

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.1641
TO BE ANSWERED ON 11.02.2021**

ONGOING POWER PROJECTS

**1641. SHRI VINAYAK RAUT:
SHRI JANARDAN SINGH SIGRIWAL:
SHRIMATI REKHA VERMA:**

**Will the Minister of POWER
be pleased to state:**

- (a) the details of the ongoing power projects alongwith the power produced by them within the country, State-wise including Maharashtra, Bihar and Uttar Pradesh;**
- (b) the funds sanctioned, allocated and utilised under these projects during the last three years and the current year across the country;**
- (c) whether some of the projects are facing huge cost/time overrun, if so, the details thereof and the reasons therefor; and**
- (d) the action taken by the Government for completion of these projects in time bound manner?**

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) to (d) : At present 37 nos. Hydro Electric Projects (above 25 MW) aggregating to 12,823.5 MW are under construction in the country including Maharashtra, Bihar and Uttar Pradesh.

The details of funds sanctioned, allocated & utilised under these projects during the last three years and the current year, along with details of cost/time overrun as well as reasons therefor in respect of the under-construction Hydro-electric projects are given at Annexure-I. These projects are under construction – so no generation is taking place in these power projects.

In respect of Thermal Power Projects, as per Section 7 of the Electricity Act, 2003, "any generating company may establish, operate and maintain a generating station without obtaining a license/permission under this Act, if it complies with the technical standards relating to connectivity with the grid. Accordingly, sanction of the Government is not required for setting up of thermal power projects."

The list of under-construction Thermal power projects is at Annexure-II. Out of these, 22 nos. of thermal power projects aggregating to capacity of 19,280 MW are partially commissioned and generated electricity (From April to December 2020) aggregating to 48,321.14 BU. The details of funds sanctioned, allocated & utilised under these projects during the last three years and the current year, along with details of cost/time overrun in respect of the under-construction Thermal power projects are given at Annexure-II. The main reasons for delay in completion of these projects are as under:

- **Work stopped due to COVID pandemic**
- **Contractual Issues**
- **Readiness of railway line / Railway sidings**
- **Delay in supply by equipment manufacturers**
- **Delay in land acquisitions**
- **Disruption of work due to Local issues**
- **Litigations**
- **Delay due to change in design**
- **Delay due to readiness of Balance of Plant**
- **Delay in getting coal mines, coal linkages.**

The following action/steps are taken by the Ministry of Power/CEA to ensure timely completion of Power Projects:

- (i) **Ministry of Power/ Central Electricity Authority (CEA) monitor the progress of under-construction power projects through frequent site visits and interaction with the developers & other stakeholders. CEA holds review meetings periodically with the developers and other stakeholders to identify and resolve issues critical for commissioning of Projects.**
- (ii) **Regular reviews are also undertaken in Ministry of Power (MoP) to identify the constraint areas to facilitate faster resolution of inter-Ministerial and other outstanding issues.**
- (iii) **In case of Central Power Sector Undertakings (CPSUs) projects, the project implementation parameters/ milestones are incorporated in the annual MoU signed between respective CPSU's and Ministry of Power and the same are monitored during the quarterly performance review meetings of CPSU's and other meetings held in MoP/CEA.**
- (iv) **Various matters related with project implementation are being taken up with State Government/District Administration for facilitating the support in resolving the issues to the project implementing agencies.**
- (v) **Matters are taken up with State Government/District Administration for extending help to the project implementing agencies in resolving Right of Way (ROW) issues.**
- (vi) **As and when required, issues are also reviewed in the PRAGATI portal of PMO for proactive governance and timely implementation.**

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 1641 TO BE ANSWERED IN THE LOK SABHA ON 11.02.2021

**DETAILS OF UNDER DEVELOPMENT HYDRO ELECTRIC PROJECTS (ABOVE 25 MW)
HAVING TIME/COST OVERRUN-State Wise**

Sl. No	Project Name/(I.C./ Executing Agency	Capacity Under Execution (MW)	Org. Comm. Sched.	Ant. Comm. Sched.	Time over run (months)	Org. Cost (Rs. in Crores) (Price Level)	Latest/Ant. Cost (Rs. in Crores) (Price Level)	Cost over run (Rs. in Crores) (%)	Expenditure Incurred (In Rs Crore)			Reasons for time and cost over run
									2018-19	2019-20	2020-21	
1	2	3	4	5	6	7	8	9	10	11	12	13
Andhra Pradesh												
1*	Polavaram (12x80 = 960 MW) APGENCO / Irr. Deptt., A.P.	960	2017-18 (Mar'18)	2024-25 (Mar,25) (subject to re-start of works)	84	3013.68 (2010-11 PL) (Power Component)	5338.95 (2016-17 PL) (Power Component)	2325.27 (77.15)	149.97	6.84	-	<ul style="list-style-type: none"> ➤ Funds constraints ➤ Works stalled since 19.07.2019 as APGENCO asked contractor (NECL) to stop all works and termination of contract issued on 14.08.2019. Now works are being taken up as legal hurdles got cleared on 14.12.2020 and works are yet to be started.
Arunachal Pradesh												
2	Kameng (4x150 = 600 MW) NEEPCO 3 units taken in operation	150	Comm. 2009-10 (Dec'09)	Feb,21	134	2496.90 (03/04)	6179.96 (03/15)	3683.06 (147.50)	696.06	825.15	179.67 (Oct-20)	<ul style="list-style-type: none"> ➤ Change in Dam parameters. ➤ Slow progress in dam & HRT due to bad geology, heavy seepage, inadequate machinery. ➤ Flash flood in Oct. 08 and Sept. 2012. ➤ Delay in clearance for quarry from State Govt. ➤ Leakage from penstocks & rectification of defects. ➤ Cash flow issues with civil contractor
3	Subansiri Lower (8x250 = 2000 MW) NHPC	2000	2009-11 (Sep'10)	2023-24 (Aug'23)	156	6285.33 (12/02)	19992.43 (04/17)	13707.10 (218.08)	782.45	1407.67	324.96 (Aug-20)	<ul style="list-style-type: none"> ➤ Delay in transfer of forest land. ➤ Disruption of works by locals in Ar. Pradesh side. ➤ Slope failure in Power House in Jan, 2008. ➤ All works except safety works were stalled from December, 2011 to October, 2019 due to agitation launched by Anti Dam activists in Assam against construction of Project. Work restarted w.e.f. 15.10.2019.
Himachal Pradesh												
4	Parbati - II (4x200 = 800 MW) NHPC	800	2009-10 (Sept'09)	2021-22 (Mar,22)	150	3919.59 (12/01)	9897.59 (04/18)	5978 (152.51)	607.48	599.16	753.79 (Oct,20)	<ul style="list-style-type: none"> ➤ Delay in revised forest clearance. ➤ TBM suffered extensive damage due to heavy ingress of water and slush in TBM face in Nov, 2006. Due to poor geology. ➤ Flash flood in 2004,2005,2010 and 2011. ➤ Contractual issues. ➤ Cash flow issues with civil contractors.

5	Luhri-I (2x80+2x25= 210 MW) SJVN	210	2025-26 (Jan-26)	2025-26 (Jan-26)		1810.56	1810.56	-	-	-	-	-
6	Uhi-III (3x33.33 = 100 MW) BVPCL	100	2006-07 (Mar'07)	2022-23 (Dec,22)	189	431.56 (09/02)	1281.52 (12/12)	849.96 (196.95)	143.57	325.22	-	<ul style="list-style-type: none"> ➤ Delay in transfer of forest land. ➤ Delay in acquisition of private land ➤ Delay in transfer of quarry sites. ➤ Contract for construction of HRT rescinded twice i.e. during April, 2008 & July, 2010 due to slow progress and non-performance by the contractor. ➤ Poor geology in HRT. ➤ Leakage in Penstock in July,2018 and Rupture in May,2020
7	Shongtom Karcham (3x150 = 450 MW) HPPCL	450	2016-17 (Mar'17)	2024-25 (Mar,25)	96	2807.83 (07/11)	2807.83 (07/11)	Nil	260.49	172.15	60.52 (Sep-20)	<ul style="list-style-type: none"> ➤ Shifting of Army Ammunition Depot. ➤ Disruption of works by local people.
8	Bajoli Holi 3x60= 180 MW M/s GMR Bajoli Holi	180	2018-19 (May'18)	2021-22 (Dec,21)	43	1696.93 (12/11)	2689.00 (5/20)	992.07 (58.46)	448.00	-	-	<ul style="list-style-type: none"> ➤ Slow progress due to poor approach to project components.
9	Sorang (2x50 = 100 MW), HSPPL	100	2011-12 (Nov'11)	2021-22 (Dec'21)	133	586.00 (04/2005)	586.00 (04/2005)	N.A.	-	-	-	<ul style="list-style-type: none"> ➤ Poor geology. ➤ Penstock cracks / leakage during filling of Water conductor System in Nov '13 and Rupture in Nov-15 during trial run. ➤ Funds constraints with developer.
10*	Tangnu Romai-I (2x22 = 44 MW) TRPGPL	44	2014-15 (Jun'14)	2024-25 (subject to re-start of works (4 years))	129	255.00 (01/07)	641.89 (2018)	386.89 (151.72)	-	-	-	<ul style="list-style-type: none"> ➤ Works are stalled since January, 2015 due to fund constraints with developer.
11	Tidong-I 2x50 =100 MW NSL Tidong (w.e.f. 04.09.2018 Statkraft India Pvt. Ltd. Has acquired the 100% equity in the project)	100	2013-14 (Dec'13)	2022-23 (Jun 22)	106	543.15 (06/18)	1472.00	928.85 (171.01)	163.74	616.26	80.30 (Oct-20)	<ul style="list-style-type: none"> ➤ Delay in NOC by Projects affected Panchayats. ➤ Suspension of works by Govt. for one year. ➤ Funds constraints with the developer
12	Kutehr 3x80=240 MW JSW Energy (Kutehr) Ltd	240	2024-25 (Nov'24)	2025-26 (Nov'25)	12	1798.13 (09/2011)	1798.13 (09/2011)	Nil	-	-	-	<ul style="list-style-type: none"> ➤ Slow mobilization due to Covid-19 Lockdown.

Govt. of UT of J&K												
13	Pakal Dul (4x250= 1000 MW) CVPPL	1000	2020-21 (Apr'20)	2025-26 (July'25)	63	8112.12 (03/13)	8112.12 (03/13)	Nil	92.39	251.04	261.60 (Nov,20)	➤ Delay in award of works due to higher bids.
14	Parnai 3x12.5= 37.5 MW JKSPDC	38	2017-18 (Jan'18)	2022-23 (Mar,23)	62	640.86 (Completion cost)	640.86 (Completion cost)	Nil	53.12	-	-	➤ Delay in Land acquisition.
15*	Lower Kalnai 2x24= 48 MW JKSPDC	48	2017-18 (Sep'17)	2025-26 (subject to re-start of works (4 years))	102	576.87 (12/12) (Completion cost)	576.87 (12/12) (Completion cost)	Nil	-	-	-	➤ Works on all fronts at Dam and Power House site are stalled since 24.01.2018 due to payment dispute with subcontractors and due to non-settlement of extension of time of the contract by the JKSPDC.
16	Kiru (4x156=624 MW) CVPPL	624	2023-24 (Aug,23)	2024-25 (Aug,24)	12	4287.59 (09/14)	4287.59 (09/14)	Nil	-	177.25	67.67 (Nov-20)	➤ Slow mobilization due to Covid-19 lockdown
17*	Ratle (4x205+1x30) = 850 MW RHPPL / NHPC	850	2017-18 (Jan,18)	2025-26 (subject to re-start of works(5 years))	96	5281.94 (11/18)	5281.94 (11/18)	NIL	-	-	-	➤ Project is stalled since 11.07.2014 due to various issues viz. R&R issues, Local issues, Law & order problem etc. Earlier, it was under execution by private sector developer and some works already have been done. There is no progress since 11 th July, 2014. JV of Govt. of UT of J&K and NHPC has been formed. CCEA clearance received. Award of works is to be done.
Kerala												
18	Pallivasal 2x30 = 60 MW KSEB	60	2010-11 (Mar'11)	2022-23 (Dec,22)	141	222.00 (1999)	550.00 (2018)	328.00 (147.74)	43.01	53.31	12.43 (Oct-20)	➤ Delay in land acquisition. ➤ Poor geology strata in HRT. ➤ Works stopped by contractor since 28.1.15 to 11.04.2017 due to contractual issues. Contract terminated on 13.09.2018 and re-awarded in August, 2019.
19	Thottiyar (1x30+1x10)= 40MW KSEB	40	2012-13 (Apr'12)	2021-22 (Apr,21)	108	136.79 (2007)	280 (2018)	143.21 (104.69)	2.53	13.59	5.41 (Oct-20)	➤ Land acquisition issue. ➤ The works of weir and approach channel stopped from 2010 to 2012 by local people. ➤ The work stopped by Court from 12.12.2012 to April-2013. ➤ Financial crunch with contractor leading to foreclosure of contract in April,2017 and balance works re-awarded in January, 2018.

	Madhya Pradesh											
20*	Maheshwar (10x40 = 400 MW) SMHPCL	400	2001-02 (Mar'02)	2023-24 (subject to re-start of works(Two years)	264	1569.27 (96-97)	8121.00 (2016-17)	6551.73 (417.50)	-	-	-	<ul style="list-style-type: none"> ➤ Works suspended since Nov-11 due to cash flow problem with developer. M.P. Power Management Company Ltd. Has terminated the Power Purchase Agreement with SMHPCL on 18.04.2020. ➤ PFC as lead lender have acquired majority equity i.e. 51% in the SMHPCL w.e.f. 1st June, 2016. Matter Sub-judice. Details are given in Appendix III. ➤ M.P. Power Management Company Ltd. Has terminated the Power Purchase Agreement, R&R Agreement & Escrow Agreement with SMHPCL on 18.04.20 & 20.04.20 respectively.
	Maharashtra											
21*	Koyna Left Bank PSS 2x40 = 80 MW WRD, Maha	80	2014-15 (Oct'14)	2025-26 (subject to re-start of works (4 years)	137	245.02 (1999)	1403.77 (2014)	1158.75 (472.92)	-	-	-	<ul style="list-style-type: none"> ➤ Project stalled since July, 2015. The current expenditure on the project has already reached to almost original administrative approved cost level. Proposal for revival of the project is submitted to the Govt. of Maharashtra.
	Punjab											
22	Shahpurkandi 3x33+3x33+1x8 =206 MW, Irrigation Deptt. & PSPCL	206	2015-16	2023-24 (Dec, 23)	93	1835.50 (04/08) (Power Component)	1938.74 (02/18) (Power Component)	103.24 (5.62)	79.96	332.85	2.64	<ul style="list-style-type: none"> ➤ Works of Dam stopped since 29.08.2014 due to inter-state dispute between states of J&K & Punjab on sharing of waters of river Ravi and Tariff.
	Sikkim											
23	Teesta Stage VI (4x125 = 500 MW) Lanco Teesta Hydro Power Ltd. (LTHPL) (Project taken over by NHPC w.e.f. 08.03.2019)	500	2012-13 (Jul'12)	2023-24 (Mar,24)	72	5748.04 (07/2018)	5748.04 (07/2018)	NIL	897.50	-	-	<ul style="list-style-type: none"> ➤ Poor geology. ➤ Land acquisition. ➤ Contractual issues ➤ Funds constraints with developer (Private) and stalled from April, 2014 to October, 2019 ➤ M/s. LTHPL came under Corporate Insolvency Resolution Process. NHPC Ltd. Emerged as H1 bidder. CCEA approval was accorded to NHPC on 08.03.2019. NCLT on 26.07.2019 approved resolution plan of NHPC for acquisition of LTHPL. ➤ Taking over along with all assets and documents as 'Going concern' completed on 09.10.2019.
24*	Bhasmey (2x25.5 =51 MW) Gati Infrastructure	51	2012-13 (Jun'12)	2024-25 (subject to re-start of works(3 years))	153	408.50 (2012-13)	746.01 (03/18)	337.51 (82.62)	-	-	-	<ul style="list-style-type: none"> ➤ Works are stalled since Sept., 2016 due to funds constraints with developer ➤ .

25*	Rangit-IV HE Project (3X40 = 120 MW) JPCL	120	2011-12 (Jan'12)	2025-26 (subject to re-start of works(3-½ year)	170	726.17 (2011-12)	1692.60 (06/16)	966.43 (133.08)	-	-	-	➤ Project is stalled since October, 2013 due to funds constraints with the developer. The project is under NCLT process since 9 th April, 2019. NHPC submitted EOI on 08.07.2019 and was shortlisted under final list of Prospective Resolution Applicants on dated 23.08.2019. The Resolution Plan submitted by NHPC on 04.12.2019. The Resolution Plan Approval Application was listed for hearing on 17.02.2020 before NCLT, Hyderabad ("Tribunal"). Final hearing was held on 31.07.2020. The project has been awarded to NHPC.
26*	Rangit-II 2x33= 66 MW Sikkim Hydro Power Ltd.	66	2015-16 (Apr'15)	2024-25 (subject to re-start of works(2-½ years))	119	496.44 (2011-12)	496.44 (2011-12)	Nil	1.07 (June-18)	-	-	➤ Works are stalled since December, 2017 due to funds constraints with developer. Project is in NCLT since 30.07.2020.
27	Rongnichu (2x48 =96 MW) Madhya Bharat Pvt. Ltd.	96	2014-15 (Jul'14)	2020-21 (Mar,21)	80	491.32 (2005)	1453.34 (2018)	962.02 (195.80)	958.47	-	-	➤ Land Acquisition ➤ Poor geology.
28*	Panan 4x75= 300 MW Himagiri Hydro Energy Pvt. Ltd.	300	2018-19	2025-26 (subject to re-start of works(4-½ years)	84	1833.05 (2009)	2671.00 (2018)	837.95 (45.71)	36.73	-	-	➤ Issue of construction of bridge on Mantham Lake for 7ccessibility of site is under discussion with the State Govt of Sikkim..
	Tamil Nadu											
29	Kundah PSP (Phase-I, Phase-II & Phase-III) (4x125=500 MW) TANGEDCO	500	2021-22 (Aug,21)	2023-24 (April,23)	20	1216.59 (2007-08)	1831.29 (2014)	614..7 (50.52)	84.78	79.39	68.90 (Dec-20)	➤ Civil & HM works have been taken up from 05/2018 only
	Uttartakhand											
30*	Lata Tapovan (3x57 = 171 MW) NTPC	171	2017-18 (Aug'17)	2025-26 (subject to re-start of works(4 years))	103	1527.00 (07/12)	would be calculated when works re-start.	NA	1.16	-	-	Subsequent to the Uttarakhand disaster in June, 2013, Hon'ble Supreme Court gave the judgment on 13.08.2013 that "MoEF as well as State of Uttarakhand not to grant any further environmental clearance or forest clearance for any hydroelectric power project in the State of Uttarakhand, until further orders". Therefore, the construction work stopped .The matter is sub-judice.

31	Tapovan Vishnughad (4x130 = 520 MW) NTPC	520	2012-13 (Mar'13)	2022-23 (Dec'22)	117	2978.48 (03/04)	5867.38 (04/19)	2888.90 (96.99)	417.20	527.07	206.51 (Oct,20)	<ul style="list-style-type: none"> ➤ Heavy water ingress due to bad geology in HRT and rock fall on TBM. TBM stuck up thrice. ➤ Flash flood in Aug'12 & June, 2013 damaging coffer dam. ➤ Termination of civil contracts for Barrage and HRT. ➤ Cash flow issues with civil contractors..
32	Tehri PSS (4x250 = 1000 MW) THDC	1000	2010-11 (July'10)	2022-23 (Dec'22)	149	1657.60 (12/05)	5024.35 (02/19)	3366.75 (203.10)	252.22	582.46	313.05 (Oct,20)	<ul style="list-style-type: none"> ➤ Poor geology. ➤ Local agitation at Asena Quarry / muck disposal area. ➤ Revision of Lay out of machine hall due to poor geology. ➤ Funds constraints with contractor.
33	Vishnughad Pipalkoti (4x111 = 444 MW) THDC	444	2013-14 (Jun'13)	2023-24 (Dec'23)	126	2491.58 (03/08)	4397.80 (02/19)	1906.22 (76.50)	210.72	332.63	138.11 (Oct,20)	<ul style="list-style-type: none"> ➤ CCEA approval in Aug-2008 but works could not be awarded due to Forest clearance/diversion of forest land. Forest land was acquired in January-14 and subsequently works awarded in January-2014. ➤ Disruption of works by local people. ➤ Cash flow problem with contractor.
34	Naitwar Mori (2x30 =60 MW) SJVN	60	2021-22 (Dec-21)	2021-22 (Dec-21)	-	648.33	648.33	-	-	-	-	-
35	Vyasi 2x60=120 MW, UJVNL	120	2014-15 (Dec'14)	2022-23 (Apr,22)	88	936.23 (02/10)	1581.01 (2019)	644.78 (68.86)	395.06	387.41	146.41 (Sep-20)	<ul style="list-style-type: none"> ➤ Delay in award of works. ➤ Agitation by Local people.
36*	Phata Byung (2x38 = 76 MW), LANCO	76	2012-13 (Jun'12)	2024-25 (subject to re-start of works(3 years))	153	520.00 (2013-14)	1132 (09/16)	612 (117.69)	-	-	-	<ul style="list-style-type: none"> ➤ Works stalled since July, 2017 due to Financial crunch with the contractor / developer. The company is undergoing a corporate insolvency resolution process initiated under IBC for resolution and revival of the project since June 2020. Under this process, the resolution professional appointed by the NCLT has initiated the process for inviting prospective investors for the project.
West Bengal												
37	Rammam-III (3x40= 120 MW)	120	2019-20 (Sep'19)	2022-23 (Nov,22)	38	1381.84 (09/14)	1381.84 (09/14)	Nil	125.75	70.11	88.55 (Oct,20)	<ul style="list-style-type: none"> ➤ Delay in getting permission for tree felling from Govt. of West Bengal for Access road from Adit-1 to Adit-2. ➤ Cash flow issues with civil contractors. ➤ Strike / bandh during Gorkhaland agitation in 2017.

Note:- It is to mention that cost overrun has been calculated as the difference between the Latest Cost (provided by the developer to CEA along with the Price Level) and the Original Cost approved by the Central Government / State Government. In most of the cases the Latest cost at the current Price Level has not been provided by the developers.

* Construction is held-up.

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 1641 TO BE ANSWERED IN THE LOK SABHA ON 11.02.2021

Details of Under Construction Thermal Power Projects in the country along with Expenditure during last three years and time & cost overrun

Sl. No	State	Project Name	Unit No	Cap. (MW)	Org. Comm. Sched.	Ant. Comm. Sched.	Ant. TR. Sched./ COD	Original Cost (cr)	Latest Cost (cr)	EXPENDITURE DURING 2017-18	EXPENDITURE DURING 2018-19	EXPENDITURE DURING 2019-20	EXPENDITURE DURING 2020-21	Cost Overrun (cr)	Time overrun (months)
CENTRAL SECTOR															
1	Bihar	Barh STPP-I	U-1	660	Aug-09	Jan-21	Feb-21	8693	21312.1	1395	1366.84	1438.05	760.77	12619.1	137
			U-2	660	Jun-10	Aug-21	Sep-21								134
			U-3	660	Apr-11	Mar-22	Apr-22								131
2	Bihar	Nabi Nagar TPP	U-4	250	Nov-13	Jan-21	Feb-21	5352.51	9996.59	705.71	620.79	387.61	330.06	4644.08	86
3	Bihar	New Nabi Nagar TPP	U-2	660	Jul-17	Jan-21	Feb-21	13624.02	17304.3	2265	1786	1373.21	817.09	3680.28	42
			U-3	660	Jan-18	May-21	Jun-21								40
4	Jharkhand	North Karanpura STPP	U-1	660	Feb-18	Sep-21	Oct-21	14367	15164.05	2042	1699.13	1712.99	840.81	797.05	43
			U-2	660	Aug-18	Mar-22	Apr-22								43
			U-3	660	Feb-19	Sep-22	Oct-22								43
5	MP	Gadarwara STPP	U-2	800	Sep-17	Jan-21	Feb-21	11638.55	15105.22	1914.61	1475.31	162.08	476.73	3466.67	40
6	Odisha	Darlipalli STPP	U-2	800	Jun-18	Mar-21	Mar-21	12532.44	13740.53	2100	1531.66	1620.08	515.40	1208.09	33
7	TN	Neyveli New TPP	U-2	500	Mar-18	Nov-20	Feb-21	5907.11	7980.79	1099.36	739.95	728.43	159.57	2073.68	32
8	Telangana	Telangana STPP St- I	U-1	800	Jan-20	Oct-21	Jan-22	10599	11811	1035	2522.06	2537.67	996.42	1212	21
			U-2	800	Jul-20	Mar-22	Mar-22								20
9	UP	Tanda TPP St II	U-6	660	Mar-19	Feb-21	Mar-21	9188.98	10016.1	1671.12	1553.25	1419.53	496.25	827.12	23
10	UP	Ghatampur TPP	U-1	660	Apr-20	Apr-21	Oct-21	17237.8	17237.8	909.5	3519.04	3525.2	1525.73	0	12
			U-2	660	Oct-20	Jul-21	Feb-22								9
			U-3	660	Oct-20	Oct-21	Jun-22								12
11	Rajasthan	Barsingar TPP ext	U-1	250	May-20	Hold	Hold	2112.59	2112.59	154.7	3.67	-	-	0.00	-
12	Rajasthan	Bithnok TPP	U-1	250	May-20	Hold	Hold	2196.3	2196.3	169.79	3.67	-	-	0	-
13	Jharkhand	Patratu STPP	U-1	800	Jan-22	Jan-23	Mar-23	17112	17112	992.11	742	1112.1	652.40	0	12.00
			U-2	800	Sep-22	Jul-23	Sep-23								10.00
			U-3	800	Dec-22	Jan-24	Mar-24								13.00
14	Odisha	Rourkela PP-II Expansion	U-1	250	Dec-18	Feb-21	Mar-21	1885.13	1885.13	515.81	448.96	354.67	163.76	0	26.00
15	Uttar Pradesh	Khurja SCTPP	U-1	660	Mar-23	Aug-23	Feb-24	11089.42	11089.42			938.4	359.46	0.00	5.00
			U-2	660	Sep-23	Feb-24	Aug-24								5.00
16	Bihar	Buxar TPP	U-1	660	Jul-23	Jul-23	Jul-23	10439.09	10439.09			850	-	0.00	0.00
			U-2	660	Jan-24	Jan-24	Jan-24								0.00
STATE SECTOR															
1	A.P	Dr.Narla Tata Rao TPS St-V	U-1	800	Jun-19	Mar-21	Apr-21	5286.54	5707	1235.62	1756.04	826.65	327	420.46	21.00
2	A.P	Sri Damodaran Sanjeevaiah TPP St-II	U-1	800	Mar-19	Jan-21	May-21	4276.04	6841.7	1288.53	2685.33	462.53	Not available	2565.66	22.00
3	Rajasthan	Suratgarh SCTPP	U-8	660	Dec-16	Feb-21	Mar-21	7920	10548.735	392.64	554.2	1055.68	637.67	2628.735	50.00

4	Telangana	Bhadradri TPP	U-3	270	Jul-17	Dec-20	Feb-21	5044	8536.98	2003	1971	1706.97	Not available		0.00
			U-4	270	Sep-17	Mar-21	Mar-21								41.00
5	TN	Ennore exp. SCTPP	U-1	660	Jan-18	Uncertain	Uncertain	4956	5421.38	462.25	-	-	-	465.38	-
6	TN	Ennore SCTPP	U-1	660	Jan-18	Mar-22	May-22	9800	9800	1261.67	2606.93	908.61	-	0	50.00
			U-2	660	Mar-18	May-22	Aug-22								50.00
7	TN	North Chennai TPP St-III	U-1	800	Mar-19	Jun-21	Jun-21	6376	6376	929.75	2243.52	2090.62	606.39	0	27.00
8	TN	Uppur Super Critical TPP	U-1	800	Mar-19	Feb-23	Sep-23	12778	12778	226.62	1594.15	924.32	272.81	0	47.00
			U-2	800	Oct-19	Aug-23	Apr-24								46.00
9	UP	Harduaganj TPS Exp-II	U-1	660	Jun-19	Dec-20	Jun-21	4826.49	5500.98	458.1	1223.83	1337.16	526.42	674.49	18.00
10	Karnataka	Yelahanka CCPP	GT+ST	370	Mar-18	Sep-21	Sep-21	1571.18	1659.0377	932.17	348.83	311.35	-	87.8577	42.00
11	UP	Jawaharpur STPP	U-1	660	Sep-20	Apr-22	Oct-22	10566.27	10566.27	805	991	2286	935	0	19.00
			U-2	660	Jan-21	Oct-22	Apr-23								21.00
12	UP	Obra-C STPP	U-1	660	Sep-20	Apr-21	Jan-23	10416	10416	285.4	901.83	1960	830.64	0	7.00
			U-2	660	Dec-20	Jul-21	May-23								7.00
13	Telangana	Yadadri TPS	U-1	800	Sep-20	May-21	May-21	29965	29965	975.63	3276.9	2282.97	-	0	8.00
			U-2	800	Sep-20	May-21	May-21								8.00
			U-3	800	Mar-21	Jun-22	Jun-22								15.00
			U-4	800	Mar-21	Jun-22	Jun-22								15.00
			U-5	800	Sep-21	Jun-22	Jun-22								9.00
14	UP	Panki TPS Extn.	U-1	660	Jan-22	Jan-22	Jan-22	Not available	Not Avl.		543.29	837.26	709.81	Not Avl.	0.00
15	TN	Udangudi STPP Stage I	U-1	660	Feb-21	May-22	May-22	13076.705	13076.71	118	336.43	654.76	1168.72	0	15.00
			U-2	660	Feb-21	Jul-22	Jul-22								17.00
16	Maharashtra	Bhusawal TPS	U-6	660	Nov-21	Mar-22	Jun-22	4550.98	4550.98	15.33	34.23	696.32	650.46	0	4.00
17	West Bengal	Sagardighi Thermal Power Plant Ph-III	U-1	660			Jan-24	Not available	Not available	-	-	-	-	Not available	
PRIVATE SECTOR															
1	AP	Bhavanapadu TPP Ph-I	U-1	660	Oct-13	Uncertain	Uncertain	6571.94	9343.15	-	-	-	-	2771.21	-
			U-2	660	Mar-14	Uncertain	Uncertain								-
2	AP	Thamminapatnam TPP stage -II	U-3	350	May-12	Uncertain	Uncertain	5005	5414.4	747.15	334.5	-	-	409.4	-
			U-4	350	Aug-12	Uncertain	Uncertain								-
3	Chhattisgarh	Akaltara TPP	U-4	600	Apr-13	Uncertain	Uncertain	16190	27080	-	-	-	-	10890	-
			U-5	600	Aug-13	Uncertain	Uncertain								-
			U-6	600	Dec-13	Uncertain	Uncertain								-
4	Bihar	Siriya TPP	U-1	660	Aug-14	Uncertain	Uncertain	11120	11120	-	-	-	-	0	-
			U-2	660	Dec-14	Uncertain	Uncertain								-
			U-3	660	Apr-15	Uncertain	Uncertain								-
			U-4	660	Aug-15	Uncertain	Uncertain								-
5	Chhattisgarh	Binjkote TPP	U-3	300	Mar-14	Uncertain	Uncertain	5058	7940	-	-	-	-	2882	-
			U-4	300	Jun-14	Uncertain	Uncertain								-
6	Chhattisgarh	Lanco Amarkantak TPP-II	U-3	660	Jan-12	Uncertain	Uncertain	6886	10815.24	-	-	-	-	3929.24	-
			U-4	660	Mar-12	Uncertain	Uncertain								-
7	Chhattisgarh	Singhitarai TPP	U-1	600	Nov-14	Uncertain	Uncertain	6200	8443.79	111.81	-	-	-	2243.79	-
			U-2	600	Feb-15	Uncertain	Uncertain								-

8	Chhattisgarh	Salora TPP	U-2	135	Sep-11	Uncertain	Uncertain	1458.44	2386.89	-	-	-	-	928.45	-
9	Chhattisgarh	Deveri (Visa) TPP	U-1	600	Aug-13	Uncertain	Uncertain	2618.7	3930	-	-	-	-	1311.3	-
10	Jharkhand	Matrishri Usha TPP Ph-I	U-1	270	Apr-12	Uncertain	Uncertain	2900	3120	-	-	-	-	220	-
			U-2	270	May-12	Uncertain	Uncertain								-
11	Jharkhand	Matrishri Usha TPP Ph-II	U-3	270	Oct-12	Uncertain	Uncertain	3182	3182	-	-	-	-	0	-
			U-4	270	Jan-13	Uncertain	Uncertain								-
12	Jharkhand	Tori TPP Ph-I	U-1	600	Jul-12	Uncertain	Uncertain	5700	5700	-	-	-	-	0	-
			U-2	600	Sep-12	Uncertain	Uncertain								-
13	Jharkhand	Tori TPP Ph-II	U-3	600	Dec-15	Uncertain	Uncertain	2500	2500	-	-	-	-	0	-
14	Maharashtra	Amravati TPP Ph-II	U-1	270	Jul-14	Uncertain	Uncertain	6646	6646	-	-	-	-	0	-
			U-2	270	Sep-14	Uncertain	Uncertain								-
			U-3	270	Nov-14	Uncertain	Uncertain								-
			U-4	270	Jan-15	Uncertain	Uncertain								-
			U-5	270	Mar-15	Uncertain	Uncertain								-
15	Maharashtra	Lanco Vidarbha TPP	U-1	660	Jul-14	Uncertain	Uncertain	6936	10433	-	-	-	-	3497	-
			U-2	660	Nov-14	Uncertain	Uncertain								-
16	Maharashtra	Nasik TPP Ph-II / Ratan India Nasik Power Pvt. Ltd. BTG-BHEL	U-1	270	Apr-13	Uncertain	Uncertain	6789	6789	-	-	-	-	0	-
			U-2	270	Jun-13	Uncertain	Uncertain								-
			U-3	270	Aug-13	Uncertain	Uncertain								-
			U-4	270	Oct-13	Uncertain	Uncertain								-
			U-5	270	Dec-13	Uncertain	Uncertain								-
17	Maharashtra	Bijora Ghanmukh TPP	U-1	300	Dec-16	Uncertain	Uncertain	3189	3450	-	-	-	-	261	-
			U-2	300	Mar-17	Uncertain	Uncertain								-
18	Maharashtra	Shirpur TPP ,Shirpur Power Pvt. Ltd.-BHEL	U-2	150	Apr-15	Uncertain	Uncertain	2413	2413	106.22	-	-	-	0	-
19	MP	Gorgi TPP	U-1	660	Jun-13	Uncertain	Uncertain	3941	3941	-	-	-	-	0	-
20	Odisha	Ind Barath TPP (Odisha)	U-2	350	Dec-11	Uncertain	Uncertain	3150	4254	1	-	-	-	1104	-
21	Odisha	KVK Nilanchal TPP	U-1	350	Dec-11	Uncertain	Uncertain	4990	6000	-	-	-	-	1010	-
			U-2	350	Feb-12	Uncertain	Uncertain								-
			U-3	350	Feb-12	Uncertain	Uncertain								-
22	Odisha	Lanco Babandh TPP	U-1	660	Apr-13	Uncertain	Uncertain	6930	10430	-	-	-	-	3500	-
			U-2	660	Aug-13	Uncertain	Uncertain								-
23	Odisha	Malibrahmani TPP	U-1	525	Dec-12	Uncertain	Uncertain	5093	6330	-	-	-	-	1237	-
			U-2	525	Feb-13	Uncertain	Uncertain								-
24	TN	Tuticorin TPP	U-1	660	May-12	Uncertain	Uncertain	3595	3595	-	-	-	-	0	-
25	TN	Tuticorin TPP St-IV	U-1	525	Sep-18	Feb-21	Mar-21	3514	3514	822.94	508.9 1	852.6	1437.94	0	-
26	WB	Hiranmaye Energy Ltd	U-3	150	May-16	Uncertain	Uncertain	2656	3307	48.09	-	-	-	651	-
