

MINISTRY OF POWER  
PROJECT MONITORING SYSTEM

STATUS ENDING DECEMBER, 2010.

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.	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 PROJECT EXPENDITURE ON	ACTUAL EXPENDITURE INCURRED TILL DATE: C) LAND : 167.75 CRORES D) BTG, BOP, NON-EPC, PREPARATIVE EXPENSES, FINANCE CHARGES, (INCLUDING IDC) TOTAL AMOUNTS SPEND SO FAR UP TO 30 <sup>TH</sup> NOVEMBER, 2010 : 658.55 CRORES
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 IST. YEAR LEVELLISED.	RS. 2.94 PER KWH (TENTATIVE FOR 1ST YEAR) 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 23.9.1989. 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 ACRES OF LAND HAS BEEN ACQUIRED.</li> <li>❖ 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 CANALS AND 9 MARLAS OF LAND FOR RAILWAY SIDING AND RIVER WATER PIPELINE. AMENDMENT TO NOTIFICATION ISSUED ON 01/11/2010.</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 DEPARTMENT AS PER THE RECENTLY CHANGED GOVERNMENT RULES TO RELEASE THE NOC.</li> <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</li> </ul>

	<p>RS. 5 CRORE HAS BEEN PAID. ENGINEERING WORK FOR BALANCE OF PLANT IS ALSO IN PROGRESS.</p> <ul style="list-style-type: none"> <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 CONSULTANCY 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 720 ACRES OF COMPENSATORY AFFORESTATION LAND AGAINST REQUIRED 926 ACRES. COMPANY HAS ACQUIRED 426 ACRES OF PRIVATE &amp; 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.</li> <li>• 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 &amp; COST OF AFFORESTATION.</li> <li>• 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.</li> <li>• ENVIRONMENT CLEARANCE: MOEF HAD GRANTED ENVIRONMENTAL CLEARANCE VIDE LETTER NO. J-11015/430/2006-IA.II (M) DATED 24.09.2008.</li> <li>• REHABILITATION AND RESETTLEMENT: R &amp; 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 &amp; R COLONY. COMPANY HAS INVITED BIDS FOR CONSTRUCTION OF 170 NOS. HOUSES.</li> <li>• 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. PRELIMINARY WORKS FOR CONSTRUCTION ARE UNDER PROGRESS.</li> <li>• RAILWAY SIDING: MOST OF THE LAND ACQUIRED. THE COMPANY HAS OBTAINED CLEARANCE FROM EAST CENTRAL RAILWAY, HAJIPUR FOR CONSTRUCTION OF</li> </ul>



	<p>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 APPROVED BY EAST CENTRAL RAILWAY, HAJIPUR. ENGINEERING SCALE PLANS ARE UNDER FINALIZATION FOR GIVING WORK ON CONTRACT.</p> <ul style="list-style-type: none"> <li>• APPROACH ROAD AND RAILWAY SIDING: SURVEY IS COMPLETED. CONTRACT WILL BE AWARDED AFTER STAGE-II FOREST CLEARANCE.</li> <li>• TOPOGRAPHICAL SURVEY AND BOUNDARY FIXING OF MINING LEASE AREA: 50% OF THE WORK IS COMPLETED WITH THE CO-OPERATION OF DEPARTMENT OF FORESTS.</li> <li>• OTHER FILED ACTIVITIES IN THE MINING BLOCK WILL BE TAKEN UP. AFTER THE FOREST LAND AND NON-FOREST LAND ACQUISITION IS COMPLETED.</li> </ul> <p><b>B. SEREGARHA COAL BLOCK:</b></p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> <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 MOCAS REQUIRED BY THE SANCTION LETTER, ITEM NO. 2(IX). THE BANK GUARANTEE WAS FURTHER RENEWED ON 08.04.2010.</li> <li>• GRANT OF PROSPECTING LICENSE: GOVT. OF JHARKHAND GRANTED PROSPECTING LICENSE VIDE LETTER NO. 1684 DATED 20.09.2010.</li> <li>• APPLICATION FOR FOREST CLEARANCE WAS CLEARED BY MINISTER (FOREST) RECENTLY AND IS BEING SENT TO MoEF DELHI.</li> <li>• TOPOGRAPHICAL SURVEY: TOPOGRAPHICAL SURVEY IS COMPLETED.</li> <li>• EXPLORATION: SHORTLISTED SIX EXPLORATION AGENCIES. THE CONTRACT FOR EXPLORATION DRILLING WILL BE FINALIZED BY DEC., 2011.</li> <li>• 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.</li> </ul>
DATE/PRESENT 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 SIGNING OF FUEL	M/S GVK HAS SIGNED THE COAL TRANSPORTATION AGREEMENT WITH INDIAN RAILWAYS FOR GOINDWAL

TRANSPORTATION AGREEMENT	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	TO BE COMPLETED BY PSEB 7 MONTHS PRIOR TO COD.  ❖ 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:- <b>1. 220 KV GOINDWAL SAHIB-KHASA DC LINE</b> THE SURVEY HAS BEEN CARRIED OUT AND ROUTE PLAN OF THIS LINE IS UNDER PREPARATION. <b>2. 220 KV GOINDWAL SAHIB-SULTANPUR DC LINE</b> THE ROUTE PLAN OF THIS LINE IS APPROVED AND THE ESTIMATE IS UNDER SANCTION. <b>3. 220 KV GOINDWAL SAHIB-BOTTIANWALA DC LINE</b> THE SURVEY OF THIS LINE HAS BEEN CARRIED OUT, ROUTE PLAN PREPARED AND IS UNDER APPROVAL.
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. P.
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. HOWEVER, AS PER THE MAJOR MILESTONE CHART PROVIDED BY THE FIRM, THE 1 <sup>ST</sup> UNIT

PRESENT STATUS OF CONSTRUCTION;	OF	<p>IS EXPECTED TO BE COMMISSIONED ON 31.01.2013 AND 2<sup>nd</sup> UNIT ON 30.04.2013.</p> <ul style="list-style-type: none"> <li>• <u>MAIN PLANT- BTG CONTRACT ON M/S. BHEL, NEW DELHI.</u> <ul style="list-style-type: none"> <li>❖ THE CONTRACT FOR SUPPLY OF BTG (BOILER-TURBINE-GENERATOR) HAS BEEN AWARDED TO M/S BHEL. THE CONTRACT HAS BEEN EXECUTED BY M/S GVK ON 06.02.09 AND NOTICE TO PROCEED HAS BEEN ISSUED ON 19.10.09.</li> <li>❖ BTG LAY DOWN AREA HAVE BEEN HANDED OVER TO CONTRACTOR.</li> <li>❖ CONSTRUCTION OF BHEL SITE OFFICE AND STORAGE SHEDS IS COMPLETED - 100%.</li> <li>❖ BTG PACKAGE CONTRACTOR BHEL'S ENABLING WORKS COMPLETED - 100%.</li> <li>❖ ENGINEERING IS IN PROGRESS AT ALL UNITS OF BHEL - 65% COMPLETED.</li> <li>❖ BOILER # 1<sup>ST</sup> &amp; 2<sup>ND</sup> TIER ERECTION IS IN PROGRESS - 60% COMPLETED.</li> <li>❖ 200 MT CRANE ERECTIONS IS IN PROGRESS - 100%.</li> <li>❖ BOILER # 2<sup>ND</sup> TIER ERECTION IS IN PROGRESS - 75% COMPLETED.</li> <li>❖ ESP # 1 ERECTION IS IN PROGRESS - 30% IS COMPLETED.</li> <li>❖ DISPATCH OF BOILER AND ESP STRUCTURAL ITEMS AND COMPONENTS ARE IN PROGRESS OVERALL 23% COMPLETED.</li> <li>❖ BHEL TIRUCHIRAPALLI SUPPLY OF CRITICAL BOILER 'STAR' COLUMNS &amp; GIRDERS IS IN PROGRESS- 45%.</li> <li>❖ BHEL RANIPET IS SUPPLYING ESP STRUCTURAL MATERIAL TO SITE - 30%.</li> </ul> </li> <li>• <u>BOP PACKAGE : INFRASTRUCTURAL WORKS BY M/S PUNJ LLOYD (BOP CONTRACTORS)</u> <ul style="list-style-type: none"> <li>❖ BOP PACKAGE HAS BEEN AWARDED TO M/S PUNJ LLOYD LTD AND THE CONTRACT HAS BEEN EXECUTED ON 14.09.09.</li> <li>❖ NOTICE TO PROCEED HAS BEEN ISSUED ON 01.12.09.</li> <li>❖ M/S PUNJ LLOYD'S (BOP CONTRACTORS) SITE OFFICE FULLY FUNCTIONAL.</li> <li>❖ 60% OF THE BOP ENGINEERING IS COMPLETED.</li> <li>❖ CEMENT STORE/GENERAL STORES COMPLETED.</li> <li>❖ BOILER # 1 &amp; 2 FOUNDATIONS ARE COMPLETED - 100%.</li> <li>❖ ESP UNIT # 1 FOUNDATION IS COMPLETED - 100%.</li> <li>❖ ESP UNIT # 1 ERECTION COMMENCED BY BHEL.</li> <li>❖ ESP UNIT # 2 FOUNDATIONS WORK IS IN PROGRESS - 75% COMPLETED.</li> <li>❖ WAGON TIPPLER EXCAVATION IS IN PROGRESS - 45% COMPLETED.</li> <li>❖ SWITCH YARD PILING IS COMPLETED - 100%.</li> <li>❖ SWITCH YARD EXCAVATION IS IN PROGRESS - 30% COMPLETED.</li> <li>❖ PH BUILDING # 1 &amp; 2 PILING WORKS IN PROGRESS - 80% COMPLETED.</li> <li>❖ PH BUILDING FOUNDATIONS CONCRETING IS IN PROGRESS - 10% COMPLETED.</li> </ul> </li> </ul>
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- ❖ PIB # 1 & 2 STRUCTURAL STEEL FABRICATION IS IN PROGRESS - OVERALL 30% COMPLETED. ROW WISE HAS BEEN GIVEN BELOW:
  - A-ROW - 11 COLUMNS COMPLETED - 50%.
  - B-ROW - 3 COLUMNS COMPLETED - 25%.
  - C-ROW - 2 COLUMNS COMPLETED - 25%.
- ❖ TG # 1 & 2 PILING COMPLETED - 100%.
- ❖ TG # 1 FOUNDATION WORK IS IN PROGRESS - 100% COMPLETED.
- ❖ CHIMNEY PILING IS COMPLETED.
- ❖ CHIMNEY EXCAVATION - 100%.
- ❖ CHIMNEY PILLIE BREAKING IS IN PROGRESS - 55% COMPLETED.
- ❖ PLANT ROADS GSB AND WBM WORK IS IN PROGRESS - 35% COMPLETED.
- ❖ BOP ENABLING WORKS COMPLETED-100%.
- ❖ LABOR COLONY WORK NEARING COMPLETION - 88%.
- ❖ CONSTRUCTION POWER SYSTEM IS COMMISSIONED - 100%.
- ❖ VIBRO COMPACTION WORK IS IN PROGRESS IN CRUSHER HOUSE & COAL HANDLING STRUCTURES AREA - OVERALL 95% OF SOIL IMPROVEMENT IS COMPLETED.

• NON PLANT INFRASTRUCTURE AND FACILITIES BY GVK:

- COMPOUND WALL CONSTRUCTION IS COMPLETED - 98%.
- SITE GRADING IS COMPLETED - 100%.
- VIBRO-COMPACTION IN TOWNSHIP AREA IS COMPLETED - 100%.
- MAIN ENTRANCE APPROACH RAMP IS COMPLETED - 100%.
- APPROACH ROAD ARE COMPLETED - 100%.
- INTERNAL CONSTRUCTION ROADS LAYING COMPLETED - 100%.
- GVK SITE OFFICE CONSTRUCTION COMPLETED - 100%.
- ASH POND BUND CONSTRUCTION WORK IS IN PROGRESS - 50% COMPLETED.
- STORAGE SHED CONSTRUCTION IS IN PROGRESS - 10%.
- COLONY WORK IS IN PROGRESS - 4%.
- STROM WATER DRAINS FOR SURFACE RUN-OFF - 75% COMPLETED.
- GREEN HOUSE CONSTRUCTION IS COMPLETED FOR NURSERY - 100%.
- GREEN BELT DEVELOPMENT IS IN PROGRESS AND PLANTS ARE RECEIVED AT SITE - 8%.

❖ MANPOWER AND EQUIPMENT AT SITE:

AVERAGE 2250 NOS. PEOPLE ARE WORKING AT SITE CONSISTING OF ENGINEERS AND EXECUTIVES OF M/S GVK, M/S BHEL, M/S PUNJ LLYOD AND WORKMEN OF EPC CONTRACTORS AND OTHER CONTRACTORS.

INVESTMENT MADE TILL DATE

AS INFORMED BY THE COMPANY - RS. 658.55 CRORES

	(TILL 30 <sup>TH</sup> NOVEMBER, 2010).
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 KAPURTHALA-TARN TARAN ROAD.
c. ANY OTHER ISSUE	
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 PROJECT COST WAS APPROVED FOR RS. 2622.48 CRORES.</li> <li>• THE COMPANY FILED AN APPEAL ON THE ORDER OF PSERC WITH APPELLATE TRIBUNAL FOR ELECTRICITY, NEW DELHI THE TRIBUNAL GAVE ITS JUDGEMENT 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. 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.</li> </ul>
PRESENT ADDRESS OF THE COMPANY	PAIGAH HOUSE, 156-159, SARDAR PATEL ROAD, SECUNDERABAD- 500 003. ANDHRA PRADESH, INDIA
TELEPHONE NUMBER & FAX NO.	<p>Off: 91-40-27902663, 64 Fax: 91-40-27902665</p> <p>E-mail: <a href="mailto:pradeep.lenka@gvk.com">pradeep.lenka@gvk.com</a></p>
ANY ASSISTANCE REQUIRED.	



Sr. No.	Name of Project	Name of Firm	Updated Status of the Project ending December, 2010
1.	540MW (2x270) Coal based Thermal Power Plant at Goindwal Sahib being developed on "BOO" basis.	M/s GVK Power (Goindwal Sahib) Ltd.	<ul style="list-style-type: none"> <li>• The Amended &amp; Restated PPA has been signed between erstwhile PSEB and M/s GVK Power (Goindwal Sahib) Ltd. on 26.5.09.</li> <li>• The Tripartite Default Escrow Agreement has also been signed between erstwhile PSEB, State Bank of Patiala (Escrow Agent) and M/s GVK Power (Goindwal Sahib) on 04.06.2009.</li> <li>• <b>COMMERCIAL OPERATION DATES:</b></li> <li>❖ As per the Terms &amp; Conditions of PPA the scheduled Commissioning of 1<sup>st</sup> &amp; 2<sup>nd</sup> Unit is 36 months and 42 months from Financial Closure respectively i.e. May, 2013 &amp; November, 2013. However, as per the major Milestone Chart provided by the firm, the 1<sup>st</sup> unit is expected to be commissioned by <u>31.01.2013 and 2<sup>nd</sup> unit by 30.04.2013.</u></li> <li>• <b>FINANCIAL CLOSURE:</b></li> <li>❖ The financing documents were executed by the firm on 1<sup>st</sup> February, 2010. 'Conditions Precedent' of financing documents have been complied with for Initial Draw Down and the firm has confirmed that financial closure has been achieved on 21.05.2010. IDBI is the Lead Lender.</li> <li>• <b>COST OF PROJECT AND ESTIMATED TARIFF:</b> The estimated Capital Cost of the project as approved by the Appellate Tribunal is Rs: 2963.81 Crores. The estimated levelised tariff based on this Capital cost is Rs. 2.63 per unit.</li> </ul>

• LAND ACQUISITION:

- ❖ 1074.615 acres of land has been acquired for the project at a cost of Rs. 167.75 Crores.

• STATUTORY CLEARANCES/APPROVALS:

- ❖ All the statutory clearances required for the project including P.P.C.B. and MOEF approvals/consents have been obtained.

• MAIN PLANT- BTG CONTRACT ON M/S. BHEL, NEW DELHI.

- The contract for supply of BTG (Boiler-Turbine-Generator) has been awarded to M/s BHEL. The Contract has been executed by M/s GVK on 06.02.09 and Notice to proceed has been issued on 19.10.09.
- BTG lay down area have been handed over to Contractor.
- Construction of BHEL Site Office and storage sheds is completed – 100%.
- BTG package contractor BHEL's enabling works completed – 100%.
- 200 MT crane erection is commissioned – 100%
- Boiler# 1 4<sup>th</sup> & 5<sup>th</sup> tier erection is in progress – 60% completed
- Boiler# 2 1st tier erection is in progress – 75% completed
- ESP# 1 erection is in progress – 30% completed
- Dispatch of Boiler and ESP Structural items and components are in progress –overall -23% completed
- Unit#1 Boiler drum hydro test was completed at Trichy
- Unit#1 boiler drum is in transit and it will reach site by 25-01-2011
- BHEL Trichy supply of Boiler 'Star' Columns & Girders in progress - 45%
- BHEL Ranipet is supplying ESP Structural material to site -30%
- BHEL Haridwar started the dispatches, Material is being received at site
- BHEL Bhopal started dispatching the material to site
- Unit#1 UAT inspection completed and is under dispatch

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

- ❖ BOP Package has been awarded to M/s Punj Lloyd Ltd and the Contract has been executed on 14.09.09.
  - ❖ Notice to Proceed has been issued on 01.12.09.
  - ❖ M/s Punj Lloyd's (BOP Contractors) site office fully functional.
    - ESP#2 foundations concrete is in progress - 75% completed
    - Wagon Tippler excavation is in progress - 45% completed
    - Switchyard excavation is in progress - 30% completed
    - Switchyard foundation concrete is in progress - 15% completed
    - PHB #1 & 2 Piling is in progress - 80% completed
    - PHB foundations concreting in progress - 10% completed
    - TG foundation# 1 - 100% complete
    - Chimney excavation - 100% completed
    - Chimney pile breaking is in progress - 55%
    - K&L bay concrete piling is in progress - 60% completed
    - PHB#1&2 Structural steel fabrication in progress - 30% completed Row wise is as below:
- A-row 11 columns - 50%, B-row 3 columns - 25%, C-row 2 columns completed - 25%
- Plant Roads GSB and WBM work is in progress - 35% completed
  - Soil improvement work is in progress in CHP - 97% completed

• OTHER AGREEMENTS:

- The firm has signed the Coal Transportation Agreement with Indian Railways for Goindwal Sahib Power Project on 11.12.2008 for supply of coal from Tokisud North Block allocated by Ministry of Coal for the project. A part of Saregarha Block which is to be developed jointly by M/s GVK and M/s Arcelor Mittal has also been allocated by Ministry.



			<ul style="list-style-type: none"> <li>• <b><u>OTHER SUPPORTING INFRASTRUCTURE AND FACILITIES:</u></b></li> <li>• <b>Railway link and siding:</b> <ul style="list-style-type: none"> <li>▪ Plant – 1074.615 acres of land is acquired, Purchased and in possession</li> <li>▪ Railway siding from Khadur Sahib to Site (37.03 acres) and river water pipeline corridor (1.40) acres. Process of Acquisition of this 38.43 acres is in progress.</li> <li>• Advertisement under section (6) completed.</li> </ul> </li> <li>▪ <b>Water Supply Agreement</b> It has been executed by M/s GVK Power (Goindwal Sahib) Ltd. with Punjab Irrigation Deptt. on 29.09.2001 for allocation of twenty Cusecs of Raw Water for the project from River Beas. Revised Agreement signed on 07.04.2010.</li> <li>❖ <b>Erection of Transmission Lines and Substation bays for Evacuation of Power</b> 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 Khassa (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:- <ul style="list-style-type: none"> <li>1. <b>220 KV Goindwal Sahib-Khassa DC line</b> The survey has been carried out and route plan of this line is under preparation.</li> <li>2. <b>220 KV Goindwal Sahib-Sultanpur DC line</b> The route plan of this line is approved and the estimate is under sanction.</li> <li>3. <b>220 KV Goindwal Sahib-Bottianwala DC line</b> The survey of this line has been carried out, route plant prepared and is under approval.</li> </ul> </li> <li>• <b><u>NON PLANT INFRASTRUCTURE AND FACILITIES BY GVK:</u></b> <ul style="list-style-type: none"> <li>▪ Site grading is completed -100% completed</li> <li>▪ Vibro-Compaction in Township is completed -100% completed</li> </ul> </li> </ul>
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			<ul style="list-style-type: none"> <li>▪ Main entrance approach ramp is completed</li> <li>▪ Internal construction roads laying completed</li> <li>▪ Compound wall - Construction completed</li> <li>▪ Site office building is completed</li> <li>▪ Storage shed construction is in progress</li> <li>▪ Colony work is in progress</li> <li>▪ Green house is completed</li> <li>▪ Green belt development is in progress</li> </ul>	<ul style="list-style-type: none"> <li>-100% completed</li> <li>- 100% completed</li> <li>-98% completed</li> <li>-100% completed</li> <li>- 10% completed</li> <li>-4% completed</li> <li>-100% completed</li> <li>- 8% completed</li> </ul>
			<p>❖ <u>MANPOWER AND EQUIPMENT AT SITE:</u></p> <ul style="list-style-type: none"> <li>▪ Batching plants – 4 Nos</li> <li>▪ Mini batching plants – 4 Nos</li> <li>▪ Piling rigs Hydraulic – 6 nos,</li> <li>▪ Piling rigs Truck mounted – 15 nos</li> <li>▪ Cranes - 12 Nos</li> <li>▪ Excavators – 8 Nos</li> <li>▪ Dozers – 5 Nos,</li> <li>▪ Graders – 3 Nos,</li> <li>▪ Tippers – 25 Nos</li> <li>▪ TMT bar cutting and bending machines – 8 Nos</li> <li>▪ Welding equipment – 63 Nos</li> <li>▪ Winches- 4 Nos</li> <li>▪ DG sets – 12 Nos</li> <li>▪ Air compressors – 4 Nos</li> <li>▪ Water Tankers – 4 Nos</li> <li>▪ Transit mixers – 8 Nos</li> <li>▪ Soil improvement vibrators – 1 Nos</li> <li>▪ Work force – average 2250 Nos</li> </ul>	

*22/02/2014*

RAJPURA THERMAL POWER PROJECT			
Name of the Power Project	Capacity	Scheduled COD	PRESENT STATUS OF PROJECT
Rajpura Thermal Power Project	1400MW (Gross)		
Unit-1	700MW*	Jan, 2014	As per the enclosure-I
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	----		
Type of Fuel	Coal		
Fuel linkage	5.55MTPA from South Eastern Coalfields Limited (SECL) –from Korba Raigarh fields.		
Date of main plant order	Yet to be placed		
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



Sr. No.	Name of Power Project	Name of the Executing Agency	UPDATED STATUS OF THE POWER PROJECT
1.	1400* MW (2X700MW) Coal based Rajpura Thermal Power Plant, Rajpura  * Unit configuration changed as per the provisions of PPA by M/s NPL from 2X660 =1320MW	M/s Nabha Power Limited.  (owned w.e.f 18.01.2010 by M/s L & T Power Development Limited )	<ul style="list-style-type: none"> <li>■ 2X700MW Rajpura TPP is being developed at village Nalash near Rajpura Distt. Patiala on "BOO" basis by M/s Nabha Power Limited (owned by M/s L &amp; T Power Development Limited w.e.f 18.01.2010, the date of PPA).</li> <li>■ As per PPA, the Scheduled CODs of 1<sup>st</sup> &amp; 2<sup>nd</sup> Units of the project are 17.01.2014 &amp; 17.05.2014 resp.</li> <li>■ Major milestones/Activities intimated by M/s NPL:                             <ul style="list-style-type: none"> <li>• DPR for 2X700MW finalized.</li> <li>• Draft Detailed Project Report for Rail Connectivity submitted to Northern Railway on 16-11-2010.</li> <li>• Soil Investigation and Contour &amp; Topographical Survey completed.</li> <li>• Due to change in Unit configuration from 2X660MW to 2X700MW, application for additional coal linkage submitted to MoC, Gol on 25.5.2010.</li> <li>• Approval for Change in Land Use (CLU) obtained from Chief Town Planner Punjab on 10.06.2010.</li> <li>• EPC contracts signed with M/s Larsen &amp; Toubro Ltd. on 16.07.2010 with effective date of contract is 18.01.2010.</li> <li>• Draft detailed project report for Rail Connectivity submitted to Northern Railways on 16.11.2010</li> <li>• Job piles of dia 600mm in Boiler Area (Boiler unit-1) started on 21<sup>st</sup> August 2010. Out of 457 nos. for Boiler-1, 427 nos. job piles have been completed. For Main Power House Building (Unit-1), 133 nos. piles out of 306 have been completed.</li> <li>• Boiler (Unit-1) pile Cap perpartion started. Around 4940 cum. Excavation &amp; 3.5 cum PCC have been completed.</li> <li>• Design and Engineering works in progress.</li> </ul> </li> </ul> <p>Note:- MOU signed on 28.07.2010 under Power Generation Policy 2010 by M/s NPL with PSPCL for installing an additional unit of 700 MW. M/s NPL have submitted the Draft PPA and Draft Implementation Agreement for this expansion unit which are scrutiny.</p>

TALWANDI SABO THERMAL POWER PROJECT

Name of the Power Project	Capacity	Scheduled COD	STATUS OF THE POWER PROJECT
Talwandi Sabo TPP	1980MW(Gross)		As per the enclosure-II
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,Shandon China.		
Power Evacuation	This system will be provided by erstwhile PSEB (now TRANSCO)		

Sr. No.	Name of Power Project	Name of the Executing Agency	UPDATED STATUS OF THE POWER PROJECT
	1980 MW (3X660) Coal based Talwandi Sabo Thermal Power Plant, Banawala.	M/s Talwandi Sabo Power Limited  (owned w.e.f 01.09.2008 by M/s Sterlite Energy Limited )	<ul style="list-style-type: none"> <li>■ 3X660 MW being developed at village Banawala, Distt. Mansa on "BOO" basis by M/S Talwandi Sabo Power Limited (owned by M/s Sterlite Energy Limited w.e.f 01.09.08, the date of PPA).</li> <li>■ As per PPA, the Scheduled Commercial Operation Dates of the 1st, 2<sup>nd</sup> &amp; 3<sup>rd</sup> units are 31.08.12, 31.12.12 and 30.04.13 resp. However, M/s TSPL have intimated that the actual CODs will be 08.11.12, 08.02.13 &amp; 10.06.13 resp.</li> <li>■ M/s TSPL have intimated that:-               <ul style="list-style-type: none"> <li>• EPC contract awarded to M/s SEPCO Electric Power Construction Corporation, Jinan, Shandon, China.</li> <li>• Major equipments for main plant, BOP, Coal Handling Plant, Switchyard, Ash Handling Plant, others auxiliary &amp; essential packages ordered.</li> <li>• Railway link &amp; siding                   <ul style="list-style-type: none"> <li>➢ DPR approval expected soon.</li> <li>➢ Section-9 for land acquisition completed.</li> <li>➢ EPC Contractor mobilised at site, inplant work in progress.</li> </ul> </li> <li>• Water conveyance                   <ul style="list-style-type: none"> <li>➢ Project estimate by Irrigation dept counter signed &amp; submitted</li> <li>➢ Engineering for Thermal Minor canal completed</li> <li>➢ Section-9 for land acquisition completed.</li> </ul> </li> <li>• Water reservoir                   <ul style="list-style-type: none"> <li>➢ Technical specification finalised.</li> <li>➢ Pre-bid meeting conducted, Negotiations in progress.</li> </ul> </li> <li>• Ash Dyke                   <ul style="list-style-type: none"> <li>-Technical specification finalized. Negotiation in progress.</li> </ul> </li> <li>• Zero Discharge system                   <ul style="list-style-type: none"> <li>-Technical specification finalized. Negotiation in progress.</li> </ul> </li> <li>• About 3300 manpower working at site</li> <li>• Test piling, Soil investigation, Area grading in main plant, Road diversion and Street lighting work completed.</li> <li>• Boundary wall in progress.</li> <li>• Piling work in Main Plant Area, Boiler #1,#2 &amp;#3, ESP#1,#2 &amp; #3 and Boiler-2 area, DM plant piling, Switch-yard &amp; Main Power House completed. Boiler-2 foundation work completed, Chimney</li> </ul> </li> </ul>



			<p>piling work-60% completed</p> <ul style="list-style-type: none"><li>• More than 100 transport vehicles delivering equipment and other inputs at project site on daily basis</li><li>• BOP</li></ul> <p>-NDCT Unit # 1,2,3(Internal) piling work completed -NDCT Unit # 1,2,3(Shell) piling work in progress -Area grading in Balance of plant area completed.</p> <p><b>Note:-</b> MoU under Power Generation Policy 2010 for installing an additional unit of 660 MW has been signed between M/s TSPL and PSPCL on 04.10.2010.</p>
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