

**MINISTRY OF POWER
PROJECT MONITORING SYSTEM**

STATUS ENDING APRIL, 2010.

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 <u>POWER</u> (GOINDWAL SAHIB) LIMITED HYDERABAD
ESTIMATED COST/DATE OF ESTIMATE (IN CASE OF TEC CLEARED PROJECTS. INDICATE COST AS PER TEC)	
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	OVER RS. 20.00 CRORES TILL 30.06.06.
DEBT	RS 164,07,31,027/- HAS BEEN PAID FOR PURCHASE OF LAND.
EQUITY	RS.103 CRORE PAID AS ADVANCE TO BHEL FOR BTG PACKAGE.
TOTAL	RS.5 CRORE PAID AS ADVANCE TO M/S PUNJ LLOYD LTD. FOR BOP PACKAGE TOTAL EXPENDITURE TILL DATE = RS.292,07,31,027/-
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	
IST.YEAR	RS. 2.94 PER KWH (TENTATIVE FOR IST YEAR)
LEVELLISED.	LEVELLISED TARIFF- RS. 2.63
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.	❖ 12 MONTHS FROM THE DATE OF SIGNING OF AMENDED AND RESTATED PPA, TENTATIVE-MAY, 2010.

	THE FINANCING DOCUMENTS HAVE BEEN EXECUTED ON 1 ST FEBRUARY, 2010. 'CONDITIONS PRECEDENT' OF FINANCING DOCUMENTS ARE BEING ATTENDED TO. 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"> ❖ 1070 ACRES OF LAND HAS BEEN ACQUIRED. ❖ RAILWAY SIDING FROM KHADUR SAHIB TO PROJECT SITE- APPLICATION SUBMITTED FOR ACQUISITION OF LAND TO THE PRINCIPAL SECRETARY-IRRIGATION AND POWER. ❖ RIVER WATER PIPELINE-APPLICATION SUBMITTED FOR ACQUISITION OF LAND.
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 IS UNDER PROCESS. • 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. • ORDERS FOR MAIN PLANT EQUIPMENT (BTG PACKAGE) PLACED ON M/s BHEL ALONGWITH 10% ADVANCE PAYMENT AMOUNTING TO RS.103 CRORE.

		<p>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.</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		<ul style="list-style-type: none"> • TOKISUD NORTH COAL FIELD ALLOTTED AS A CAPTIVE COAL MINE AND THE DEVELOPMENTAL ACTIVITIES ARE UNDER PROGRESS. • THE COMPANY HAD SUBMITTED THE LAND REQUIREMENT TO DLAO. HAZARIBAGH VIDE LETTER DATED 26.12.2005. THE DLAO HAD CONFIRMED VIDE HIS LETTER DATED 19.01.2009 THAT THE COMPANY SHALL DIRECTLY ACQUIRE AT LEAST 50% OF THE REQUIRED LAND AND APPROACH THEM FOR ACQUISITION OF BALANCE 50% OF THE LAND. ACCORDINGLY, THE COMPANY HAS ACQUIRED SO FAR AROUND 304 ACRES OF LAND OUT OF AROUND 480 ACRES. • FOREST CLEARANCE: 927 ACRES OF FOREST LAND IS FALLING IN THE MINE LEASEHOLD AREA. THE COMPANY HAS ALREADY ACQUIRED EQUIVALENT LAND FOR THE PURPOSE OF COMPENSATORY AFFORESTATION WHICH WILL BE HANDED OVER TO THE GOVT. OF JHARKHAND ON OBTAINING STAGE-I CLEARANCE FROM MOFE, NEW DELHI. MEETING OF FOREST ADVISORY COMMITTEE (FAC) OF MOFE WAS HELD ON 26.02.2010 AND IN-PRINCIPLE APPROVAL HAS BEEN ACCRUED TO THE PROPOSAL. HOWEVER WRITTEN COMMUNICATION FROM MOFE IS AWAITED. • GOVT. OF JHARKHAND HAS ISSUED THE SANCTION ORDER GRANTING MINING LEASE WITH A CAVEAT THAT THE MINING LEASE WILL BE EXECUTED ONLY AFTER OBTAINING FOREST CLEARANCE. A PART OF SAREGARHA BLOCK IN JHARKHAND TO BE DEVELOPED JOINTLY BY M/S GVK AND ARCELOR MITTAL HAS ALSO BEEN ALLOCATED FOR THE PROJECT.
DATE/PRESENT SIGNING OF FUEL SUPPLY AGREEMENT	STATUS OF	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	STATUS OF	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.
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 PER THE MAJOR MILESTONE CHART PROVIDED BY THE FIRM, THE 1 st UNIT IS SCHEDULED FOR COMMERCIAL OPERATION ON 31.01.2013 AND 2 nd UNIT ON 30.04.2013.
PRESENT STATUS OF CONSTRUCTION;	<ul style="list-style-type: none"> ❖ THE BHOOMI PUJAN FOR START OF WORK ON PROJECT SITE HAS BEEN PERFORMED BY THE FIRM ON 09.06.09. ❖ SITE GRADING OF POWER ISLAND, WATER ISLAND AND SWITCHYARD AREA IS COMPLETE. ❖ BOP AND BTG LAY DOWN AREAS HAVE BEEN HANDED OVER TO CONTRACTOR. ❖ MAIN ENTRANCE APPROACH RAMP HAS BEEN COMPLETED. ❖ EARTH FILLING IN AND AROUND RESERVOIR HAS BEEN COMPLETED AND AROUND CRUSHED COAL STOCK PILE AREA & RAILWAY SIDING AREA IS IN PROGRESS. ❖ COMPOUND WALL ❖ CONSTRUCTION OF COMPOUND WALL HAS BEEN COMPLETED IN TOTAL LENGTH. PLASTERING IS IN PROGRESS. ❖ BALANCE OF PLANT (BOP): ❖ INITIAL TEST PILES TESTING WORK IS COMPLETED. ❖ VIBRO COMPACTION WORK FOR SOIL IMPROVEMENT IS IN PROGRESS IN TG AREA. ❖ PRE & POST-STATIC CONE PENETRATION TEST HAS

	<p>BEEN COMPLETED IN BOILER-1 & 2 AND ESP-1 & 2 AREAS.</p> <ul style="list-style-type: none"> ❖ SITE OFFICE INAUGURATED ON 25.03.2010 AND CONSTRUCTION OF SITE OFFICE, WORKSHOP, LAB, STORES, CEMENT GODOWN & LABOUR COLONY IS IN PROGRESS. ❖ COMMISSIONING OF BATCHING PLANT HAS BEEN COMPLETED. ❖ PILING RIG HAS BEEN MOBILIZED AND TRIAL BORE CARRIED OUT. ❖ SUFFICIENT QUANTITY OF STEEL AND CEMENT IS AVAILABLE AT SITE. ❖ BOILER TURBINE GENERATOR (BTG) ❖ FIRST LOT OF BOILER STRUCTURAL STEEL RECEIVED AT SITE. ❖ TEAM FOR ENABLING WORK IS UNDER MOBILIZATION.
INVESTMENT MADE TILL DATE	AS INFORMED BY THE COMPANY - RS.292,07,31,027/-
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"> • THE MOU WAS SIGNED BETWEEN M/S GVK AND PSEB AFTER APPROVAL OF FULL BOARD ON 8.2.06. THE FINAL DRAFT PPA WAS INITIALED ON 6.02.07. • 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 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. • THE AMENDED & RESTATED PPA HAS BEEN SIGNED ON 26.5.09 AS PER THE ORDERS OF THE COMMISSION. HOWEVER THE APPEAL IS LISTED FOR HEARING ON

	18.05.2010.
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: madhu@gvk.com
ANY ASSISTANCE REQUIRED.	

RAJPURA THERMAL POWER PROJECT

Name of the Power Project	Capacity	Scheduled COD	STATUS OF PROJECT
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	Scheduled to be completed on 18.07.2010		
Type of Fuel	Coal		
Fuel linkage	5.55MTPA from South Eastern Coalfields Limited (SECL) –from Korba Raigarh field.		
Date of main plant order	Yet to be placed		
Power Evacuation	Facility to be provided by erstwhile PSEB (now TRANSCO)		

- The project is being developed on BOO basis through tariff based International Competitive Bidding process (ICB) as per guidelines issued by Ministry of Power Govt. of India.
- All clearances required for the development of the project have been obtained.
- M/s L&T Power Development Limited, Mumbai have been selected as developer.
- LOI was issued on 19.11.2009.
- PPA was signed on 18.01.2010.
- 1078.16 acres land for the project has been acquired near Rajpura.
- Geo-tech investigation report issued. Test pile design in progress. Test pile to start in three weeks.
- Temporary site office established. Testing equipments being mobilized.
- Construction power application submitted.
- Approach road alignment finalized
- Around 40 persons posted at site.
- Design Engg works are in progress

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

TALWANDI SABO THERMAL POWER PROJECT

Name of the Power Project		Capacity	Scheduled COD	STATUS OF THE POWER PROJECT
Talwandi Sabo TPP		1980MW(Gross)		<p>a) The project is being developed on BOO basis through tariff based International Competitive Bidding (IBC) process as per guidelines issued by Ministry of Power, Govt. of India</p> <p>b) All clearances required for the development of the project have been obtained.</p> <p>c) M/s Sterite Energy Limited Mumbai have been selected as a successful bidder for the development of this power project.</p> <p>d) LOI was issued on 04.07.2008.</p> <p>e) PPA was signed on 01.09.2008.</p> <p>f) 2113 acres land for the project has been acquired at Talwandi Sabo Distt. Mansa (Pb).</p> <p><input type="checkbox"/> EPC CONTRACT-ON SEPCO, CHINA</p> <p> ■ <u>Ordering of equipments by EPC contractor</u></p> <p> -Major equipments for main plant, BOP, others auxiliary & essential packages ordered on reputed vendors.</p> <p> -Boiler from Harbin, China</p> <p> -Turbine and Generator from Dongfang, China</p> <p> ■ <u>Commencement of supplies</u></p> <p> -First shipment from China planned by June 2010</p> <p> ■ <u>Piling work is in progress at site.</u></p>
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		Scheduled to be completed on 03.09.2009		
Type of Fuel		Coal		
Fuel linkage		7.72MTPA by Mahanadi Coal Field Limited—from Basundara Coal fields		
Date of main plant order		18.07.2009		
Power Evacuation		EPC contract placed on M/S SEPCO Electrical Power Construction Corporation, Jinan, Shandon China		
		Facility to be provided by erstwhile PSEB (TRANSCO)		



MAIN PLANT

- Design and Engineering
 - Basic engineering completed
 - Detailed engineering in progress

- Construction
 - Piling foundation work in Main Power House in progress

BALANCE OF PLANT

- Design and Engineering
 - Basic engineering completed

OTHER SUPPORTING INFRASTRUCTURE & FACILITIES

- Railway link & siding
 - Route finalized & DPR submitted to Indian Railways
 - Land acquisition applications submitted
 - Ordering for execution work is in progress

- Water conveyance
 - Project estimate by Irrigation dept counter signed & submitted.
 - Land acquisition applications submitted

- Water reservoir
 - Engineering in progress
 - Selection process of vendors is in progress

NON PLANT INFRASTRUCTURE & FACILITIES

- Boundary wall construction in progress. Schedule completion in June 2010

		<ul style="list-style-type: none"> ■ Residential colony by Chinese under construction ■ Public roads passing through project site diverted ■ Ordering for Engineers cum Transit hostel for TSPL officers is in progress <p>□ MANPOWER AND EQUIPMENTS AT SITE</p> <ul style="list-style-type: none"> ■ More than 100 equipments operating at site ■ More than 500 manpower working at site ■ The developer (M/s TSPL) has intimated that COD of 1st, 2nd & 3rd units of the project will be 30.06.2013, 30.09.2013 & 31.12.2013 respectively. However, as per PPA the Scheduled CODs of these units are 31.08.2012, 31.12.2012 & 30.04.2013 respectively.
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