

Ref. No.: CE/PP/MERC/Petition/

No 07804

Date:

31 MAR 2022

To,
The Secretary,
Maharashtra Electricity Regulatory Commission
World Trade Centre,
Cuffe Parade, Colaba,
Mumbai – 400 005.

Subject: Submission of Petition for in-principle approval for procurement of the power re-allocated by Ministry of Power, Government of India from NTPC Power Stations to Maharashtra for short term period.

Sir,

MSEDCL is hereby submitting the Petition for in-principle approval for procurement of the power re-allocated by Ministry of Power, Government of India from NTPC Power Stations to Maharashtra for short term period.

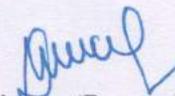
The necessary fees for filing of Petition as per MERC (Fees and Charges) Regulations, 2017, is paid vide UTR No. MAHBH22090457501 dated 31.03.2022.

This may please be taken on record & be placed before Hon. Commission for kind consideration please.

Considering the facts & circumstances of case, it is requested to kindly list the matter on most urgent basis for hearing as the reallocation of power by Ministry of Power, GoI is for the period of 28.03.2022 to 15.06.2022.

Thanking You.

Yours faithfully,


Chief Engineer (Power Purchase)
MSEDCL

PETITION FOR IN PRINCIPLE APPROVAL FOR PROCUREMENT OF THE POWER RE-ALLOCATED BY MINISTRY OF POWER, GOVERNMENT OF INDIA FROM NTPC POWER STATIONS TO MAHARASHTRA FOR SHORT TERM PERIOD.

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BEFORE THE MAHARASHTRA ELECTRICITY REGULATORY COMMISSION, MUMBAI

FILING NO: _____

CASE NO: _____

IN THE MATTER OF

PETITION FOR IN PRINCIPLE APPROVAL FOR PROCUREMENT OF THE POWER RE-ALLOCATED BY MINISTRY OF POWER, GOVERNMENT OF INDIA FROM NTPC POWER STATIONS TO MAHARASHTRA FOR SHORT TERM PERIOD.

IN THE MATTER OF

REGULATION 22.2 AND 22.5 OF THE MERC (MULTI YEAR TARIFF) REGULATIONS, 2019 RELATING TO ADDITIONAL PROCUREMENT OF POWER

IN THE MATTER OF

REGULATION 106 OF THE MERC (MULTI YEAR TARIFF) REGULATIONS, 2019 RELATING TO POWER TO REMOVE DIFFICULTIES

IN THE MATTER OF

REGULATION 92 AND 94 OF THE MERC (CONDUCT OF BUSINESS) REGULATIONS 2004

AND

IN THE MATTER OF

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY
LIMITED PRAKASHGAD, PLOT NO. G-9, ANANT KANEKAR MARG,
BANDRA (E), MUMBAI-400051

– THE PETITIONER



Affidavit on behalf of Maharashtra State Electricity Distribution Company Limited.

I, Dinesh Hanumandas Agrawal, aged about 51 Years, is having my office at MSEDCL, Prakashgad, Plot no. G-9, Anant Kanekar Marg, Bandra (E), Mumbai-400051 do solemnly affirm and say as follows:

I am working as Chief Engineer (Power Purchase) of Maharashtra State Electricity Distribution Co. Ltd., the Petitioner in the above matter and duly authorized by the said Petitioner to make this affidavit.

The statements made in the enclosed Petition for in principal approval for procurement of the power re-allocated by Ministry of Power, GoI to Maharashtra from NTPC power stations for short term period are based on the information received from the concerned officers of the Company and I believe them to be true.

I say that there are no proceedings pending in the court of law/ tribunal or arbitrator or any other authority, wherein the Petitioner is a party and where issues arising and / or relief sought are identical or similar to the issues arising in the matter pending before the Commission.

I solemnly affirm at Mumbai on this day of 31st day of March 2022, that the contents of this affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.



[Signature]
Chief Engineer
(Power Purchase, MSEDCL)
Deponent
Chief Engineer (Power Purchase)
MSEDCL
BEFORE ME
[Signature]
RANJEET SINGH 2
M.Sc.LL.B.
NOTARY
MAHARASHTRA
GOVT OF INDIA
31 MAR 2022

BEFORE THE MAHARASHTRA ELECTRICITY REGULATORY COMMISSION, MUMBAI

FILING NO: _____

CASE NO: _____

IN THE MATTER OF

PETITION FOR IN PRINCIPLE APPROVAL FOR PROCUREMENT OF THE POWER RE-ALLOCATED BY MINISTRY OF POWER, GOVERNMENT OF INDIA FROM NTPC POWER STATIONS TO MAHARASHTRA FOR SHORT TERM PERIOD.

AND

IN THE MATTER OF

REGULATION 22.2 AND 22.5 OF THE MERC (MULTI YEAR TARIFF) REGULATIONS, 2019 RELATING TO ADDITIONAL PROCUREMENT OF POWER

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AND

IN THE MATTER OF

REGULATION 92 AND 94 OF THE MERC (CONDUCT OF BUSINESS) REGULATIONS 2004

AND

IN THE MATTER OF

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED – THE PETITIONER



Maharashtra State Electricity Distribution Company Ltd. respectfully submits as under:

1. Background

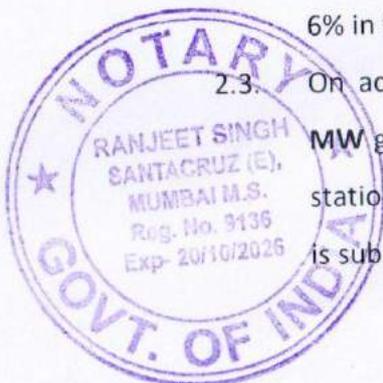
Maharashtra State Electricity Distribution Co. Ltd. (hereinafter to be referred to as "MSEDCL" or "the Petitioner") has been incorporated under Indian Companies Act, 1956 pursuant to the decision of Government of Maharashtra to reorganize erstwhile Maharashtra State Electricity Board. The Petitioner submits that the said reorganization of the MSEDCL has been done by Government of Maharashtra pursuant to "Part XIII – Reorganization of Board" read with section 131 of The Electricity Act 2003. The Petitioner has been incorporated on 31.05.2005 with the Registrar of Companies, Maharashtra; Mumbai and has obtained the Certificate of Commencement of Business on 15th Sep 2005. The Petitioner is a Distribution Licensee under the provisions of the Electricity Act, 2003 (EA, 2003) having license to supply electricity in the State of Maharashtra except some parts of city of Mumbai.

2. Current Power Demand and Supply Situation in MSEDCL's license area

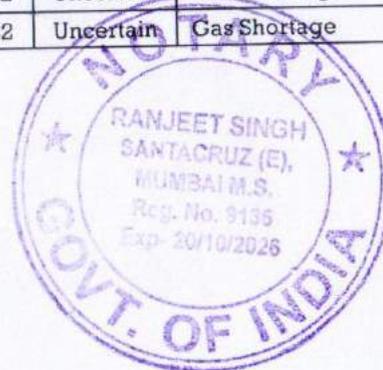
2.1. It is submitted in the month of March-2022, due to post Covid effect, increase in industrial and commercial activities coupled with heat wave and increase in Agricultural pumping demand, the demand of MSEDCL has reached all time high up to @24,400 MW. On the supply side due to the coal shortage scenario and forced outages, the generation from contracted thermal generators has significantly reduced which created a shortfall in generation to meet the demand. In order to cater this increase in demand and shortfall in generation, MSEDCL was compelled to utilize Koyna Hydro at its full capacity and also to procure power from power exchanges at available rates.

2.2. It is further submitted that in comparison to last year, the peak demand has witnessed increase of 8.20 % and average demand has witnessed increase by @ 6% in the month of March 2022.

2.3. On account of forced/planned outages and coal/gas shortages, around **4170 MW** generation capacity as on 31.03.2022 from contracted thermal generating stations is under outage. The list of generators under outages as on 31.03.2022 is submitted in the following Table.



Unit Outages Status as on						Date:	31.03.2022
Units under Planned Outages							
Sr- No-	Utility	Station	Unit No-	Capacity / Share	Date of tripping/ withdrawn	Expected Date of Sync-	Reason
1	NPCIL	TAPS I	1	80	08-Jan-20	31-Mar-23	Refueling
2	NTPC	VSTPS-V	13	149	26-Feb-22	14-Apr-22	AOH
3	NPCIL	TAPS I	2	80	17-Mar-22	30-Mar-22	For cleaning of clogged basket strainer of cooling water system
Sub Total				309			
Units under Forced Outages							
Sr- No-	Utility	Station	Unit No-	Capacity / Share	Date of tripping/ withdrawn	Expected Date of Sync-	Reason
1	NTPC	Kahalgaoon-II	7	49	26-Feb-22	Uncertain	LP Turbine problem
2	NTPC	Mouda-II	1	272	17-Mar-22	01-Apr-22	Withdrawn due to hydrogen detected in generator primary water system
3	NTPC	Khargone	1	48	21-Mar-22	02-Apr-22	Leakages in raw makeup water lines & low reservoir level
4	NTPC	Sipat-I	1	182	28-Oct-21	31-May-22	High Vibraton in turbine bearing converted to AOH
5	NTPC	Sipat-I	2	182	29-Mar-22	01-Apr-22	BTL
6	IPP	CGPL	30	152	12-Mar-22	30-Mar-22	BTL. Will convert in Commercial issue
7	IPP	SWPGL	4	80	25-Feb-22	Uncertain	Turbine tripping on high vibration
8	IPP	RIPL	1	270	04-Mar-22	Uncertain	Electrical protection
9	IPP	CGPL	40	152	21-Nov-21	Uncertain	Fault in R Phase GT converted in Commercial issue from 31.01.2022
10	IPP	JSW	1	300	16-Mar-22	Uncertain	Turbine shift vibration high protection
11	IPP	Dhariwal	1	185	27-Mar-22	Uncertain	GT Hotspot
12	MSPGCL	Uran	7	108	25-May-20	05-Apr-22	Turbine Blade Failure
13	MSPGCL	Nashik	3	210	31-Mar-22	Uncertain	BTL
14	MSPGCL	Paras	4	250	31-Mar-22	Uncertain	Furnace Pressure High
15	MSPGCL	Parli	7	250	30-Mar-22	Uncertain	Furnace Pressure High
Sub Total				2690			
Units under outage due to Coal/Gas Shortage							
Sr- No-	Utility	Station	Unit No-	Capacity / Share	Date of tripping/ withdrawn	Expected Date of Sync-	Reason
1	NTPC	Kawas Gas	All	198	28-Sep-21	Uncertain	Gas Shortage
2	NTPC	Gandhar Gas	All	196	28-Sep-21	Uncertain	Gas Shortage
3	IPP	CGPL	10	152	17-Oct-21	Uncertain	Due to HP turbine warm up line NRV passing./ outage reason converted to high coal price since 22/10/2021
4	IPP	CGPL	20	152	25-Jan-22	Uncertain	On bar but scheduling power to Gujarat State
5	IPP	CGPL	50	152	15-Jan-22	Uncertain	On bar but scheduling power to Gujarat State
6	MSPGCL	Bhusawal	3	210	20-Mar-22	Uncertain	Coal Shortage
7	MSPGCL	Uran	5	108	26-Mar-22	Uncertain	Gas Shortage
Sub Total				1168			
Total				4167			

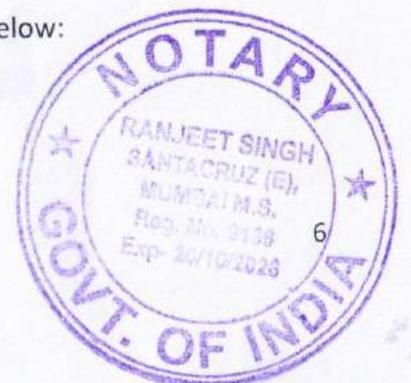


- 2.4. Further, the thermal generators with which MSEDCL has contracted capacity are witnessing depleting coal stock scenario and at most of the generating stations the coal stock is at critical level as per CEA coal stock norms in the month of March 2022. Following is the coal stock position of contracted generating stations.

Source	Station Name	Coal stock in Days as on 30.03.2022
MSPGCL	Bhusawal U-3:	0.63
	Bhusawal U-4 & 5:	1.03
	Chand'pur U-3 to 9:	2.91
	Kha'Kheda U-1 to 4:	6.50
	Kha'Kheda U-5:	9.81
	Koradi U-6 & 7:	3.00
	Koradi U-8 to 10:	2.00
	Nasik U-3 to 5:	2.92
	Paras U-3 & 4:	2.72
	Parli U-6 & 7:	2.99
	Parli U-8:	3.16
IPP	APML, TIRORA :	4
	JSWEL:	14
	RPL (AMT):	3.50
	Sai Wardha	20
	GMR	1

- 2.5. It is submitted that as on 30.03.2022, the total coal stock available with MSPGCL is @ 6.80 Lakh MT and present daily consumption is @ 1.25 Lakh MT and daily receipt is @ 1.10 lakh MT to 1.25 lakh MT.

- 2.6. The availability from coal based generating station has also reduced due to such forced /planned outage and coal supply issue. The contracted capacity and existing availability from the generating stations is as below:



Utility	Contracted Capacity (MW)	Generation Availability w.r.t. Ex bus contracted Capacity as on 31.03.2022 (MW)	Shortfall w.r.t Contract Capacity (MW)
NTPC	5451	4500	951
MSPGCL	9540	6900	2640
APML	3085	3085	0
RIPL	1200	980	220
CGPL	760	0	760
JSW	300	0	300
Sai Wardha	240	137	103
GMR-Warora	200	200	0
Dhariwal Case IV	185	0	185

* Gross generation Availability

- 2.7. Thus considering the forced and planned generating unit outages and reduced availability from the on bar coal based generating units, there is combined shortfall of around 5000 to 5600 MW in generation availability with respect to its contracted coal based thermal capacity in the month of March 2022.
- 2.8. The present demand, generation availability from all contracted sources (including utilization of Koyna hydro @ 0.20 TMC per day) and shortfall during various durations of day is as below:

Period	Availability (MW)	Demand (MW)	Shortfall (MW)
Night period	19000	21500	2500
Morning peak	20000	22200	2200
Day peak	22400	24400	2000
Evening peak	19800	21400	1600

- 2.9. It is submitted that in spite of full utilization of Koyna hydro generation, it is difficult to manage the demand during the early morning peak, night and evening peak hours, especially when there is non-availability of solar generation. In such case, MSEDCL is compelled to procure costly power from power exchanges up to Rs 20.00 per unit in some time blocks.



3. Issues faced to cope up with shortfall in generation:

3.1. It is submitted that due to nationwide increase in power requirement, the rates in exchanges are high in the current month of March 2022. The RTC rate on IEX reached all time high i.e. upto Rs 18.67 per unit. In addition to this, the RTM rates reach up to its ceiling rates i.e. Rs. 20.00 per unit during most of the time blocks in morning/evening peak and night period. The details of the RTC rates on IEX during the month of March 2022 are as given below:

Date	RTC Rate (Rs/Unit)
01-Mar-2022	3.86
02-Mar-2022	3.94
03-Mar-2022	3.76
04-Mar-2022	4.24
05-Mar-2022	4.90
06-Mar-2022	4.16
07-Mar-2022	5.76
08-Mar-2022	6.18
09-Mar-2022	6.62
10-Mar-2022	7.11
11-Mar-2022	6.53
12-Mar-2022	7.84
13-Mar-2022	4.97
14-Mar-2022	8.00
15-Mar-2022	6.42
16-Mar-2022	7.16
17-Mar-2022	8.58
18-Mar-2022	6.77
19-Mar-2022	8.42
20-Mar-2022	5.20
21-Mar-2022	7.32
22-Mar-2022	8.78
23-Mar-2022	11.23
24-Mar-2022	15.27
25-Mar-2022	18.67
26-Mar-2022	17.33
27-Mar-2022	10.99
28-Mar-2022	12.01
29-Mar-2022	10.17
30-Mar-2022	10.67
31-Mar-2022	12.38



- 3.2. In order to cater the demand and to supply uninterrupted power supply to MSEDCL consumers, power needs to be purchased from power exchanges on day ahead basis (DAM) / RTM market as and when required. Further, it is also observed that even at such high rates, partial quantum was executed most of the times. Hence, MSEDCL cannot rely on power exchanges for high quantum of power to meet the shortfall in generation.
- 3.3. Keeping in view its historic demand and power supply position, MSEDCL had planned utilization of allocated Koyna dam water for generation during the Water Year (WY) 2021-22. However, in current water year, during the months of September 2021 and October 2021 there was nationwide coal shortage crisis which lead to drastic decrease in generation availability from all the thermal power stations in the Country. Also, Ministry of Power, Gol had instructed to utilize full hydro generation from hydro stations even during off peak hours till 31st Oct 2021, by which time the generation from thermal plants shall get normalize. Therefore, as per instructions of MoP, Koyna Hydro was utilized to its maximum extent up to 1900 MW of its capacity continuously during this coal crisis scenario. Due to this, excess water was utilized in the months of September 2021 and October 2021 which was unplanned. Further, during the present condition due to abnormal rise in demand, unavailability of contracted thermal capacity and high market rates, Koyna hydro was again utilized to its full capacity. This has resulted into depletion of balance water quota to only 11.58 TMC as on 30.03.2022 for balance 62 days of the Water Year.
- 3.4. It is submitted that at presently @ 0.50 to 0.70 TMC water is being utilized daily due to the shortfall in generation and rise in demand. If Koyna hydro is utilized at this rate, the allocated water quota will exhaust within the next 15 days i.e. up to 15th April 2022. Hence it is necessary to restrict the Koyna Hydro utilization to 0.20 TMC per day so as to balance out the water availability for the current water year i.e. upto 31st May-2022.



4. Short term tender floated by MSEDCL

4.1. As submitted in above paras, due to surge in demand and lack of availability and as overall average power purchase cost from power exchanges was expected to be costly, MSEDCL had floated a short term tender for procurement of 500 MW RTC power for the period from 15.03.2022 to 31.05.2022. However, the short term tender floated by MSEDCL resulted into the discovery of rate of Rs. 6.99 per unit for L1. The details are as given below:

Sr. No	Period	Timings (Hour)	Tender Quantum in (MW)	L1 rate (Rs/unit)	Quantum (MW)	Bidder
1	15.03.2022 to 31.03.2022	00:00 to 24:00	500	6.99	250	Tata Power Trading Company Limited/74212
2	01.04.2022 to 30.04.2022	00:00 to 24:00	500	6.99	250	Tata Power Trading Company Limited/74212
3	01.05.2022 to 31.05.2022	00:00 to 24:00	500	6.99	370	Tata Power Trading Company Limited/74212

4.2. Further, the rate discovered for short term tenders floated by other utilities are also given below:

Utility	Period	Hours	Tender Qtm MW	Rate received Rs./unit
RUVNL	April-22,May-22	RTC	1000	6.23 to 9.49
Tamilnadu	April-22,May-22	RTC	700	6.39 to 9.50
BSES	April-22,May-22	RTC	150 to 250	6.73 to 14.99
GUVNL	April-22,May-22	6 to 9 & 17 to 21 hrs	500	16
Andhra Pradesh	April-22,May-22	6 to 10 & 18 to 22 hrs	1000	15.88

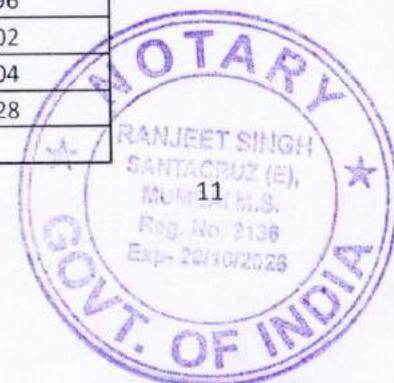
4.3. MSEDCL has floated a fresh short term tender for purchase of 700 MW RTC power for the period from 01.04.2022 to 15.06.2022 and only single bidder is participated in the tender with quantum of 200 MW at bid rate of Rs.11.96 per unit.



5. **Offer by NTPC to purchase power surrendered by other beneficiaries**

- 5.1. It is submitted that NTPC Limited (NTPC) vide its letter dated 24th February 2022 has informed that power is available for re-allocation from various NTPC stations which was surrendered recently by different States. The power from these NTPC stations was offered at CERC regulated tariff rates. Further, it was requested to take up the matter with Ministry of Power, GoI for re-allocation of surrendered power to Maharashtra. A copy of the letter is attached as **Annexure A**
- 5.2. Considering the expected increase in demand for upcoming months of April and May and lack of supply availability, it can be presumed that the shortfall in power supply shall only continue to rise. It is submitted that under such situation, resorting to purchase from power exchanges to meet the demand would only result into huge increase in overall power purchase cost of MSEDCL. Hence, it became necessary for MSEDCL to contract power from available sources for this near term period.
- 5.3. In view of the above, MSEDCL vide its letters dated 23rd March 2022 requested to the Secretary, Ministry of Power (MoP) and Principal Secretary (Energy), Government of Maharashtra for allocation of power to MSEDCL from the power surrendered by various beneficiaries from NTPC power stations, as communicated by NTPC vide letter dated 24th February 2022. Copy of the MSEDCL letters are attached as **Annexure-B**.
- 5.4. The quantum of power requested by MSEDCL and the respective CERC approved rates at which power is offered by various NTPC stations are as shown in the Table below:

Sr. No.	Name of Generating Station	Quantum of Power (MW)	Total Rate (FC + EC) (Rs./kWh)
1	Farakka I & II	11.04	3.72
2	Unchahar-I	27.01	4.29
3	Kudgi STPS	244.00	4.84
4	Gadarwara STPS	155.68	4.96
5	NTECL Vallur	86.15	5.02
6	Mauda – I STPS	62.50	5.04
7	Solapur STPS	454.81	5.28
Total		1041.19	



5.5. MSEDCL has requested for allocation of above 1,041.19 MW for the period of 2.5 months i.e. from 1st April 2022 to 15th June 2022, so as to cater to the increase in demand in the upcoming summer months.

6. Reallocation of Power by Ministry of Power to Maharashtra

6.1. It is submitted that based on the request of MSEDCL, Ministry of power vide letter dated 27.03.2022 has re-allocated the 1003.14 MW power for MSEDCL for the period from 27.03.2022 to 15.06.2022 and is attached as **Annexure-C**. The details are as given below:

Sr. No.	Name of NTPC Generating Station	Quantum of Power in MW
1	Gadarwara STPS	155.68
2	NTECL Vallur	86.15
3	Mauda – I STPS	62.5
4	Kudgi STPS	244
5	Solapur STPS	454.81
Total		1003.14

6.2. It is respectfully submitted that considering the present power scenario and high market/power exchange rates, MSEDCL has started scheduling the re-allocated power from Gadarwara, Mauda-I and Solapur, which are approved sources of power in the MYT order, with effect from 00:00 hours of 28.03.2022. However, in the absence of consent from Southern Region Power Committee, the power from NTECL and Kudgi was not scheduled. MSEDCL accordingly, intimated the Hon'ble Commission vide letter dated 29.03.2022 which is attached herewith as **Annexure D**.

6.3. It is further submitted that Ministry of power vide letter dated 29.03.2022 has informed that 86.15 MW power from NTECL Vallur and 244 MW power from Kudgi power station is not available for Maharashtra as the original beneficiaries are not agreeable for temporary reallocation of power to Maharashtra. Accordingly, effective reallocation of NTPC power to Maharashtra is as follows:



S. No.	Name of NTPC Generating Station	Quantum of Power in MW
1	Gadarwara STPS	155.68
2	Mauda – I STPS	62.5
3	Solapur STPS	454.81
Total		672.99

The said letter of Ministry of power dated 29.03.2022 is attached as **Annexure-E**.

7. Rationale for Purchase of reallocated power from NTPC stations

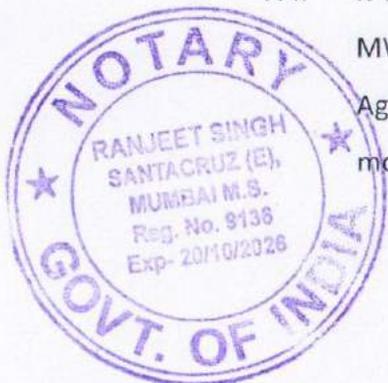
7.1. It is submitted that vide MYT Order of MSEDCL in Case No. 322 of 2019 for the 4th Control period from FY 20-21 to FY 24-25 dated 30th March 2020, the Hon'ble Commission has approved for purchase of total 141940 MUs for FY 2021-22. The details of approved purchase quantum and actual power purchase quantum upto Feb-2022 are as given below:

Total Approved MUs FY 2021-22:	141940
Total Approved MUs FY 2021-22 upto Feb-22:	129355
Total Actual MUs for 2021-22 upto Feb-22:	128947

7.2. As stated above, it is expected that total actual power purchase quantum will remain in line with the approved quantum and will not vary much during the FY 2021-22 and FY 2022-23. The need of purchase of reallocated power has arisen due to shortfall in generation from contracted generators.

7.3. NTPC power stations from which power is reallocated to Maharashtra are Gadarwara, Mauda-I and Solapur. These power stations are already approved sources for procurement of power as per MYT order dated 30.03.2022.

7.4. It is submitted that presently MSEDCL's peak demand is in the tune of 24,400 MW which in upcoming months may reach up to 25,000 MW due to the Agriculture demand and increase in temperature in the oncoming summer months.



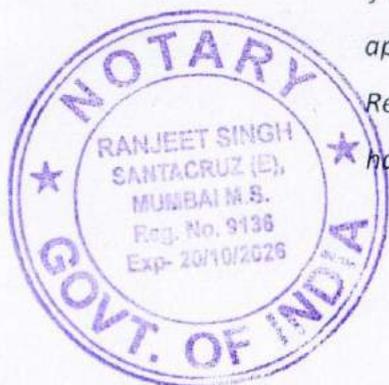
- 7.5. It is respectfully submitted that the expected generation availability from all contracted generators excluding Koyna generation during upcoming months maybe in the tune of 20,500 to 21,000 MW. The expected shortfall to meet the peak demand may be in the range of 2500 to 3000 MW. Even if Koyna generation is utilised as per available water i.e. @0.20 TMC per day, this shortfall will be still in the range of 1800 MW to 2400 MW. Hence, emergent need has arisen to arrange for alternate power.
- 7.6. As stated above, the rate discovered by MSEDCL for purchase of power on short term basis through recent competitive bidding in accordance with the MoP Guidelines, is Rs. 6.99 per unit which is much higher than the rates of reallocated power from NTPC stations.
- 7.7. It is further submitted that procurement of power from power exchanges would only result in increase in overall power purchase cost of MSEDCL. Accordingly, procurement of power from NTPC stations would result in savings in power purchase cost and therefore in overall benefit to the consumers of MSEDCL.
- 7.8. It is therefore requested before the Hon'ble Commission to kindly approve the power purchase from the above list of NTPC stations given in this Petition at CERC regulated tariff rates for short term period from 28th March 2022 to 15th June 2022 as per clause 22.2 of MERC (MYT) Regulations, 2019.
- 7.9. It is further requested to kindly accord the approval for signing of supplementary PPA with NTPC, if required.

8. Regulatory Provisions relating to additional power procurement

- 8.1. The 'Guidelines for short term Procurement of Power by Distribution Licensees through Tariff based bidding process' notified by the Ministry of Power (MoP), Government of India dated 30 March, 2016, specifies the following clause:

"11.4

If the quantum of power procured and tariff determined are within the blanket approval granted by the Appropriate Commission in Annual Revenue Requirement (ARR) of the respective year, then the same will be considered to have been adopted by the Appropriate Commission.



In all other cases, the Procurer(s) shall submit a petition to the Appropriate Commission for adoption of tariff within 2 days from the date of signing of PPA. Appropriate Commission should communicate the decision within 7 days from the date of submission of petition."

8.2. As per Regulation 22 of MERC (MYT) Regulations, 2019

"22. Additional power procurement—

22.1 *The Distribution Licensee may undertake additional power procurement during the year, over and above the power procurement plan for the Control Period approved by the Commission, in accordance with this Regulation.*

22.2 *Where there has been an unanticipated increase in the demand for electricity or a shortfall or failure in the supply of electricity from any approved source of supply during the Year or when the sourcing of power from existing tied-up sources becomes costlier than other available alternative sources, the Distribution Licensee may enter into additional agreement or arrangement for procurement of power.*

22.3 *Any variation, during the first or second block of six months of a Year, in the quantum or cost of power procured, including from a source other than a previously approved source, that is expected to be in excess of five per cent of that approved by the Commission, shall require its prior approval:*

Provided that the five per cent limit shall not apply to variation in the cost of power procured on account of changes in the price of fuel for own generation or the fixed or variable cost of power purchase that is allowed to be recovered in accordance with Regulation 10.

22.4 *Where the Distribution Licensee has identified a new short-term source of supply from which power can be procured at a Tariff that reduces its approved total power Procurement cost, it may enter into a short-term*



power procurement agreement or arrangement with such supplier without the prior approval of the Commission.

22.5 The Distribution Licensee may enter into a short-term arrangement or agreement for procurement of power without the prior approval of the Commission when faced with emergency conditions that threaten the stability of the distribution system, or when directed to do so by the MSLDC to prevent grid failure.

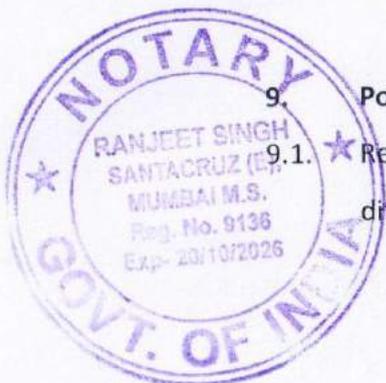
22.6 Within fifteen days from the date of entering into an agreement or arrangement for short-term power procurement for which prior approval is not required, the Distribution Licensee shall submit to the Commission its details, including the quantum, Tariff computations, duration, supplier particulars, method of supplier selection and such other details as the Commission may require so to assess that the conditions specified in this Regulation have been complied with.

22.7 Where the Commission has reasonable grounds to believe that the agreement or arrangement entered into by the Distribution Licensee does not meet the criteria specified in Regulations 22.2 to 22.5, it may disallow any increase in the total cost of power procurement over the approved level arising therefrom or any loss incurred by the Distribution Licensee as a result, from being passed through to consumers.”

8.3. As per the above provisions, considering the shortfall in generation from approved contracted sources of power and emergent situation considering the present power scenario, petitioner herein seeks approval of the Hon'ble Commission for procurement of the power re-allocated by Ministry of Power, Gol to Maharashtra from NTPC power stations for short term period from 28th March 2022 to 15th June 2022.

9. Powers to remove difficulties

9.1. Regulation 106 of the MERC (MYT) Regulations 2019 provides for removal of difficulties.



"106. Power to remove difficulties

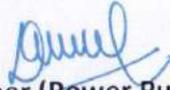
If any difficulty arises in giving effect to the provisions of these Regulations, the Commission may, by general or specific order, make such provisions, not inconsistent with the provisions of the Act, as may appear to be necessary for removing the difficulty."

- 9.2. The Petitioner most respectfully submits that Hon'ble Commission has sufficient powers to deal with the matter and issue orders on any matter as deemed appropriate.
- 9.3. MSEDCL will submit all the details of short term power procured to the Hon'ble Commission in the truing up submission for MYT control period of FY 20-21 to FY 24-25.

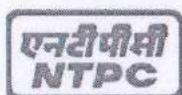
10. Prayers

- 10.1. To admit the present Petition.
- 10.2. To accord the in principal approval for procurement of the power re-allocated by Ministry of Power, Gol to Maharashtra from NTPC power stations for short term period.
- 10.3. To accord the approval for signing of supplementary PPA with NTPC, if required.
- 10.4. To consider the submission made by the Petitioner and consider the same positively while deciding the Petition;
- 10.5. To condone any error/omission and to give opportunity to rectify the same;
- 10.6. To permit the Petitioner to make further submissions, addition and alteration to this Petition as may be necessary from time to time.




Chief Engineer (Power Purchase),
MSEDCL

Chief Engineer (Power Purchase)
M. S. E. D. C. L.



एन टी पी सी लिमिटेड
(भारत सरकार का उद्यम)
NTPC Limited
(A Govt. of India Enterprise)

Ref. No.: 01:CD:251

Date: 24.02.2022

To,
Chief Engineer (Power Purchase)
Maharashtra State Electricity Distribution Co Ltd.
Prakashgad, Bandra (East),
Mumbai 400051

Sub: Request for Reallocation of Surrendered Power of various NTPC Stations

Sir,

As you are aware, allocation of power from NTPC stations to beneficiary States is done by the Ministry of Power (MOP), Government of India (GOI). Further, MOP also reallocates power to needy States based on the surrender requests received from some power surplus States.

Based on the request by various utilities, power from the following NTPC Stations is available at CERC regulated tariff for reallocation by MOP to the needy States:

S. No.	Station	Installed Capacity	Capacity for which request has been made for surrender	Indicative Normative Capacity Charges @ 85%	Energy Charges for FY 2021-22 (till Dec'21)	Total
		MW	MW	Rs. per kWh	Rs. per kWh	Rs. per kWh
1	Unchahar-I	420	27.01	1.08	3.21	4.29
2	Dadri-I	840	756.00	0.97	3.12	4.09
3	Dadri-II	980	728.68	1.44	3.16	4.60
4	Farakka-I&II	1600	11.04	0.82	2.90	3.72
5	Kudgi	2400	244.56	1.67	3.59	4.84
6	NTECL Vallur	1500	86.15	1.77	3.25	5.02
7	Solapur	1320	478.88	1.72	3.56	5.28
8	Khargone	1320	467.79	1.81	2.95	4.76
9	Gadarwara	1320	155.65	2.07	2.89	4.96
10	Mauda-I	1000	62.55	1.88	3.16	5.04
12	Mauda-II	1320	87.70	1.48	3.34	4.82

पंजीकृत कार्यालय: एनटीपीसी भवन, स्कोप कॉम्प्लेक्स, 7 इंस्टीटयूशनल एरिया, लोधी रोड, नई दिल्ली - 110 003

Regd Office: NTPC Bhawan, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi - 110 003

Corporate Identification Number L40101DL1975GOI007966, Telephone No: 011-2436 0100

Considering the consistent increase in power demand and the future power supply scenario, you may like to take up with MOP, GOI for required allocation of the power from the above stations at CERC regulated tariff.

With kind regards,

Yours sincerely,



(V V Sivakumar)
GM (Commercial)

CC: Director (Commercial) I/C, MSEDCL

Vijay Singhal IAS
Chairman & Managing Director



Ref. No. CMD/MSEDCL/ 06952

Date: 23/03/2022

To,
The Principal Secretary (Energy),
Energy Department, Government of Maharashtra,
Mantralaya, Mumbai.

Subject: Allocation of power to MSEDCL from the power surrendered by various beneficiaries from NTPC power stations.

Reference: 1) MoP's letter No. 3/6/2019-OM-Part(1) dated 11.02.2022
2) NTPC's letter No. 01:CD:251 dated 24.02.2022
3) CMD/MSEDCL/PP/6487 dated 16.03.2022

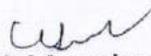
Dear Sir,

- 1) Presently, MSEDCL's peak demand is around 24500 MW and considering the historical demand pattern, the demand in the months of April-22 to May-22 may be expected in the range of 25000 to 25500 MW.
- 2) However, around 2500 MW capacity is under outages due to the coal shortage/ forced/ planned outages. Considering the outages all the generating units are taken on bar and hydro is utilized at full capacity to cater the demand.
- 3) A short term tender was floated for procurement of 500 MW RTC power by MSEDCL for the period from 15.03.2022 to 31.05.2022. However, minimum rate discovered during bidding process is Rs. 6.99/kWh.
- 4) NTPC vide letter dated 24.02.2022 has informed the power from NTPC Stations is available at CERC regulated tariff for reallocation by MoP to needy States.
- 5) In view of upcoming demand, it is proposed to procure power for the period from 01st April 2022 to 15th June 2022 as below:

Sr. No.	Name of NTPC Generating Station	Quantum of Power in MW
1	Unchahar - I	27.01
2	Farakka - I & II	11.04
3	Gadarwara STPS	155.68
4	NTECL Vallur	86.15
5	Mauda - I STPS	62.5
6	Kudgi STPS	244
7	Solapur STPS	454.81
Total		1041.19

- 6) In view of above, it is requested to convey Ministry of Power, GoI for re-allocation of 1041.19 MW power from above referred stations to MSEDCL on priority for the above period.

Thanking you.


Chairman & Managing Director
MSEDCL

Vijay Singhal IAS
Chairman & Managing Director



Ref. No. CMD/MSEDCL/06951

Date: 23/03/2022

To,
The Secretary,
Ministry of Power, Govt. of India,
Shram Shakti Bhawan, Rafi Marg,
New Delhi - 110 001.

Subject: Allocation of power to MSEDCL from the power surrendered by various beneficiaries from NTPC power stations.

Reference: 1) CMD/MSEDCL/PP/6643 dated 17.03.2022
2) NTPC's letter No. 01:CD:251 dated 24.02.2022
3) MoP's letter No. 3/6/2019-OM-Part(1) dated 11.02.2022

Dear Sir,

This is to inform you that presently, MSEDCL's peak demand is around 24500 MW and is being catered by procuring power from its long term contracted generation sources such as State Genco, Central Sector and IPP. However, around 2500 MW capacity is under outages due to the coal shortage/ forced/ planned outages. Considering the outages all the generating units are taken on bar and hydro is utilized at full capacity to cater the demand.

Considering the historical demand pattern, the demand in the months of April-22 to May-22 may be expected in the range of 25000 to 25500 MW. In view of present coal shortfall scenario, reduced balance water quota from Koyana Hydro, it will be difficult for MSEDCL to cater the forthcoming demand of summer season.

Ministry of Power, Govt. of India vide various letter has invited beneficiaries to communicated their interest for suitable re-allocation of power from the share/quota surrendered by various beneficiaries in Central generating stations.

In view of upcoming demand, MSEDCL is interested to procure power for the period from 01st April 2022 to 15th June 2022 as below:

Sr. No.	Name of NTPC Generating Station	Quantum of Power in MW
1	Unchahar - I	27.01
2	Farakka - I & II	11.04
3	Gadarwara STPS	155.68
4	NTECL Vallur	86.15
5	Mauda - I STPS	62.5
6	Kudgi STPS	244
7	Solapur STPS	454.81
Total		1041.19

It is requested to allocate 1041.19 MW power from above referred stations to MSEDCL on priority for the above period.

Thanking you.


Chairman & Managing Director
MSEDCL

Copy s.w.rs. to:
The Principal Secretary (Energy), Govt. of Maharashtra.

सं. 22-306/3/2022-ओ एम
 भारत सरकार / Government of India
 विद्युत मंत्रालय / Ministry of Power
 Shram Shakti Bhawan, Rafi Marg, New Delhi-110 001

Dated: 27 March, 2022

To
 The Chairperson,
 Central Electricity Authority,
 Sewa Bhawan, R.K. Puram,
 New Delhi-110066

Subject: Re-allocation of 1003.14 MW Power to Government of Maharashtra from the power surrendered by various beneficiaries from NTPC power stations.-reg.

Sir,

In supersession to this Ministry's Order of even number dated 25.03.2022 (copy enclosed), it is conveyed that the re-allocated **1003.14 MW Power to Government of Maharashtra** from the Power Stations of NTPC will now be for the period from **27.03.2022 to 15.06.2022** instead of 01.04.2022 to 15.06.2022. Rest of the terms & conditions indicated in the enclosed order dated 25.03.2022 remain unaltered.

2. The beneficiary is required to sign/extent PPA and enters into commercial arrangements/maintain LC with the allocated power.
3. CEA is requested to get the allocation implemented under intimation to all concerned **with immediate effect**.

Yours faithfully,

Encl : As above

(Raja Ramaswamy)
 Under Secretary to Govt. of India
 Email:opmonitor-power@nic.in

Copy to :

1. Chief Engineer (GM), Central Electricity Authority, R.K. Puram, New Delhi-110066
2. Principal Secretary (Energy), Govt. of Maharashtra, Mantralaya, Madam Cama Road, Hutatma Rajguru Square, Nariman Point, Mumbai-400032
3. CMD, MSEDCL, Prakashgad, Plot No. G-9, Bandra (E), Mumbai-400051
4. Member Secretary, Western Regional Power Committee (WRPC), F-3, MIDC Area, Marol, Opp. SEEPZ, Central Road, Andheri (East), Mumbai-400093
5. Member Secretary, Southern Regional Power Committee (SRPC), No.-29 Race Course Cross Road, Bangalore-560009
6. ED (Commercial), NTPC Limited, Core-3, Floor-7, 7, Institutional Area, Lodhi Road, New Delhi-110003

सं. 22-306/3/2022-ओ एम
भारत सरकार / Government of India
विद्युत मंत्रालय / Ministry of Power
Shram Shakti Bhawan, Rafi Marg, New Delhi-110 001

Dated 25 March, 2022

To
The Chairperson,
Central Electricity Authority,
Sewa Bhawan, R.K. Puram,
New Delhi-110066

Subject: Re-allocation of 1003.14 MW Power to Government of Maharashtra from the power surrendered by various beneficiaries from NTPC power stations -reg.

Sir,

Keeping in view the power surrendered by Andhra Pradesh, Madhya Pradesh and Chhattisgarh and the willingness of Government of Maharashtra to purchase power, it has been decided to re-allocate **1003.14 MW Power to Government of Maharashtra** from the Power Stations of NTPC given below along with the quantum as indicated in the table below:

S. No.	Power Station	Quantum of Power in MW	Surrendered by	Period
1.	Gadarwara STPS	155.68	Chhattisgarh	from 01.04.2022 to 15.06.2022
2.	NTECL Vallur	86.15	Andhra Pradesh	
3.	Mauda-I STPS	62.5	Chhattisgarh	
4.	Kudgi STPS	244	Andhra Pradesh	
5.	Solapur STPS	454.81	295.88 MW by Madhya Pradesh 158.93 MW by Chhattisgarh	
	Total	1003.14		

2. In case some unit(s) in the above mentioned plant(s) is/are under shutdown at present, the share equivalent to that unit shall not be considered as reallocated to Maharashtra as the State needs power to meet its urgent requirement.
3. The beneficiary is required to sign/extent PPA and enters into commercial arrangements/maintain LC with the allocated power.
4. CEA is requested to get the allocation implemented under intimation to all concerned **with effect from 1st April, 2022.**

Yours faithfully,

(Raja Ramaswamy)
Under Secretary to Govt. of India
Email: opmonitor-power@nic.in

Contd....2/-.

Copy to :-

1. Chief Engineer (GM), Central Electricity Authority, R.K. Puram, New Delhi-110066
2. Principal Secretary (Energy), Govt. of Maharashtra, Mantralaya, Madam Cama Road, Hutatma Rajguru Square, Nariman Point, Mumbai-400032
3. CMD, MSEDCL, Prakashgad, Plot No. G-9, Bandra (E), Mumbai-400051
4. Member Secretary, Western Regional Power Committee (WRPC), F-3, MIDC Area, Marol, Opp. SEEPZ, Central Road, Andheri (East), Mumbai-400093
5. Member Secretary, Southern Regional Power Committee (SRPC), No.-29 Race Course Cross Road, Bangalore-560009
6. ED (Commercial), NTPC Limited, Core-3, Floor-7, 7 Institutional Area, Lodhi Road, New Delhi-110003

MAHAVITARAN
 Maharashtra State Electricity Distribution Co. Ltd.
 (A Govt. Of Maharashtra undertaking)
 CIN : U40109MH120055CC153645



**MAHARASHTRA STATE ELECTRICITY
 DISTRIBUTION COMPANY LIMITED**

Prakashgad, Plot No. G-9, Anant Kanekar Marg,

Bandra (E), Mumbai - 400 051

☎(P) 022-2647 8643 (O) 022 -2647 4211

✉ceppmsedcl@gmail.com • www.mahadiscom.in

Ref. No: CE/PP/NTPC/ 07406

Date: 28.03.2022

To,
 The Secretary,
 Maharashtra Electricity Regulatory Commission,
 World Trade Centre,
 Cuffe Parade, Colaba
 Mumbai-400005

Subject: Intimation regarding procurement of the power re-allocated by MoP,
 Gol from NTPC power stations to Maharashtra for short term period.

- Reference:**
- 1) Ministry of Power allocation letter dtd 27.03.2022
 - 2) Ministry of Power allocation letter dtd 25.03.2022
 - 3) MSEDCL letter No. CMD MSEDCL/06951 dtd 23.03.2022
 - 4) GoM letter No.Gol/2022/C.R.45/Energy-5 dtd 17.03.2022
 - 5) MSEDCL letter No. CMD/MSEDCL/PP/06487 dtd 16.03.2022
 - 6) NTPC's letter No. 01:CD:251 dated 24.02.2022
 - 7) MoP's letter No. 3/6/2019-OM-Part(1) dated 11.02.2022

Respected Sir,

MSEDCL's demand is catered by power procured from long term contracted generation sources such as Mahagenco, NTPC under MOU route and from IPP's through competitive bidding process. In case of any short fall in generation to cater the demand, power is procured through short term power purchase tenders/power exchanges as per requirement.

Presently, MSEDCL's peak demand has reached upto @ 24500 MW and about 4500 MW generation capacity is under outages as on 28.03.2022 due to the coal shortage/ forced/ planned outages as per **Annexure-A**.

Further, the coal stock at most of the contracted generating stations is almost at/below critical level as per CEA coal stock norms. A detail of the coal stock position as on 27.03.2022 in days is attached separately as **Annexure-B**.

Due to various generating units under outages and critical coal stock the generation availability from all the contracted sources excluding Koyna generation is in the range of 20500 to 21000 during peak demand period, resulting shortfall is in the range of 2500 to 3000 MW.

To cater the shortfall, Koyna hydro generation is also being utilized. But, the water availability for Koyna hydro is less during this Water Year by 6-7 TMC as compared to the previous year due to excess utilization of water against planned utilization during the months of September-2021 & October, 2021 as per directives of Ministry of Power, Gol vide D.O. letter dated 14.10.2021 to utilize full hydro

generation and further due to full utilization of Koyna hydro at present to cater the demand. Due to this, Water quota of 67.5 TMC for Koyna is likely to get exhausted soon and the Koyna Hydro generation may not be available in month of May 2022.

Considering the demand scenario, short term tender was floated by MSEDCL on Deep Portal for procurement of 500 MW power for the period of 15.03.2022 to 31.05.2022. However, minimum rate discovered during bidding process is Rs. 6.99/kWh. Further, the rate discovered for short term tenders floated by other utilities are also given below:

Utility	Period	Hours	Tender Qtm MW	Rate received Rs./unit
RUVNL	April-22,May-22	RTC	1000	6.23 to 9.49
Tamilnadu	April-22,May-22	RTC	700	6.39 to 9.50
BSES	April-22,May-22	RTC	150 to 250	6.73 to 14.99
GUVNL	April-22,May-22	Peak period 6 to 9 & 17 to 21 hrs	500	16
Andhra Pradesh	April-22,May-22	Peak period 6 to 10 & 18 to 22 hrs	1000	15.88

Also, currently the market rates in the exchange are very high and have recently touched to Rs. 20 per unit for few blocks of the day.

NTPC vide letter dated 24.02.2022, has informed that power from the following NTPC Stations is available at CERC regulated tariff for reallocation by MoP to needy States, as various beneficiaries has surrendered their quota:

Station	Installed Capacity (MW)	Capacity for which request has been made for surrender (MW)
Unchahar – I	420	27.01
Dadri – I	840	756.00
Dadri – II	980	728.68
Farakka – I & II	1600	11.04
Kudgi	2400	244.56
NTECL Vallur	1500	86.15
Solapur	1320	478.88
Khargone	1320	467.79
Gadarwara	1320	155.65
Mauda – I	1000	62.55
Mauda – II	1320	87.70

As stated above, considering the present power scenario and less availability of water quota for Koyna hydro generation and to cater the increasing demand of summer season, MSEDCL decided to request MoP for re-allocation of power from NTPC Stations for summer period. Further, considering allocation already done by MoP from Khargone & Mauda II to other states, MSEDCL vide letter dated 16.03.2022 requested to Ministry of Power through Govt. of Maharashtra for reallocation 700 MW power from Dadri – I or Dadri-II for period from 01st April 2022 to 15th June 2022. However, due to non allocation of this power, MSEDCL vide letter dated 23.03.2022 again requested Govt. of Maharashtra and Ministry of Power

for reallocation 1041.19 MW power from other various stations of NTPC as per details given below:

Sr. No.	Name of NTPC Generating Station	Quantum of Power in MW	CERC Regulated Tariff (Fix + variable) (Rs. Per kWh)
1	Unchahar - I	27.01	4.29
2	Farakka - I & II	11.04	3.72
3	Gadarwara STPS	155.68	4.96
4	NTECL Vallur	86.15	5.02
5	Mauda - I STPS	62.5	5.04
6	Kudgi STPS	244	5.26
7	Solapur STPS	454.81	5.28
Total		1041.19	

Accordingly, Ministry of power vide letter dated 27.03.2022, has re-allocated 1003.14 MW power to MSEDCL for the period from 27.03.2022 to 15.06.2022 as per details given below:

Sr. No.	Name of NTPC Generating Station	Quantum of Power in MW
1	Gadarwara STPS	155.68
2	NTECL Vallur	86.15
3	Mauda - I STPS	62.5
4	Kudgi STPS	244
5	Solapur STPS	454.81
Total		1003.14

It is submitted that considering the present power scenario and high market/power exchange rates, MSEDCL has started scheduling the re-allocated power from Gadawara, Mauda-I and Solapur, which are approved sources in the MYT order, with effect from 00:00 hours of 28.03.2022. However, in the absence of consent from Southern Region Power Committee, the power from NTECL and Kudgi is not yet scheduled.

MSEDCL will be filling the necessary petition for concurrence of the Hon'ble Commission regarding procurement of said re-allocated power from NTPC stations shortly.

Thanking you,

Yours faithfully,


Chief Engineer (Power Purchase)
MSEDCL

Copy s.w.rs.to:

- 1) The Chairman & Managing Director, MSEDCL, Mumbai
- 2) The Director (Commercial), MSEDCL, Mumbai.

Annexure-A

Unit Outages Status as on						Date:	28-Mar-2022
Units under Planned Outages							
Sr. No.	Utility	Station	Unit No.	Capacity / Share	Date of tripping/ withdrawn	Expected Date of Sync-	Reason
1	NPCIL	TAPS I	1	80	8-Jan-20	31-Mar-23	Refueling
2	NPCIL	TAPS I	2	80	13-Jul-20	4-Jan-24	Repair and re-fueling.
3	NTPC	VSTPS-V	13	167	26-Feb-22	14-Apr-22	AOH
Sub Total				327			
Units under Forced Outages							
Sr. No.	Utility	Station	Unit No.	Capacity / Share	Date of tripping/ withdrawn	Expected Date of Sync-	Reason
1	NTPC	Sipat-I	1	194	30-Oct-21	Uncertain	AOH + Major Generator Issue
2	NTPC	Kahalgaon-II	7	49	26-Feb-22	Uncertain	LP Turbine problem
3	NTPC	Mouda-II	1	274	17-Mar-22	31-Mar-22	hydrogen detected in generator water system
4	NTPC	Khargone	1	48	21-Mar-22	31-Mar-22	leakages in raw makeup water lines
5	NTPC	VSTPS-I	4	74	27-Mar-22	29-Mar-22	BTL
6	NTPC	VSTPS-III	1	142	27-Mar-22	31-Mar-22	BTL
7	IPP	SWPGL	4	80	25-Feb-22	29-Mar-22	Turbine tripping on high vibration
8	IPP	JSW	1	300	16-Mar-22	Uncertain	Turbine shift vibration high protection
9	MSPGCL	Ghatghar	1	125	17-Feb-22	Uncertain	SFC heavy Fault
10	MSPGCL	Ghatghar	2	125	11-Mar-22	Uncertain	SFC heavy Fault
11	MSPGCL	Uran	7	108	25-May-20	Uncertain	Turbine Blade Failure
12	MSPGCL	Parli	6	250	25-Mar-22	Uncertain	BTL
13	MSPGCL	Nashik	4	210	27-Mar-22	29-Mar-22	PA Fan Problem
14	MSPGCL	Chandrapur	6	500	28-Mar-22	31-Mar-22	Turbine vibration
Sub Total				2479			
Units under outage due to Coal/Gas Shortage							
Sr. No.	Utility	Station	Unit No.	Capacity / Share	Date of tripping/ withdrawn	Expected Date of Sync-	Reason
1	NTPC	Kawas Gas	All	198	10-Mar-22	Uncertain	Gas shortage
2	NTPC	Gandhar Gas	All	196	15-Mar-22	Uncertain	Gas shortage
3	IPP	CGPL	20	152		Uncertain	Imported Coal price Issue
4	IPP	CGPL	30	152	15-Mar-22	Uncertain	Imported Coal price Issue
5	IPP	CGPL	50	152		Uncertain	Imported Coal price Issue
6	IPP	CGPL	40	152	21-Nov-21	Uncertain	Imported Coal price Issue
7	IPP	CGPL	10	152		Uncertain	Imported Coal price Issue
8	IPP	RIPL	1	220	4-Mar-22	Uncertain	Coal Shortage
9	MSPGCL	Bhusawal	3	210	20-Mar-22	Uncertain	Coal Shortage
10	MSPGCL	Uran	5	108	26-Mar-22	Uncertain	Gas shortage
Sub Total				1692			
Total				4498			

Annexure-B

Source	Station Name	Coal stock in Days as on 27.03.2022
MSPGCL	Bhusawal U-3:	0.63
	Bhusawal U-4 & 5:	0.72
	Chand'pur U-3 to 9:	2.87
	Kha'Kheda U-1 to 4:	7.13
	Kha'Kheda U-5:	10.83
	Koradi U-6 & 7:	2
	Koradi U-8 to 10:	1
	Nasik U-3 to 5:	1.68
	Paras U-3 & 4:	1.97
	Parli U-6 & 7:	2.07
	Parli U-8:	2.88
IPP	APML, TIRORA :	4
	JSWEL:	19
	RPL (AMT):	2.88
	Sai Wardha	20
	GMR	1

सं. 22-306/3/2022-ओ एम
 भारत सरकार / Government of India
 विद्युत मंत्रालय / Ministry of Power
 Shram Shakti Bhawan, Rafi Marg, New Delhi-110 001

Dated: 29 March, 2022

To
 The Chairperson,
 Central Electricity Authority,
 Sewa Bhawan, R.K. Puram,
 New Delhi-110066

Subject : Re-allocation of 672.99 MW Power to Government of Maharashtra from the power surrendered by various beneficiaries from NTPC power stations.-reg.

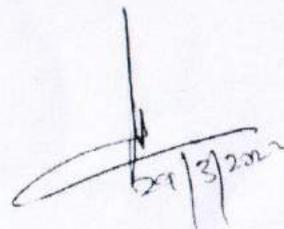
Sir,

On receiving request from Government of Maharashtra, vide this Ministry's allocation order of even number dated 25.03.2022 and subsequent revised allocation order dated 27.03.2022, Government of Maharashtra were allocated 1003.14 MW Power w.e.f. 27.03.2022 to 15.06.2022. This allocation of 1003.14 MW also includes 330.15 MW surrendered by Andhra Pradesh from Kudgi (244 MW) and NTECL-Vallur (86.15 MW) which was further intended to rescind from Long Term PPAs with the above Plants.

2. Now, Government of Andhra Pradesh on 28.03.2022 have requested MoP to withdraw the orders w.r.t. Kudgi and NTECL Vallur and maintain status quo stating the reasons detailed below :

- (i) Andhra Pradesh has been witnessing power deficit for the last 26 days and their DISCOMs are purchasing at high cost to meet 24x7 supply to consumers and agriculture is in the last leg of watering. Further their DISCOMs have resorted to load shedding on some days due to outage of units, unsuccessful bids in certain blocks and deficit arising due to mismatch in wind forecast and actual generation.
- (ii) At present Andhra Pradesh is facing severe power crisis situation due to sudden raise in day-to-day temperatures. In order to meet the increased demand it is purchasing about 50 MU to 60 MU per day from Power Market on daily basis at high costs for providing 24X7 reliable & secure supply to the end users.
- (iii) Moreover, due to drastic change in the demand all through the country, at times Andhra Pradesh is not in a position to get the required quantum of power from Power Markets. Reallocation of power in current high demand season to other states and reverting back the same to original state in low demand season may create immense financial burden on APDISCOMs which are traversing financial crisis.

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(iv) Andhra Pradesh has decided to rescind from the Long Term PPAs pertaining to NTPC – Kudgi & NTECL-Vallur plants but not on temporary basis like the one done vide the reference orders dated 27.03.2022 cited above. Andhra Pradesh is of the view that, the required power planning would be done for long term basis with affordable cost if this high cost power is surrendered permanently.

(v) In these circumstances, the withdrawal of power from NTPC's Kudgi and Vallur power plants would aggravates the power situation in the State Andhra Pradesh leading to power cuts in the State and damage to the standing crops and unrest among the public. Hence, it would not be justified to withdraw power under these circumstances.

(vi) APDISCOMs are not agreeable for temporary reallocation of power to Maharashtra, and hereby confirm their willingness to effect permanent surrender in the long term interest of DISCOMs in optimization of power procurement cost.

3. Now, in supersession to this Ministry's order of even number dated 27.03.2022 (copy enclosed), it is conveyed that 330.15 MW (86.15 MW Power from NTECL Vallur and 244 MW Power from Kudgi STPS) has been retrenched out of the earlier reallocated 1003.14 MW and only 672.99 MW stand reallocated to Government of Maharashtra from the Power Stations of NTPC with immediate effect. This retrenched power of 330.15 MW (86.15 MW Power from NTECL Vallur and 244 MW Power from Kudgi STPS) will be retained by its original beneficiary i.e. Government of Andhra Pradesh. Rest of the terms and conditions indicated in the enclosed order dated 27.03.2022 remain unaltered.

Yours faithfully,

(Raja Ramaswamy)

Under Secretary to Govt. of India
Email: opmonitor-power@nic.in

Encl : As above

1. Chief Engineer (GM), Central Electricity Authority, R.K. Puram, New Delhi-110066
2. Principal Secretary (Energy), Govt. of Maharashtra, Mantralaya, Madam Cama Road, Hutatma Rajguru Square, Nariman Point, Mumbai-400032
3. Secretary (Energy), Govt. of Andhra Pradesh, Energy (Power-I) Department, Andhra Pradesh Secretariat, Amaravati-522238
4. CMD, MSEDCL, Prakashgad, Plot No. G-9, Bandra(E), Mumbai-400051
5. Member Secretary, Western Regional Power Committee (WRPC), F-3, MIDC Area, Marol, Opp. SEEPZ, Central Road, Andheri (East), Mumbai-400093
6. Member Secretary, Southern Regional Power Committee (SRPC), No.-29 Race Course Cross Road, Bangalore-560009
7. ED (Commercial), NTPC Limited, Core-3, Floor-7, Institutional Area, Lodhi Road, New Delhi-110003