

Detailed Status of awarded Ultra Mega Power Projects (UMPPs)**1. SASAN UMPP (6x660MW) : Fully operational**

Location : Sasan Village in District Singrauli (M.P.)
Type of Plant Pithead
Name of Developer : M/s. Sasan Power Ltd. (Reliance Power Ltd.)
Date of LOI : 01.08.2007
Date of Transfer of SPV : 07.08.2007
Date of signing of PPA : 07.08.2007
Order of main plant : 24.06.2008
Financial closure : 21.04.2009

Commercial Operation Dates

<i>Unit No.</i>	<i>Schedule COD as per original Power Purchase Agreement</i>	<i>As per Sasan Power Limited/ actual COD</i>
1	May, 2013	16.08.2013*
2	December, 2013	28.01.2014
3	July, 2014	12.04.2014
4	February, 2015	27.05.2014
5	September, 2015	26.12.2014
6	April, 2016	19.03.2015

*COD declared by CERC on 8th August, 2014.**Levelling Tariff at the time of award:** Rs. 1.196 per kWh**Land:** Power Plant- 3700 Acres including Ash dyke, colony, corridors etc.
Captive Coal Blocks – 3071 Acres**Coal:** Captive coal Blocks -Mohar Coal Block (GR-402MT), Mohar-Amlohri Ext. Coal Block (GR-198MT)**Water:** From Rihand Reservoir (140 Cusec)**Clearances and approval:** All clearances and approval obtained.**Power Procurers (Plant capacity 3960 MW):**

S. No.	State	Power allocated	
		%*	MW^s
1.	Madhya Pradesh (Lead Procurer)	37.5	1485
2	Punjab	15	594
3	Uttar Pradesh	12.5	495
4	Delhi	11.25	445.5
5	Haryana	11.25	445.5
6	Rajasthan	10	396
7	Uttarakhand	2.5	99
	Total	100	3960

*Allocated contracted capacity as per PPA
\$ corresponding to % of Plant Capacity

Generation & PLF:

Parameters	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Generation (MU)	2939	17274	31263	29415	31792.52	32877.27
PLF (%)	52.56	65.21	90.84	84.79	91.65	94.78

Issues:

1. Non-availability of OB dump land for external OB dumping
2. Restriction on coal production from Moher & Moher-Amlohri Extension coal mine up to 17 MTPA
3. Levy of loss of generation charge by UPJVNL.

2. MUNDRA UMPP (5x800MW): Fully operational

Location	: Mundra village in Kutch District, Gujarat
Type of Plant	: Coastal
Name of Developer	: Coastal Gujarat Power Limited (Tata Power Company Ltd)
Date of LOI	: 28.12.2006
Date of Transfer of SPV	: 24.4 .2007
Date of signing of PPA	: 23.4.2007
Order of main plant	: 15.5.2007
Financial closure	: 24.4.2008

Commercial Operation Dates

<i>Unit No.</i>	<i>Schedule COD as worked out based on Power Purchase Agreement</i>	<i>COD as per actuals</i>
1.	Aug. 2012	07.03.2012
2.	Feb. 2013	30.07.2012
3.	Aug. 2013	27.10.2012
4.	Feb. 2014	21.01.2013
5.	Aug. 2014	22.03.2013

Levelling Tariff at the time of award: Rs.2.26 per kWh (with 45% non-escalable fuel component)

Land	: Power Plant - 3068 acres including Ash dyke, colony, corridors etc.
Water	: Seawater
Sweet Water	: Sweet Water generation by using Desalination Plant
Coal	: Imported coal (Indonesia, Australia, China, South Africa etc.)
Clearances and approval	: All clearances and approval obtained.

Power Procurers (Plant capacity 4000 MW):

S. No.	State	Power allocated	
		%*	MW ^s
1.	Gujarat(Lead Procurer)	47.5	1900
2	Haryana	10	400
3	Maharashtra	20	800
4	Punjab	12.5	500
5	Rajasthan	10	400
	Total	100	4000

*Allocated contracted capacity as per PPA

^s corresponding to % of Plant Capacity

Generation & PLF:

Parameters	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Generation(MU)	179.86	12440.39	23927.80	26577.60	25679.75	27460.24	26514.87	26839.30
PLF (%)	-	77.94	68.20	75.85	73.37	78.37	75.67	76.60

Issues:

1. Seeking increase in tariff because of increase in capital cost of Mundra UMPP due to Change in Law events during construction period.

3. KRISHNAPATNAM UMPP (6x660MW): Construction work at site has been stopped in June 2011 due to increase in cost of imported coal from Indonesia.

Location : Krishnapatnam in District Nellore, Andhra Pradesh
Type of Plant : Coastal
Name of Developer : Coastal Andhra Power Limited (Reliance Power Ltd.)
Date of signing of PPA- : 23.03.2007
Date of LOI- : 30.11.2007
Date of Transfer of SPV- : 29.01.2008
Financial closure - : 07.07.2010
Order of main plant (BTG) : Oct. 2010

Commercial Operation Dates:

Un it No. *	Schedule COD as worked out based on Power Purchase Agreement As per 5x800MW configuration	Revised COD schedule as per Amended PPA (27.10.2010) With Plant configuration revised to 6 x 660 MW	COD as per actuals
1.	September, 2013	June, 2013	The developer has stopped the construction work at the project site in June 2011 citing new Regulation of the Govt. of Indonesia as the reason, which prohibits sale of coal, including sale to affiliate companies, below benchmark price.
2.	April, 2014	October, 2013	
3.	October, 2014	February, 2014	
4.	April, 2015	June, 2014	
5.	October, 2015	October, 2014	
6.	-	February, 2015	

Levelling Tariff at the time of award : Rs. 2.33 per kWh.

Land : Power Plant -2625 acres including Ash dyke, colony, corridors etc.
Water : Seawater
Sweet Water : Proposed to be generated using Desalination Plant
Coal : Imported coal (Indonesia)

Clearances and approval : All clearances and approval obtained.

Power Procurers (Plant capacity 3960 MW):

S. No.	State	Power allocated	
		%*	MW ^s
1.	Andhra Pradesh+ Telangana (Lead Procurer)	40	1584
2	Karnataka	20	792
3	Maharashtra	20	792
4	Tamil Nadu	20	792
	Total	100	3960

*Allocated contracted capacity as per PPA

₹ corresponding to % of Plant Capacity

Construction status:

In the project site, around 90% boundary wall work completed. Leveling of site in Main Plant completed. Piling work carried out for Chimney, CW pump house and TG foundation. Ground improvement works done for Cooling Tower Area. Approach road constructed, Area drains, plant roads, permanent stores were taken-up for construction. However, the developer has stopped the construction work at the project site in June 2011 citing new Regulation of the Govt. of Indonesia as the reason, which prohibits sale of coal, including sale to affiliate companies, below benchmark price.

Other Status - Termination of PPA:

While bidding for the project, the developer M/s Reliance Power had quoted for tariff considering entire fuel cost component as fixed. M/s Reliance Power had tied up coal supplies from Indonesia on a fixed price and fixed escalation basis. However, Govt. of Indonesia in Sept 2010 had enacted a Regulation making it mandatory for the holders of the mining permits to sell the coal as per the market mechanism and as international market. Due to changes in the regulation, the cost of coal and hence cost of power generated from Krishnapatnam UMPP was going to be increased. As a result, M/s Reliance found this project non-viable. Hence, M/s Reliance Power Ltd. had stopped construction work at the project site.

APSPDCL, the lead procurers on behalf of all the Procurers, had issued Termination Notice to CAPL on 15.3.2012 for termination of the PPA and for forfeiture of bank guarantee quoting various reasons therein. In view of that, CAPL has filed a petition on 19.03.2012 in Indian Council of Arbitration (ICA) under Section 9 of the Arbitration and Conciliation Act, 1996.

CAPL also filed an appeal in Delhi High Court Single Bench. The single bench on 02.07.2012 pronounced its judgment and directed CAPL to approach CERC first. The judgment also maintained, "It is not possible to agree that increase in fuel costs would constitute Force Majeure". Further, the procurers on 24.11.2012 informed ICA that only CERC has any right or power to ask the procurers to undertake any arbitration and that the subject of arbitration was currently sub-judice before Delhi High Court.

Subsequently, CAPL filed an appeal before the division bench in Delhi High Court on 02.07.2012 challenging the above judgment of Delhi High Court's Single Bench dated 02.07.2012. CAPL also filed a petition in CERC in December 2012 to adjust the tariff, to take care of the regulation in Indonesia related to increase in coal prices.

CAPL on 05.01.2015 informed CERC that they had requested procurers for withdrawing termination notice and make settlement. Therefore, procurers were in the process of appointing a consultant to study the implications of the withdrawal of termination notice. Subsequently, CAPL on 10.02.2015 requested CERC to keep the petition pending till the outcome of the settlement with procurers.

As per CERC Order, dated 04.08.2015 petitioner is pursuing the appeal before Delhi High Court. Accordingly, CERC had disposed of the petition with liberty to the petitioner to approach the Commission at the appropriate stage in accordance with law, if so advised. Delhi High Court also vide order dated 08.02.2016, adjourned the hearing till the outcome of

the settlement. Further, Delhi High Court order dated 28.11.2017 dismissed the application for early hearing.

4. TILAIYA UMPP (6x660MW): Construction not started and PPA of the project has been terminated due non-transfer of project and coal block land to developer by leading procurer.

Location : Near Tilaiya village in Hazaribagh and Koderma Districts, Jharkhand

Type of Plant : Pithead

Name of Developer - : Jharkhand Integrated Power Ltd. (Reliance Power Ltd.)

Land: Power Plant -Total land 2523 Acres including Ash Dyke, Ash Corridor, Approach Road, Corridors etc.

Coal: **Captive Coal Blocks-** Kerandari 'B' & 'C' blocks (GR: 972MTs) of North Karanpura coalfields

Water: **150 Cusecs of water available from Tilaiya Dam.**

Environment and Forest Clearances: For main Plant, the earlier clearance validity expired and fresh clearance is to be obtained. For the Kerandari 'B' & 'C' blocks is yet to be obtained.

Status - Termination of PPA and Re-Bidding for the Project:

The Project was awarded to Reliance Power Ltd. (RPL) in 07 August 2009. The developer had issued Notice for Termination of Power Purchase Agreement (PPA) in 28 April 2015, citing non-fulfilment of PPA condition regarding transfer of land by Govt. of Jharkhand. In view of that, various options available, considering the legal position & the need to facilitate quick implementation of the Project in the best interest of the Procurers were deliberated in detail. Accordingly, it was decided in the meeting of Procurers held on 03.11.2015, to accept the Notice of Termination and take over the SPV i.e. Jharkhand Integrated Power Ltd. (JIPL) from the Developer. Subsequently, Jharkhand Urja Vikas Nigam Ltd. (the Lead procurer) on behalf of all the Procurers has taken over JIPL on 16.05.2018 from RPL.

Re-Bidding process would be initiated after notification of revised Standard Bidding Documents (SBD) by Ministry of Power (MoP), Government of India. Coal blocks has to be re-allocated in the name of Infra SPV after the issuance of Guidelines/SBD. Negotiations are to be made with M/s. RPL for procurement of GR of Kerandari 'B' & 'C' coal block.

CWC vide letter dated 08.03.2019 informed that allocation of water made for Tilaiya UMPP shall be kept in abeyance and PFC may approach DVRRC after re-tendering and selection of new developer for revised allocation with the optimized requirement of water for the proposed project. However, CWC has been requested to retain the water allocation of Tilaiya UMPP, as it is required for initiating the Bidding Process as well as for obtaining Environmental Clearance etc.

Further, the earlier Environment & Forest Clearance obtained for main plant has expired in April 2018. MoEF&CC has intimated that a fresh application for EC is to be submitted by Operating SPV. Environment & Forest Clearance for the Kerandari 'B' & 'C' coal block are also to be obtained.