS ACQUIRED 441 ACRES OF PRIVATE & OTHER GOVT. LAND OUT OF TOTAL REQUIREMENT OF 604 ACRES. THE COMPANY HAS REMITTED RS. 2.12 CRORES TOWARDS 80% OF NOTIONAL VALUE OF THE GOVT. LAND AND GOVT.'S APPROVAL FOR TRANSFER/LEASE IS AWAITED. • FOREST CLEARANCE: MOEF HAS ISSUED STAGE-I CLEARANCE VIDE LETTER NO.8-26/2009-FC DATED 21.04.2010. STEPS ARE ON HAND TO COMPLY WITH STIPULATED CONDITIONS TO GET STAGE-II CLEARANCE. DEPOSITED AN AMOUNT OF RS. 32.64 CRORES IN CAMPA A/C TOWARDS NPV & COST OF AFFORESTATION. • 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-1FOR 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 16.08.2010AND OPEN FOUNDATION FOR P1 TO P4 PIERS ARE UNDER PROGRESS. • RAILWAY SIDING: MOST OF THE LAND ACQUIRED. THE COMPANY HAS OBTAINED CLEARANCE FROM EAST CENTRAL RAILWAY, HAJIPUR FOR CONSTRUCTION OF RAILWAY SIDING AT TOKISUD RAILWAY STATION AT AN ESTIMATED COST OF RS. 135 MILLIONS VIDE LETTER NO. ECR/OPT/GVK/TOKISUD/505 DATED 10.08.2009. DPR WAS

	<p>APPROVED BY EAST CENTRAL RAILWAY, HAJIPUR. ENGINEERING SCALE PLANS ARE UNDER FINALIZATION FOR GIVING WORK ON CONTRACT.</p> <ul style="list-style-type: none"> • APPROACH ROAD AND RAILWAY SIDING: SURVEY IS COMPLETED. CONTRACT WILL BE AWARDED AFTER STAGE-II FOREST CLEARANCE. • TOPOGRAPHICAL SURVEY AND BOUNDARY FIXING OF MINING LEASE AREA: 50% OF THE WORK IS COMPLETED WITH THE CO-OPERATION OF DEPARTMENT OF FORESTS. • OTHER FILED ACTIVITIES IN THE MINING BLOCK WILL BE TAKEN UP, AFTER THE FOREST LAND AND NON-FOREST LAND ACQUISITION IS COMPLETED. <p>B. SEREGARHA COAL BLOCK:</p> <ul style="list-style-type: none"> • 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. • EXPLORATION PLAN: EXPLORATION PLAN WAS PREPARED BY CMPDIL VIDE ITS LETTER NO. CMPDI/BD/C(731)/369 DATED 06.07.2009. • 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 ON 08.04.2010. • GRANT OF PROSPECTING LICENSE: GOVT. OF JHARKHAND GRANTED PROSPECTING LICENSE VIDE LETTER NO. 1684 DATED 20.09.2010. • APPLICATION FOR FOREST CLEARANCE WAS CLEARED BY MINISTER (FOREST) RECENTLY AND IS BEING SENT TO MOEF DELHI. • TOPOGRAPHICAL SURVEY: TOPOGRAPHICAL SURVEY IS COMPLETED. • EXPLORATION: SHORTLISTED SIX EXPLORATION AGENCIES. THE CONTRACT FOR EXPLORATION DRILLING WILL BE FINALIZED BY FEB., 2011. • TRANSFER OF LAND FROM CCL: RS. 50 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.
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>❖ ERECTION OF TRANSMISSION LINES AND SUBSTATION BAYS FOR EVACUATION OF POWER 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 KHASA (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>1. 220 KV GOINDWAL SAHIB-KHASA DC LINE THE ROUTE SURVEYED. THE SCOPE NEEDS TO BE REVISED AS THE SPACE FOR BAY AT KHASA NOT AVAILABLE.</p> <p>2. 220 KV GOINDWAL SAHIB-SULTANPUR DC LINE THE WORK OF THIS LINE IN PROGRESS. STUBBING OF 12 OUT OF 58 NO. TOWERS HAVE ALREADY BEEN COMPLETED.</p> <p>3. 220 KV GOINDWAL SAHIB-BOTTIANWALA DC LINE THE SURVEY OF THIS LINE HAS BEEN CARRIED OUT, ROUTE PLAN 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. BHOMI 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. HOWEVER,
PRESENT STATUS OF	• MAIN PLANT- BTG CONTRACT ON M/S. BHEL, NEW

CONSTRUCTION;

DELHI.

BTG:

ACTIVITIES COMPLETED:

BOILER UNIT# I :

- ROOF PANEL 1ST PASS ERECTION DONE.
- HEADER ERECTION- 15 OUT OF 36 HEADERS ERECTED
- CROWN PLATE ASSEMBLY COMPLETED & ERECTED

ESP UNIT# I :

- ASH HOPPER INSTALLATION IS IN PROGRESS FOR PASS A AND PASS B.
- INLET FUNNELS ERECTION -03 OUT OF 04 ERECTED
- LOADING & GAUGING UP TO 4TH FIELD COMPLETED

BOILER UNIT# II :

- 2 DOWN COMERS AND 3 NO'S HEADERS ERECTED.
- ROLLED BEAMS ALIGNMENT AND WELDING IS COMPLETED FOR ALL GIRDERS.

ESP UNIT# II :

- INSTALLATION OF COLLECTING ELECTRODE 1304 NO'S COMPLETED OUT OF 4116
- ERECTION OF MIDDLE EMITTING FRAME & GD SCREEN IS COMPLETED.

TG UNIT# 1:

- CONDENSER ERECTION STARTED ON 18-08-2011
- FOUNDATION CHIPPING, HANGER & PLATE FORM ERECTION (CHIPPING & PLATE FORM COMPLETE)
- SPRING COMPRESSION COMPLETE
- CHECKING & RECORDING OF TG FOUNDATION ELEVATIONS COMPLETED

ACTIVITIES UNDER PROGRESS:

- BOILER#1- PRESSURE PARTS ERECTION
- BOILER#1-SUPER HEATER COIL ERECTED AND WELDING IS IN PROGRESS
- BOILER#1-ROOF STRUCTURE ERECTION COMPLETED AND SHEETING IS IN PROGRESS
- BOILER#1-ASSEMBLY OF UPPER WATER WALL HEADER WITH PANEL IS IN PROGRESS
- BOILER#1-PRESSURE PARTS – CROWN PLATE ASSEMBLY ALIGNMENT IN PROGRESS
- ESP# 1-INNER ROOF ERECTION IN PROGRESS UP TO 4TH FIELD FOR PASS A AND PASS B
- TG#1- CONDENSER ERECTION STARTED ON 18-08-

2011

- BOILER#2- PRESSURE PARTS ERECTION
- TG#1-CONDENSER ERECTION STARTED ON 18-08-2011
- BOILER#2-PRESSURE PARTS ERECTION
- BOILER#2-CROWN PLATE PRE ASSEMBLY AND WELDING OF CROWN PLATE IS IN PROGRESS.
- BOILER#2 -SILENCERS SUPPORT STRUCTURE AND ROOF STRUCTURE ASSEMBLY IN PROGRESS.
- ESP# 2-OUTLET FUNNEL FIT UP UNDER PROGRESS
- ESP# 2-EMITTING FRAME ERECTION COMPLETED ALIGNMENT IS IN PROGRESS
- ESP# 2-ALIGNMENT OF FIELDS COMPLETED UP TO 5TH, 6TH & 7TH UNDER PROGRESS
- BHEL TRICHY BOILER MATERIAL SUPPLY
- BHEL HARIDWAR MATERIAL SUPPLY
- BHEL BHOPAL MATERIAL SUPPLY
- BHEL PEM MATERIAL SUPPLY

NON-EPC:

- STORAGE SHED#2 CONSTRUCTION IS COMPLETED
- ASH POND CONSTRUCTION IS IN PROGRESS
- RESIDENTIAL COLONY WORK IS IN PROGRESS
- GREEN BELT DEVELOPMENT IS IN PROGRESS
- AVERAGE WORK FORCE DURING THE MONTH IS 3000 NOS

• **BOP PACKAGE : INFRASTRUCTURAL WORKS BY M/S PUNJ LLOYD (BOP CONTRACTORS)**

- **BOP**

ACTIVITIES COMPLETED

POWER HOUSE BUILDING UNIT I:

CIVIL WORKS-

- ALL MAIN & AUXILIARY COLUMN ERECTION WORK COMPLETED
- 15.5 M FLOOR CASTED
- ROOF SHEETING WORK COMPLETED

EOT CRANE UNIT-1:

- EOT CRANE HAS BEEN COMMISSIONED & HANDED OVER TO BHEL

TG UNIT# I:

CIVIL WORKS

- TG DECK CASTING WORK COMPLETED & HANDED OVER TO M/S BHEL

POWER HOUSE BUILDING UNIT# II:

CIVIL WORKS-

- CASTING COMPLETED -08 OUT OF 15 NO'S..
- FABRICATION AND ERECTION- ALL MAIN COLUMN FABRICATION WORK COMPLETED, 06 OUT OF 21 MAIN COLUMNS HAVE BEEN ERECTED.

TG UNIT# II:

- PILING, EXCAVATION, PILE CHIPPING, DEBRIS CLEANING & PCC WORK COMPLETED

ELECTRICAL BAY:

CIVIL WORKS

- 04 OUT OF 18 PILE CAP CASTED, PILING IS COMPLETED

MECHANICAL WORKS

- STRUCTURAL FABRICATION - 11 OUT OF 15 MAIN COLUMN FABRICATIONS COMPLETED

TRANSFORMER YARD-:

CIVIL WORKS

- GT -I WORK COMPLETED, 60% OF FIRE WALL CASTING COMPLETED.
- ST-I FOUNDATION-80 % OF WORK COMPLETED, 50% OF FIRE WALL CASTING COMPLETED
- UAT-I FOUNDATION- 85 % OF WORK COMPLETED
- GT-II FOUNDATION- 20 % OF WORK COMPLETED
- ST-II FOUNDATION- 40 % OF WORK COMPLETED

MILL BAY UNIT# I:

CIVIL WORKS-

- MILL BUNKER-11 OUT OF 16 PEDESTALS CASTING COMPLETED BOWL MILL- 04 OUT OF 05 BOWL MILL CASTED,
- SUPER STRUCTURE OF BOWL MILL- BOWL MILL E REINFORCEMENT LAYING COMPLETED MECHANICAL
- FABRICATION & ERECTION WORKS- 09 OUT OF 16 NO'S HAVE BEEN ERECTED

ESP CONTROL ROOM- CASTING OF COLUMNS UP TO LINTEL BEAM COMPLETED

SWITCHYARD - KAPURTHALA LINE

CONDUCTOR STRINGING COMPLETED

CIVIL WORKS

- SWITCH YARD CR- SLAB CASTING COMPLETED

ELECTRICAL WORKS

- TOWERS & GANTRY- ERECTION WORK COMPLETED

CHIMNEY:

- MECHANICAL WORKS- 130 RM FLUE CAN FABRICATION WORK COMPLETED
- CASTED UP TO 14.0 M COMPLETED

DM PLANT:

CIVIL WORKS-

- DM BUILDING- 23 OUT OF 29 FOUNDATION CASTING WORK COMPLETED, COLUMNS UP TO PLINTH BEAM 22 OUT OF 32 COMPLETED
- NEUTRALIZATION PIT - 2ND LIFT REBARS WORK STARTED.
- SLUDGE PIT CASTING COMPLETED, WALL 2ND LIFT CASTING COMPLETED,
- DM TANKS (02 NO'S) - ONE TANK FOUNDATION & WALL TANK CASTING WORK COMPLETED, AND SECOND TANK 1ST LIFT WALL CASTING WORK COMPLETED.
- MAIN CLARIFLOCCULATOR- FOUNDATION WORK COMPLETED UP TO PARSHALL FLUME
- CASCADE AERATOR- FOUNDATION WORK UP TO STILLING CHAMBER COMPLETED
- SLUDGE THICKENER- EXCAVATION, PCC & RAFT CASTING WORK COMPLETED

CHP-CIVIL WORKS:

CIVIL WORK

- WAGON TIPPLER 1-RAFT FOR WT-1 AT (-) 12.8 M COMPLETED
- WAGON TIPPLER-2- RAFT UP TO -7.8 M COMPLETED.
- STACKER RECLAIMER- 80 OUT OF 1000 M CASTING COMPLETED
- JNT-2 - 70 % RAFT CASTING WORK COMPLETED
- JNT-3 - 10 % RAFT CASTING WORK COMPLETED
- BCN-8- 75 % RAFT CASTING WORK COMPLETED
- BCN-9- 60 % RAFT CASTING WORK COMPLETED
- BCN-4- 25 % RAFT CASTING WORK COMPLETED

- BCN-5- 10 % RAFT CASTING WORK COMPLETED
- TH-1, 2 & 3- EXCAVATION & DEWATERING WORK
- CRUSHER HOUSE- PILE CHIPPING & EXCAVATION WORK COMPLETED
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FABRICATION & ERECTION WORK

- STRUCTURAL FABRICATION - 1127 OUT OF 3500 MT FABRICATION COMPLETED
- STACKER RECLAIMER- RAIL ERECTION WORK 80 METER OUT OF 1000 METER COMPLETED
- BCN-8- TRESTLE & GALLERY ERECTION - 23.80 MT ERECTED

IDCT-I:

- RAFT CASTING COMPLETED.
- COLUMNS- 75 % COLUMNS CASTING COMPLETED
- BASIN WALL- 63 % BASIN WALL CASTING COMPLETED

IDCT-II:

- 70 % RAFT CASTING COMPLETED.
- COLUMNS- 20 % COLUMN CASTING COMPLETED
- BASIN WALL- 30 % WALL CASTING COMPLETED

CW CHANNEL & PIPE LINE

CIVIL WORKS

- CW CHANNEL BOTTOM RAFT PCC WORK 80% COMPLETED

FABRICATION & ERECTION WORK

- CW PIPE ROLLING FIT UP & WELDING 60 % WORK COMPLETED
- CW PIPE LINE 35 % ERECTION WORK COMPLETED

PA, FD & ID FAN & DUCT SUPPORT:

- ID FAN UNIT-1- FAN-A UP TO GRADE SLAB COMPLETED
- ID FAN UNIT-2- RAFT CASTING COMPLETED FOR FAN-A
- DUCT SUPPORT FOUNDATION-51 % PILE CAP CASTING WORK COMPLETED
- DUCT SUPPORT FAN HANDLING AREA- 75 % PILING WORK COMPLETED
- PA & FD FAN- 75 % PILING WORK COMPLETED. PA FAN 01 OUT OF 04 RAFT CASTING COMPLETED

FOPH:

CIVIL WORKS

- HFO & LDO RAFT CASTING WORK COMPLETED

MECHANICAL WORKS

- LDO TANK ERECTION COMPLETED

RIVER WATER INTAKE:

- KERB CASTING COMPLETED
- WELL SINKING WORK STARTED

ACTIVITIES UNDER PROGRESS:

- PHB UNIT#1- PEDESTALS WORKS FOR CEP FOUNDATION FOR THE TOP LIFT
- PHB UNIT#1-CW PIT WALL REBARS WORK IN PROGRESS
- PHB UNIT#2- EXCAVATION & PILE CHIPPING WORK
- ELECTRICAL BAY FOUNDATIONS AND STRUCTURAL FABRICATION WORK
- UNIT#1 BFP C FOUNDATION WORK
- WAGON TIPPLER-2 FOUNDATION WORK
- WAGON TIPPLER-2 PCC AND RCC
- DM TANKS FABRICATION WORK
- TG UNIT#1-SPRINGS FIXING AND ALIGNMENT FOR CONDENSER
- TG UNIT#1-CONDENSER ASSEMBLY FOR THE BOTTOM PLATE.
- RAW WATER RESERVOIR PCC & GRADE SLAB WORK
- FPS- PIPE LINE FIT UP & WELDING WORK
- CHP- PILE CAP CASTING & MODULES 19 & 23 REBAR WORK
- RW INTAKE SYSTEM-CUTTING EDGE FABRICATION
- FAN-B-FINAL LIFTS SHUTTERING WORK
- CRUSHER HOUSE-PCC
- CW PIPELINE - FIELD JOINT WELDING & RAFT REINFORCEMENT LAYING WORK
- CW PIPE LINE RAFT CASTING WORK IN PROGRESS
- UNIT#1 ID FANS FOUNDATION WORK
- SWYD- EQUIPMENT ERECTION IN PROGRESS
- SWITCH YARD CABLE TRENCH- EXCAVATION & RAFT CASTING WORK IN PROGRESS
- CHIMNEY SHELL CONCRETING
- CHP FABRICATION WORK
- RW RESERVOIR-PCC & GRADE SLAB WORK
- IDTC#1& 2 WORK
- DM PLANT BUILDING WORK
- FOPH- REBAR WORK , HFO & LDO TANKS FABRICATION WORK

	<ul style="list-style-type: none"> • FEROPUR LINE1 & 2 CONDUCTOR STRINGING • NON PLANT INFRASTRUCTURE AND FACILITIES BY GVK: NON-EPC: Non-EPC: <ul style="list-style-type: none"> • ASH POND CONSTRUCTION IS IN PROGRESS, STORAGE SHED CONSTRUCTION IS IN PROGRESS, • RESIDENTIAL COLONY WORK IS IN PROGRESS, GREEN BELT DEVELOPMENT IS IN PROGRESS ❖ MANPOWER AND EQUIPMENT AT SITE: <ul style="list-style-type: none"> • THERE ARE NO INCIDENTS TO REPORT. THERE IS NO <p>TIME LOST DUE TO INJURY OR ACCIDENT DURING THE MONTH. 13,65,534 MAN HOURS HAVE BEEN COMPLETED WITHOUT ANY INJURE LOSS TIME..</p>
INVESTMENT MADE TILL DATE	AS INFORMED BY THE COMPANY - RS. 1233.26 CRORES (TILL AUGUST 2011).
OTHER ISSUES	
a. LINKED PROJECTS (COAL, GAS OR OTHERS)	AS ABOVE
b. INFRASTRUCTURE LINKAGES (RAIL/ROAD/COMMUNICATION)	RAIL LINKAGE COMPLETED & COMMISSIONED UPTO GOINDWAL SAHIB...LOCATED ADJOINING TO KAPURTHALATARN TARAN ROAD.
c. ANY OTHER ISSUE	-
CRITICAL AREA	<ul style="list-style-type: none"> • 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 PROJECT COST WAS APPROVED FOR RS. 2622.48 CRORES. • 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. • 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 & RESTATED PPA WITH M/S GVK. • 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 APFFAL. 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. • THE AMENDED & RESTATED PPA HAS BEEN SIGNED ON 26.5.09 AS PER THE ORDERS OF THE COMMISSION. HOWEVER THE HEARINGS OF THE APPEAL WERE BEING HELD FROM TIME TO TIME AND THE CASE HAS BEEN HEARD IN DETAIL ON 23.08.2010. THE WRITTEN

	SUBMISSIONS/COUNTERS OF ARGUMENTS WERE FILED BY THE PARTIES ON 13.09.2010. THE TRIBUNAL AFTER HEARING THE COUNSELS FOR THE PARTIES RESERVED THE MATTER FOR JUDGMENT. THE ORDER OF THE TRIBUNAL IS YET TO BE ISSUED.
AREAS OF CONCERN	<ul style="list-style-type: none"> • AREA OF CONCERN: <ul style="list-style-type: none"> • CONSTRUCTION POWER SUPPLY TARIFF IS BEING CHARGED UNDER "TEMPORARY POWER SUPPLY CATEGORY" – A COSTLY INCONVENIENCE - REQUEST PSPCL TO RE-CONSIDER • DUE TO CHANGE OF LAW ENTRY TAX IS BEING IMPOSED ON THE PROJECT MATERIAL AT PUNJAB BOARDER. DUE TO THIS THERE WILL BE AN INCREASE IN PROJECT COST BY ABOUT 10%. • SOIL IMPROVEMENT THROUGH VIBRO COMPACTION IS INCREASING THE PROJECT COST. • EXCESSIVE LENGTH OF PILE THAN ENVISAGED IS INCREASING THE PROJECT COST. • INCREASE IN SOIL FILLING QUANTITY DUE TO HEAVY SETTLEMENT DURING VIBRO COMPACTION. • INCREASING COST OF RAILWAY SIDING AS APPROVED BY NORTHERN RAILWAY. • INTERMITTENT RAINS AFFECTED THE WORK PROGRESS • CONTINUOUS LABOUR ATTRITION DUE TO REMOTE AREA IS AFFECTING THE PROGRESS OF WORK. • DELAY IN MATERIAL SUPPLY FROM BHEL TRICHY IS EFFECTING BTG WORK PROGRESS ADVERSELY.
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 E-mail: pradeep.lenka@gvk.com
ANY ASSISTANCE REQUIRED.	

RAJPURA THERMAL POWER PROJECT		PRESENT STATUS OF PROJECT	
Name of the Power Project	Capacity	Scheduled COD	As per the enclosure-I
Rajpura Thermal Power Project	1400MW (Gross)		
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 I'PA

Status of 2X700(1400MW) RAJPURA THERMAL POWER PROJECT Ending JULY-2011
(August awaited)

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

- As per PPA, the Scheduled CODs of 1st & 2nd Units of the project are 17.01.2014 & 17.05.2014 respectively.
- South Eastern Coal Fields Ltd. Bilaspur (Chhatisgarh) issued LOA to NPL on 11.12.2008 for 5.55 MTPA coal linkage. Grade-F

i) 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.
- » Irrigation Deptt., Punjab Govt. allocated water linkage on 09.05.2008 & 14.07.2010 (for the revised capacity of 2x700 MW).
- » Amendment in MOEF clearance for the 2x700 MW Rajpura TPP received on 15.11.2010
- » NOC from Pb. Pollution Control Board obtained on 20.9.2010 for the Project.
- » Final Detailed Project Report (DPR) for Rail Connectivity submitted to Northern Railway on 13-04-2011. PC issued to L&T-Railway Business Unit for Design, Engineering, Const. & Commissioning of Railway siding. L&T-Railway Business Unit started mobilizing at site and railway siding embankment work started inside the plant area. Procurement of Ballast and sleepers started and blanketing inside plant in progress.
- » Railway corridor (126.65 acre)— section-4 Notification issued. Meeting for land rate fixation held in July, 2011.
- » 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 on 25.5.2010. Standing Linkage committee (SLC) in its meeting datd 18th April 2011 has approved enhancement of capacity to 2x700 MW.
- » Approval for Change in Land Use obtained from Chief Town Planner, Pb on 10.06.10.
- » EPC contracts signed with M/s Larsen & Toubro Ltd. on 16.07.2010 with effective date of contract as 18.01.2010.
- » Design & Engineering work in progress- 60% completed.
- » Site office of both NPL and L&T-EPC completed and construction of labour colony blocks in progress.
- » Construction Power—Temporary line disconnected and 11kV line from Sarai Banjara Sub-station energized.

SITE PROGRESS

Sr No.	Name of Work	UOM	Physical Progress		
			Cumulative upto 30 th June, 11	During this Month of July, 11	Cumulative till 31 th July'11
A	CIVIL				
I	PILING	Nos			
	Unit#1				
1.	Main Plant & NDCTPower		2353	13	2366
	Unit #2				
2.	Main Plant		1485	-	1485
3.	NDCT		468	265	733
	COMMEN SYS				
4.	Chimney		496	-	496
II	PILE CAP / FOUNDATIONS				
	UNIT#1				
1.	Boiler, ESP, Fan etc.		3241	64	3305
	Mill Bay		3023	1074	4097
3.	STG & Auxiliaries		2198	86	2284
4.	NDCT Raft		1586	1421	3007
	UNIT#2				
5.	Boiler Fans, etc		1008	17	1025
	COMMON SYS				
6.	Chimney		1568	3020	4588
7.	Service Building		-	-	-
8.	Control Room		862	22	884
9.	SW Yard Foundations	Nos.	4	44	47
	MISCELLNEOUS				
10.	Plant Roads WBM	Sqm	19875	1650	21525
11.	Boundary wall(barbered wire)	mtr	2261	11072	13333
12.	Watch tower. High mast etc. RCC	Cum	158	2	160
B	STRUCTURAL				
I	FABRICATION				
1.	STG Bldg#1		2024	168	2192
2.	Control Room Bldg.		597	180	777
3.	Bunkers#1			60	60
4.	STG Bldg#2		273	357	631
II	ERECTION				
1.	STG Bldg#1		489	73	562

2.	Control Room Bldg.		--	13	13
III	BOILER #1 STRUCTURE ERECTION	Tons		647	647
IV	CW PIPE(2550-3750)				
1.	Rolling	Mtr	180	115	295
2.	Welding	Mtr	93	105	198
C	RAW WATER RESERVOIR				
I	Excavation	CUMx10^3	1492	6620	8112
II	Embankment	CUMx10^3	182	600	782
III	Laying of precast tiles	SQMx10^3	68	11072	11140
D	RLY SIDING IN PLANT				
I	Earth work	Cu. M	133517	1000	134517
II	Blanketting	Cu. M	7490	12870	20360
III	Ballast	Cu. M	921	5525	6446
E	COAL HANDING				
I	PCC	CUM	-	12	12
II	RCC	CUM	-	44	44

ii) 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, Nakodar to 400 KV M. stewal.

The transmission lines shall be erected by PSTCL.

TALWANDI SABO THERMAL POWER PROJECT

Name of the Power Project		Capacity	Scheduled COD	STATUS OF THE POWER PROJECT
Talwandi Sabo TPP		1980MW(Gross)		
Unit-1		660MW	31.08.2012	
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		----		
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,Shandong China.		
Power Evacuation		This system will be provided by erstwhile PSEB (now TRANSCO)		

**Status of 3x660MW(1980MW) Talwandi Sabo Thermal Power Project JULY-2011
(August awaited).**

3X660 MW(1980MW) is being developed at village Banawala, Distt. Mansa on "BOO" basis by Talwandi Sabo Power Limited (owned by M/s Sterlite Energy Limited w.e.f 01.09.2008, the date of PPA) under Case-2 through International Tariff Based competitive bidding process as per bidding guidelines issued by Ministry of Power, Govt. of India.

- As per PPA, the Scheduled Commercial Operation Dates (CoDs) of 1st, 2nd & 3rd units are 31.08.2012, 31.12.2012 & 30.04.2013 respectively. However, TSPL have intimated that the actual CODs will be 08.11.2012, 08.01.2013 & 10.06.2013 respectively.
- Mahanadi Coal Fields Ltd. Sambalpur have already issued LOA to TSPL on 14.08.08 for 7.72 MTPA coal linkage --Grade is E&F.
- 2113 acres of land acquired near Villages Banawala, Distt. Mansa.
- 100-cusec water linkage obtained from Kotla branch.

A) TSPL have intimated that:-

- » EPC contract awarded to M/s SEPCO Electric Power Construction Corporation, Jinan, Shandon, China.
- » Major equipments for Main plant, BOP, Coal Handling Plant, Switchyard, Ash Handling Plant, others auxiliary & essential packages ordered. Approx. 50000MT material recd.

i) Activities completed:-

- » **Infrastructure Work:** Road diversion and Street lighting work completed.
- » **Civil Works:** Test piling, Soil investigation, Area grading in main plant, Piling work in Main Plant Area, Boiler #1,#2 , ESP#1,#2 & #3 completed. Pile testing in Boiler-2 area, DM plant piling, Switch-yard,Main Power House, Chimney piling and piling work in CHP area, NDCT Unit#2(Shell) piling work completed. Boiler-1&2, DM plant & switchyard foundation work completed.
- » **BOP**
- » NDCT Unit # 1,2&3 (Internal & External) piling work, NDCT#2 ring foundation & pedestals for raker column completed. Area grading in Balance of Plant area and water purifying house completed.

ii) Activites under Progress:-

- » **Infrastructure Work:** Plant Boundary wall work and Transit hostel work in progress.
- » **Civil Work:-**
 - MPH 1 & 2 foundation work and NDCT 3 ring foundation work in progress.
 - Chimney foundation:- reinforcement work completed.
 - CWPH raft foundation work, wagon tippler foundation work-PCC work, Crusher house and CSR foundation work completed.
 - Raw water reservoir:- PVC pipe & HDPE sheets laying started .

- Railway siding work.—Inplant yard track laying completed. Work in Major bridge, RUBs and out plant work in progress.

» **Mechanical Work:-**

- CW pipes erection, Boiler 1& 2 erection, DM plant structure erection and switchyard structure erection in progress.

iii) **Other Supporting Infrastructure & Facilities:**

- » Railway link & siding
 - ESP approval in progress by Northern Railways.
 - Inplant track laying completed. Out plant excavation 50% completed.
- » Water conveyance
 - Contractor mobilized. Pump House and buffer tank excavation is in progress.
- » Water reservoir
 - 100% earth work & embankment 90% completed. PVC pipe and HDPE laying in progress.
- » High concentration slurry disposal & Ash Dyke
 - Major order placed for HCSD system and civil work in progress. 75% excavation completed in Ash dyke.
- » Zero Discharge system
 - Order placement in final stages.

Manpower and Equipments at site:-

About 600 equipments operating at site. About 3500 manpower working at site.

B) The following Twin Moose DC on DC lines of 400 KV have been approved for evacuation of power:

- a) 440 KV Talwandi Sabo to 400 KV Nakodar with LILQ 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).
- d) 400 KV Talwandi Sabo to 400 KV Dhuri.
- e) 400 KV Mastewal to 400 KV Bala Chak Amritsar.

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