

BROAD STATUS OF THERMAL POWER PROJECTS IN GUJARAT

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn.	COD	Syn.	COD		

PROJECTS INCLUDED IN 10th PLAN**I. PROJECTS COMMISSIONED****STATE SECTOR**1. **Dhuvaran Gas Based 106.617****CCPP**

(M/s GSECL)

Distt. Anand

GT

67.85 18 months 06/03(A)

ST

38.767 21 months 09/03(A)

from FC

Date of TEC : 30.10.2001

Date of Sanction : -

Sanctioning Authority : -

Est. approved cost : US \$ (M) 15.728 + Rs. 23613.9 lakhs
(Exchange rate US \$ = Rs.47.00)

Rs. 31006.06 Lakhs

Exp. upto 3/2003 : Rs. 20741.6 Lakhs

Exp.during 03-04 : Rs. 6291.2 Lakhs

(upto 9/03)

Financial Closure Type : Achieved on 4.01.03.**of fuel : Natural Gas****Date of Main Plant : EPC contract placed on BHEL on
Order 22.10.01.****Open Cycle**

GT - Synchronized on 4.6.03

Combined Cycle**ST: - Synchronized on 22.9.03****II. PROJECTS UNDER CONSTRUCTION****STATE SECTOR**1. **Kutch Lignite Extn. 75**

(GEB)

Distt. Kutch

U-4

75

03/06

Date of TEC : 6.03.03

Completed cost. : Rs. 30469 Lakhs including IDC of
Rs.3548 Lakhs.**Type of fuel : Lignite****Date of Main Plant : Order placed on BHEL on 15.1.04
Order**

1. TEC accorded on 6.03.03

2. Fuel Linkage available from GMDCL.

3. SPCB and NAAI clearance available.

4. MOE&F Clearance awaited;CRZ clearance to be obtained for channels.

5. Funding to be done by PFC.

6. Consultants have been appointed.

7. Order for main plant & equipment placed on BHEL on 15.01.04.

MOE&F
Clearance2. **Dhuvaran CCPP Extn. * 112 12/05 12/05**

(M/s GSECL)

Distt. Anand

Unit-2

Date of Sanction :16.10.03 By Govt. of Gujarat

Completed cost. :Rs.33300 Lakhs (Order value)

Type of fuel :LNG**Date of Main Plant :LOI placed on M/s BHEL on 27.2.04
Order**

1. NAAI clearance received on 1.10.03

2. Fuel supply agreement signed.

3. PFC agreed in- principle for financial assistance upto 70% of the project cost.

4. GPCB clearance yet to be obtained.

5. LOI for EPC contract placed on M/s BHEL on 27.02.04. Order was expected to be placed by 3/04.

6. Gas turbine (Frame 6FA+e) the latest version of Frame 6FA is being used for the project.

* Additional unit for 10th Plan.

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3.	Akrimota Lignite Based TPP (M/s GMDCL) Distt. Kutch	250					
	U-1	125	12/02	03/03	10/04	1/05	
	U-2	125	06/03	09/03	2/05	5/05	
	Date of TEC	: 6.9.1999					
	Date of Sanction	: -					
	Sanctioning Authority	: -					
	Est. approved cost	: US \$ 47.914 (M) + DM 47.929 (M) + Rs. 102215.8 Lakhs. (Exchange rate US \$ = Rs.43.00 DM = Rs.23.00) = Rs. 133842.49 Lakhs					
	Exp. upto 3/03	: Rs. 67800 Lakhs					
	Exp. During 03-04 (upto 02/04)	: Rs. 26600 Lakhs					
	Financial Closure	: Achieved on 25.03.03.					
	Type of fuel	: Lignite					
	Date of Main Plant Order	: 11/99 (M/s ABB Alstom Power					
	Date of Boiler & Aux	: GmbH Germany					
	Date of TG & Aux.	: 4/00 (M/s Ansaldo Energia s.p.a. Italy)					

- PPA signed on 19.2.2000.
- Purchase orders for CFBC Boiler and Aux. Placed on M/S ABB Alstom Power GmbH Germany in Nov.99 and Purchase orders for TG & Aux. Placed on M/S Ansaldo Energia s.p.a., Italy in April 2000.
- Zero date for the project is 30.9.2000.
- Out of 14500 MT of Structural Steel 14400 MT has been erected upto 02/04.
- Chimney Shell concreting for unit-1 completed and refractory work is in progress. Erection of slip form in progress for chimney 2.
- PFC sanctioned a term loan Rs. 500 crs. to GMDCL and disbursement of loan commenced from April 03.
- Material handling – Civil work on lime dump hopper started in Oct.03. Stacker Reclaimer rail foundation work is in progress.

Unit-1

Boiler

Erection started in 6/2001. Out of 11782 MT of Boiler material supplied, 10600 MT has been erected upto 2/04. Boiler drum lifted on 28th Sep, 2001. Hydro test completed on 28.1.04.

TG

Condenser erection completed. TG Boxed up in 3/03. Oil flushing completed 30.9.03.

Unit-2

Boiler

Out of 10000 MT of Boiler material supplied, 7500 MT has been erected upto 2/04. Boiler drum lifted on 31.03.2002.

TG

Condenser erection completed. TG Boxed up in 10/03.

III. PROJECTS WHERE CONSTRUCTION IS YET TO START STATE SECTOR

1.	Surat Lignite PP Exp. Ph.II (GIPCL) Distt. Surat	250			10 th Plan		
	U-1	125					
	U-2	125					
	Completed cost.	: -					
	Type of fuel	: Lignite					
	Date of Main Plant Order	: -					

- Funds to be tied up.
- Tendering process of the project could not start as the project requires financial re-engineering.
- Main plant order is expected to be placed by 6/04.
- MOE&F Clearance awaited

MOE&F Clearance
Funds tie up.

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PRIVATE SECTOR

1. **Jamnagar Petcoke * based TPP** * **500**
(M/s Reliance Power Ltd.)
Distt.Jamnagar
U-1 250 36 months.
U-2 250 39 Months from date of financial closure.

Date of TEC : 24.5.99
Date of Sanction
Sanctioning Authority
Est.approved cost : US \$ (M) 434.36 + Rs.72642.9 lakhs
Exp.upto 3/2003 (Exchange rate US \$ = Rs.42.00)
Exp.during 03-04 = Rs.255074.1 Lakhs
(upto 6/03)
Financial Closure : Not yet achieved
Type of fuel : Petcoke
Date of Main Plant Order

Financial closure was expected by 31.12.2001. Accordingly CEA granted extension of time up to 30.6.2002 for submission of firm financial package to CEA duly approved by Govt. of Gujarat. M/s Foster wheeler was originally appointed as EPC contractor. M/s Reliance Power Ltd. has now proposed to change EPC Contractor from M/s Foster Wheeler to M/s Reliance industries Ltd. and sought approval of CEA in this regard. CEA/MOP advised RPL to follow ICB route to select new EPC contractor. Meeting held with IPP on 20.1.03 and certain clarifications/ confirmations were requested by CEA. IPP's reply awaited. CEA requested to expedite the same.

Project has been wounded up.

* Not covering during 10th Plan