

BEFORE THE MAHARASHTRA ELECTRICITY REGULATORY COMMISSION,
MUMBAI

FILING NO:

CASE NO:

IN THE MATTER OF

PETITION TO REGULATE ELECTRICITY PURCHASE AND PROCUREMENT
PROCESS OF DISTRIBUTION LICENCEES INCLUDING THE PRICE AT WHICH
ELECTRICITY SHALL BE PROCURED FROM THE GENERATING COMPANIES OR
LICENCEES OR FROM OTHER SOURCES THROUGH AGREEMENTS FOR
PURCHASE OF POWER FOR DISTRIBUTION AND SUPPLY WITHIN THE STATE

AND

IN THE MATTER OF

REGULATION 44 and 48 OF THE MERC (MULTI YEAR TARIFF) REGULATIONS, 2015
FOR DETERMINATION OF AVAILABILITY OF THERMAL GENERATING STATIONS
AND COMPUTATION AND PAYMENT OF ANNUAL FIXED CHARGES

AND

IN THE MATTER OF

MERC (STANDARDS OF PERFORMANCE OF DISTRIBUTION LICENCEES, PERIOD
FOR GIVING SUPPLY AND DETERMINATION OF COMPENSATION)
REGULATIONS, 2014

AND

IN THE MATTER OF

ORDER IN CASE NO 56 OF 2012 DATED APRIL 11, 2014 REGARDING FBSM AND
RELATED RELIEFS

AND

IN THE MATTER OF

REGULATION 101 OF MERC (MULTI YEAR TARIFF) REGULATIONS, 2015 FOR
POWER TO COMMISSION TO VARY, ALTER, MODIFY OR AMEND ANY
PROVISIONS OF MYT, 2015 REGULATIONS

AND

IN THE MATTER OF

REGULATION 102 OF MERC (MULTI YEAR TARIFF) REGULATIONS, 2015 FOR
POWER TO COMMISSION TO ISSUE GENERAL OR SPECIFIC ORDERS AND MAKE
SUCH PROVISIONS NOT INCONSISTENT WITH THE PROVISIONS OF THE ACT,
AS MAY APPEAR NECESSARY FOR REMOVING THE DIFFICULTY

AND



IN THE MATTER OF

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED,
PRAKASHGAD, BANDRA (EAST), MUMBAI - PETITIONER

Affidavit on behalf of Maharashtra State Electricity Distribution Company Limited.

I, Kavita Kiran Gharat, age 39 years, having my office at MSEDCL, Prakashgad, Plot No.G-9, Anant Kanekar Marg, Bandra (East), Mumbai - 400051, do solemnly affirm and say as follows:

I am the Chief Engineer (Power Purchase) of the Maharashtra State Electricity Distribution Company Limited and duly authorised by the said petitioner to make this affidavit.

The statements made in the enclosed petition under section 86(1)(b) of Electricity Act, 2003 to regulate electricity purchase and procurement process of Distribution Licencees including the price at which electricity shall be procured from the generating companies or licencees or from other sources through agreements for purchase of power for distribution and supply within the state are made considering the information received from the concerned officers of the Company; which is shown to me and I believe it to be true.

I say that there are no proceedings pending in any Court of Law/Tribunal or Arbitrator or any Authority, wherein the Petitioner is a party and issues arising and or/reliefs sought are identical or similar to the issues arising in the matter.

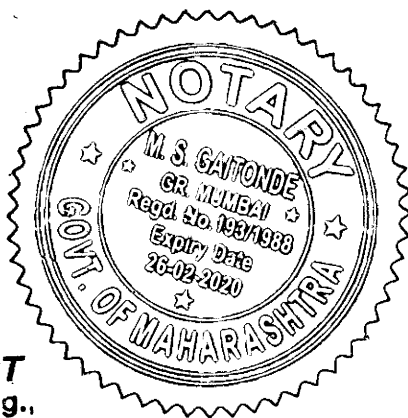
I solemnly affirm at Mumbai on this 6th July, 2017 that, the contents of this affidavit are true to the best of my knowledge, no part of it is false and nothing material has been concealed there from.

Identified By Me



P. K. DUBEY
B.A.L.L.B.

ADVOCATE HIGH COURT
Lawyer's Chamber Bhaskar Bldg.,
2nd Floor, Bandra Court,
Bandra (East), Mumbai - 400 051.

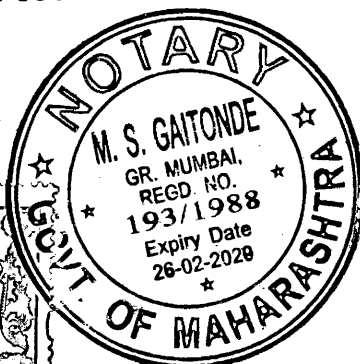
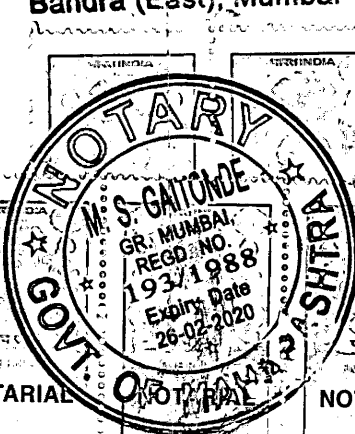


K. Gharat
Chief Engineer (Power Purchase)
Maharashtra State
Electricity Distn. Co. Ltd.,
Prakashgad, 5th Floor, A. K. Marg,
Bandra (East), Mumbai-400 051,
Deponent

BEFORE ME

M. S. Gaitonde
M. S. GAITONDE
B.A.L.L.M
NOTARY
GREATER MUMBAI
GOVT OF MAHARASHTRA
INDIA

NOTED	REGISTER
Sr. No. 1810	6-7-2017



BEFORE THE MAHARASHTRA ELECTRICITY REGULATORY COMMISSION, MUMBAI

FILING NO:

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IN THE MATTER OF

PETITION TO REGULATE ELECTRICITY PURCHASE AND PROCUREMENT PROCESS OF DISTRIBUTION LICENCEES INCLUDING THE PRICE AT WHICH ELECTRICITY SHALL BE PROCURED FROM THE GENERATING COMPANIES OR LICENCEES OR FROM OTHER SOURCES THROUGH AGREEMENTS FOR PURCHASE OF POWER FOR DISTRIBUTION AND SUPPLY WITHIN THE STATE

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REGULATION 102 OF MERC (MULTI YEAR TARIFF) REGULATIONS, 2015 FOR POWER TO COMMISSION TO ISSUE GENERAL OR SPECIFIC ORDERS AND MAKE SUCH PROVISIONS NOT INCONSISTENT WITH THE PROVISIONS OF THE ACT, AS MAY APPEAR NECESSARY FOR REMOVING THE DIFFICULTY

AND



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

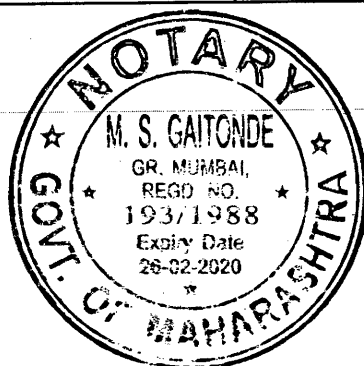
1.1 The Petitioner is a Company constituted under the provisions of Government of Maharashtra, General Resolution No. PLA-1003/C.R.8588/Energy-5 dated 25th January 2005 and is duly registered with the Registrar of Companies, Mumbai on 31st May 2005.

2. MSEDCL's contracted generation capacity (PPAs)

2.1 The state of Maharashtra has the highest base of electricity consumers in India. The MoP, Gol had projected growth in electricity demand of ~8% in Maharashtra in the 16th EPS. In accordance with the EPS projections, MSEDCL had considered ~8% annual growth in demand and planned its capacity addition accordingly to supply continuous power to its consumers.

2.2 On the basis of 16th EPS projected demand data, MSEDCL had planned for capacity addition to meet projected demand. After getting the due approval of MERC, MSEDCL has signed long term power purchase agreement with MSPGCL and Central Sector through MoU route. Also, after following the competitive bidding process as per guidelines of Competitive Bidding issued by the MoP, Govt. of India 19.01.2005 & getting the approval of MERC, MSEDCL has signed long term power purchase agreement with Independent Power Producers. The present status of PPAs with different sources is as under:

Sr. No	Particulars	MSPGCL	Central Sector	IPP	UMPP	Others	Non-Conventional	Total
1	PPA Signed (A)	24,037	5,989	5,465	1,860	991	7,055	45,397
2	Units Withdrawn out of signed PPA (B)	840	0	0	0	0	0	840
3	Effective PPA (C=B-A)	23,197	5,989	5,465	1,860	991	7,055	44,557
4	Effective Available Capacity out of "C"=D	13,627	4,755	4,785	760	491	5,837	30,255
5	Upcoming Project	0	1,234	0	0	0	1,218	2,452
6	Deferred Project (E=C-D)	9,570	0	680	1100	500	0	11,850



2.3 MSEDCL submits that as per Regulation 48 of MERC (Multi Year Tariff Regulations), 2015 regular monthly payments of the contracted capacity charges is being done to MSPGCL generating units. With respect to IPP's, MSEDCL has been making regular payments of capacity charges as per the tariff schedule in the PPA. The payment of the contracted capacity charges is made on the basis of the cumulative capacity charge payable from the first day of the contract year and up to and including the month.

3. PROVISIONS IN REGULATIONS / ORDER FOR COMPUTATION OF AVAILABILITY FROM CONTRACTED GENERATION CAPACITY

3.1 MERC MYT REGULATION 2015

The relevant extracts of the MERC MYT Regulations, 2015 is reproduced below:

Regulation 44, Norms for operation for Thermal Generating Stations

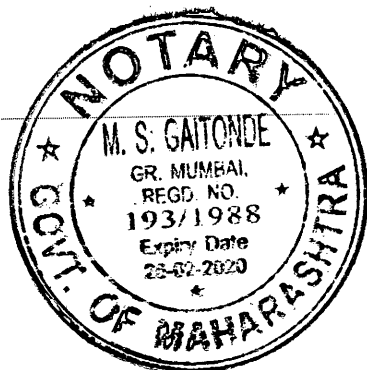
44.1 Target Availability for full recovery of Annual Fixed Charges shall be 85 per cent for all thermal Generating Stations, except those covered under Regulation

44.2 Target Availability for full recovery of Annual Fixed Charges for the following Generating Stations of Maharashtra State Power Generation Company Ltd. (MSPGCL) shall be

Particulars	Target Availability (%)
Koradi TPS	72.00
Khaperkheda TPS	85.00
Chandrapur TPS	80.00
Nashik TPS	80.00
Bhusawal TPS excluding Unit No. 4 and 5	80.00
Parli TPS	85.00
Khaperkheda TPS Unit 5	85.00
Bhusawal Unit 4 and 5	85.00
Koradi TPS Unit 8,9,10 (Order 46 of 2016)	85.00
Chandrapur TPS Unit 8,9(Order 46 of 2016)	85.00
Parli Unit 8(Order 46 of 2016)	85.00

Provided that the Commission may revise the Availability norms for these Generating Stations in case any Renovation and Modernization is undertaken.

.....
Target Availability for full recovery of Annual Fixed Charges shall be 85 per cent for all thermal Generating Stations commissioned after April 1, 2016



Regulation 48, Computation and Payment of Annual Fixed Charges and Energy Charges for Thermal Generating Stations

A. Annual Fixed Charges

48.1 The total Annual Fixed Charges shall be computed based on the norms specified under these Regulations and recovered on monthly basis.

48.2 The full Annual Fixed Charges shall be recoverable at target availability specified in Regulation 44.1 and 44.2, and recovery of Annual Fixed Charges below the level of Target Availability shall be on pro-rata basis:

Provided that at zero availability, no Annual Fixed Charges shall be payable.

48.3 Computation and billing of Annual Fixed Charges shall be on monthly basis in proportion to Contracted Capacity and based on the cumulative Availability achieved with respect to the Target Availability, till the respective month in the Year, subject to adjustment at the end of the year.

.....
3.1.1 As per Regulation 48, of MERC MYT Regulations, 2015, in order to achieve full Annual fixed charges, the generating station/ unit has to achieve 'Target Availability' as specified in Regulation 44 of MERC MYT Regulations, 2015. In case the availability is lower than the target availability, the Annual Fixed Charges shall be reduced proportionately

3.2 INTRODUCTION OF AVAILABILITY BASED TARIFF REGIME AT STATE LEVEL WITHIN MAHARASHTRA AND OTHER RELATED ISSUES (FBSM MECHANISM)

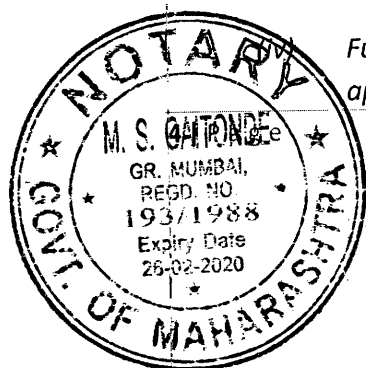
3.2.1 As per the Final Balancing and Settlement Code, 2006, **Clause 7.1,**

The procedure for the scheduling and despatch to be followed by the generators and the distribution licensees/state pool participants & shall be in accordance to the procedure outlined in the "Scheduling and Despatch Code" of the State Grid Code as would approved by the Commission and any modifications/amendments thereto and any such order issued by the Commission from time to time.

Clause 7.9

(iii) *The net UI charges shall be allocated to the State Pool Participants in proportion to their deviation from the 'target drawl schedule' or 'target despatch schedule', as the case may be, corresponding to each trading period. For this purpose, of allocation of net UI cost/incentive, the basis for deriving proportionate share shall be 'aggregate deviation' of each State Pool Participant from its 'target schedule'.*

Further, 'aggregate deviation' of the in-state generators shall also be captured apart from 'aggregate deviation' of State Pool Participants.



- (v) Net UI charges shall be divided into two parts (i) Net UI charges-1: corresponding to 'aggregate deviation' of State Pool Participants, and (ii) Net UI charges-2: corresponding to 'aggregate deviations' of instate generators.
- (vi) Net UI charges-1 shall be allocated amongst the State Pool Participants which have been responsible for the deviations depending on the incidence of the UI cost/incentive i.e. in case, for a particular trading period, if there exists an incidence of UI cost, the same would be allocated amongst the State Pool Participants who have overdrawn compared to their drawal schedule for that trading period. Alternately, for a trading period, if there exists an incidence of UI incentive, the same would be allocated amongst the State Pool Participants who have under-drawn compared to their original drawal schedule for that trading period.
- (vii) Net UI charges-2 shall be allocated only between the Pool Participants whose contracted generators have the same deviation sign (positive or negative) as the Gross UI Cost.

3.2.2 Thus, under the FBSM mechanism, the UI charges have to be borne by the State Pool Participants which includes the DISCOM's. In this context, the State Pool Participants as per paras 3.1 and 3.2 of the intra-State ABT Order dated 17 May, 2007 in Case No 42 of 2006 reads as follows:

"3.1 Maharashtra State Power Pool Participants

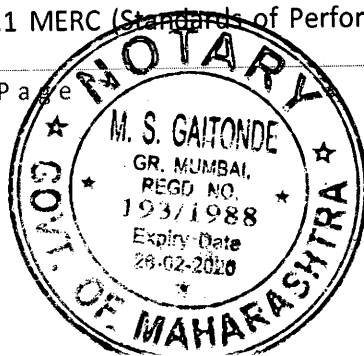
The Maharashtra State Power Pool shall comprise tiered structure for market operations comprising various entities such as Market Participants, State Pool Participants, Market Service Providers and Market Operator as elaborated in the following paragraphs.

Market Participants – The Market Participant shall mean the generating companies, power trading companies, distribution licensees and the open access users and consumers operating within electricity market within Maharashtra. (i.e. Generators, DISCOMs, Traders, OA Users)

State Pool Participants - This shall refer to the Market Participants of Maharashtra Electricity Market who meet the conditions for membership of Pool, subject to fulfilment of qualification criteria or covenants for Pool participation as set out under this Order. Currently, it is envisaged that the distribution licensees and the Transmission open access users (subject to fulfilment of certain qualification criteria or covenants for Pool participation) operating within electricity market of Maharashtra in accordance with the terms and conditions outlined under this Order shall be the State Pool Participants...

3.3. MERC SoP Regulations, 2014 and Penalty mechanism :-

3.3.1 MERC (Standards of Performance of Distribution Licensees, Period for Giving Supply and



Determination of Compensation) Regulations, 2014 provides for compensation to the consumers for the failure of power supply due to various reasons. This mandates MSEDCL to provide continuous quality and reliable supply to the consumers so as to avoid any burden of compensation payable to consumers.

3.3.2 Thus, MSEDCL submits to the Hon'ble Commission that specific performance regulations have been framed for ensuring DISCOM's standards of performance. Penal provisions are also included in performance regulations to penalize DISCOMs in case of performance failure and in order to ensure reliable quality of supply of power to consumers. However, MSEDCL submits that as per the provision in these regulations under Regulation 11, MSEDCL is exempted from failure in generation or transmission network.

4. GENERATION AVAILBILTY AND PROBLEM FACED BY MSEDCL:-

4.1 PROBLEM FACED BY MSEDCL:

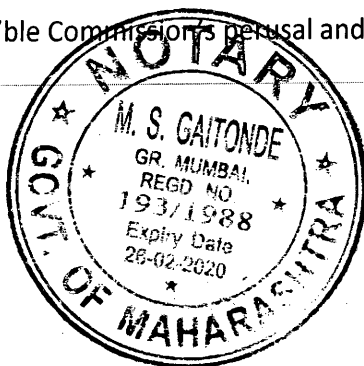
4.1.1 The average demand for MSEDCL from February, 2017 onwards has increased to ~18,000 MW and the average peak demand is ~18,700 MW. On 29th March, 2017, MSEDCL recorded its highest ever demand of 19700 MW due to early and sustained heat wave and rise in Agricultural load because of an availability of water even in April 2017, due to this sustained heat wave and rise in Agriculture load, the load demand has rose and remained in ~18000-19000 MW range. However, due to the failure of the generators to supply power up to the contracted capacities, MSEDCL's total power planning is collapsed in these months.

4.1.2 The situation of lack of adequate power supply from generators got further worsened in the month of April & May, 2017 when the power demand is at its peak. In spite of having contracted more than adequate capacity and being in a power surplus situation, MSEDCL had to procure power from outside the contracted PPA's at a higher cost as & when required and also resort to load shedding for few hours during this period on account of lower availability of thermal power generating units.

4.1.3 MSEDCL submits that due to the shortfall in generation availability, MSEDCL's commitment to provide 24 x7 power to all consumers was questioned. MSEDCL had to face massive criticism of the consumers and public representatives risking the credibility and reputation of MSEDCL.

4.2 AVAIBILITY OF IPP GENERATING STATIONS (APRIL-16- MAY17)

The details of month wise and PPA wise declared capacity of IPPs are given below for Hon'ble Commission's perusal and reference:

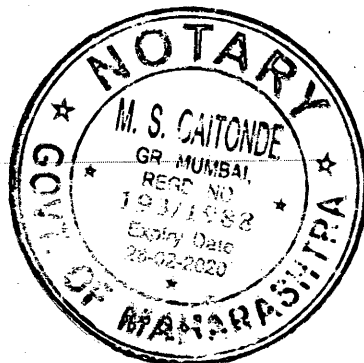


Month	APML				RIPL		JSW	EMCO	CGPL
PPA	1200	125	1320	440	450	750	300	200	796
% availability									
Apr-16	99.72%	99.72%	81.02%		98.56%	98.56%	68.28%	52.44%	63.23%
May-16	66.37%	66.37%	21.11%		97.21%	97.21%	93.88%	35.60%	68.72%
Jun-16	44.81%	44.81%	0.64%		97.61%	97.61%	93.75%	98.44%	56.20%
Jul-16	95.64%	95.64%	97.53%		99.85%	99.85%	96.53%	97.60%	58.80%
Aug-16	97.17%	97.17%	92.04%		100.00%	100.00%	91.42%	94.65%	99.37%
Sep-16	98.25%	98.25%	99.04%		98.65%	98.65%	91.37%	100.00%	96.14%
Oct-16	99.46%	99.46%	99.75%		99.28%	99.28%	96.89%	94.52%	83.58%
Nov-16	77.66%	77.66%	94.57%		98.64%	98.64%	50.21%	89.52%	66.70%
Dec-16	81.90%	81.90%	80.71%		100.00%	100.00%	0.00%	100.00%	81.19%
Jan-17	85.77%	85.77%	81.07%		100.00%	100.00%	0.00%	100.00%	94.91%
Feb-17	89.23%	89.23%	99.15%	95.92%	100.00%	100.00%	63.47%	85.22%	92.94%
Mar-17	93.52%	93.52%	98.60%	94.02%	99.89%	99.89%	87.84%	91.29%	98.41%
Apr-17	66.74%	66.74%	59.38%	66.01%	60.81%	60.81%	73.07%	83.82%	69.46%
May-17	73.93%	73.93%	71.48%	74.49%	55.32%	55.32%	74.99%	85.44%	58.99%

Thus, it can be seen from above that the availability of the generating stations was consistently below 85% i.e. in the range of 59 to 66% in April-17 and 55-75% in May 2017 during the captioned months which adversely impacted the load generation balance.

4.3 Availability from MSPGCL's Newly Commissioned Units

- 4.3.1 From June 2016 onwards, six new Generating units of MSPGCL were commissioned and about ~3230 MW capacity is added to MSEDCL's contracted capacity.
- 4.3.2 As per Regulation 44 of MERC (Multi Year Tariff) Regulation, 2016, Target availability of all the units commissioned after 1.04.2016 is 85%. As per Regulation 48 of MERC (Multi Year Tariff) Regulation, 2016, Licensee has to pay the 100% of the annual capacity charges on achievement of the target availability. However, the availability of these new units has not consistently attained target availability of 85% and has been very unreliable.
- 4.3.3 The instances of tripping of these newly commissioned units is very high, jeopardizing the reliability of power supply to MSEDCL. Apart from this, there have been instances of frequent forced outages. The details of availability of newly commissioned MSPGCL's generating units from CoD and number of tripping up to 31.05.17 can be easily taken from SLDC. However, as per data available with MSEDCL, the availability of new MSPGCL units are as below:



Availability of Newly COD units up to 31.05.2017

Unit Name	Capacity (MW)	Date of COD	Total Nos of Days to be available from Date of COD(excluding Zero Schedule & Planned Outages)	Net Availability (No of Days (excluding Zero Schedule & Planned Outages))	% Availability	No of Trippings (excluding Zero Schedule & Planned Outages)
1	2	3	4	5	6=5/4	7
Chandrapur Unit 9	500	22-Nov-16	191.0	154.65	81.0%	27
Chandrapur Unit-8	500	4-Jun-16	362.0	339.88	93.9%	37
Koradi Unit 10	660	17-Jan-17	135.0	46.96	34.8%	16
Koradi Unit 9	660	24-Nov-16	189.0	175.07	92.6%	15
Koradi Unit-8	660	16-Dec-15	375.3	336.62	89.7%	28
Parli Unit 8	250	19-Nov-16	194.0	33.83	17.4%	27

4.3.4 The above table shows that Parli Unit 8 & Koradi Unit 10 are available for a meager ~17% and ~35% of time since CoD. Further, during the period when these units were available on bar, the trippings were very high and power available was of infirm nature. In a specific instance, the thermal power availability from MSPGCL was 7,789 MW on 14.04.2017 and within a span of 4 days i.e. on 18.04.2017, the availability reduced to 5800 MW which is more than 25% reduction in availability of power station.

4.3.5 Further, MSEDCL submits that most of the newly commissioned units are of high capacity i.e. 500 MW and 660 MW and tripping of such high power generating units creates a vacuum in power supply during real time of operations which severely impedes the power supply position of MSEDCL and in such scenarios MSEDCL is left out with the option of excess utilization of Koyna generation or to implement emergency load shedding.

5. Follow up done with the Generators by MSEDCL for increasing availability:-

5.1. In view of high and rising demand scenario, MSEDCL proactively intimated all the generators for supplying the power up to 100% of contracted capacity. MSEDCL had written letters to MSPGCL, APML and RIPL for supply of power up to the contracted capacity. The details of such communication are annexed as **Annexure I** for Hon'ble Commission's kind perusal and reference.

5.2 MSEDCL had communicated to MSPGCL vide letters dtd. 08.09.2016 , dtd. 28.09.2016, dtd. 17.11.2016, dtd. 27.12.2016, dtd.17.01.2017 dtd.19.04.2017 to provide 100% availability of generating stations and to provide stable thermal generation.

MSEDCL had communicated to APML vide letters dtd:18.01.2017, dtd:13.02.2017,

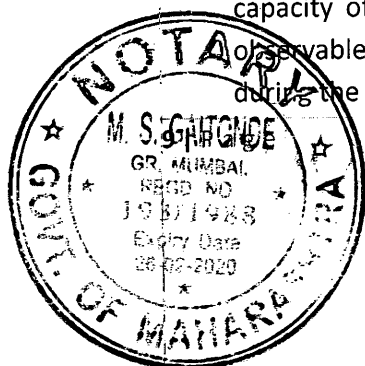


dtd:05.04.2017, dtd:19.04.2017, dtd:26.04.2017, dtd:28.04.2017 to provide 100% availability of generating stations i.e. for total quantum of 3065 MW on account of increase in the demand during the summer season. M/s APML consented to MSEDCL's communication vide letter dated: 12.05.2017. However, MSEDCL submits that from the date of request and till date, M/s APML failed to provide 100 % power to the contracted capacity.

- 5.4 MSEDCL had communicated to RIPL vide ltr.15.04.2017, ltr. 19.04.2017, ltr.29.04.2017 and vide several E- mails, to provide 100% availability of generating stations i.e. for total quantum of 1200 MW on account of increase in the demand during the summer season. M/s RIPL consented to MSEDCL's communication vide letter dated: 04.05.2017. However, MSEDCL submits that, M/s RIPL failed to provide 100 % power to the contracted capacity.
- 5.5 In order to address the demand supply imbalance during April & May 2017 months, MSEDCL has been continuously following up with generators like MSPGCL, APML and RIPL for scheduling the full power against the contracted capacity. In spite of repeated communication and follow up with the generators the availability has not improved. The generating stations are not consistently available on the monthly basis to meet the increasing power demand situation in MSEDCL license area.

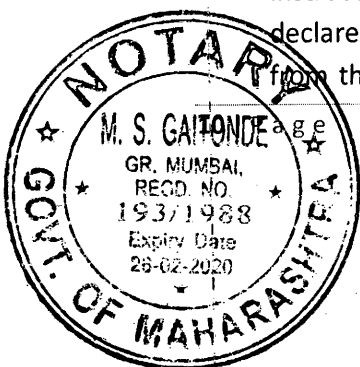
6. INADEQUATE PROVISIONS IN EXISTING REGULATIONS/ ORDERS

- 6.1 MSEDCL submits that MERC MYT Regulations, 2015, Regulation 48 provides for two types of billing elements, namely one is monthly in nature i.e. energy charges which is based on the price and GCV of fuel related to the month and the other being annual in nature i.e. the capacity charges. The capacity charges are yearly in Rs./ year which are adjusted based on annual availability of the generating station. The capacity charges payable for a particular month in a year are determined on the basis of plant availability achieved cumulatively up to the said month.
- 6.2 As per the above provision for recovery of capacity charges, MSEDCL contends that since the target availability of 85% is calculated on an annual basis and monthly capacity charges are payable based on cumulative plant availability up to the month, a generator has the flexibility to adjust the lower generation in a particular month with excess generation in subsequent months to achieve the annual target generation. This flexibility ensures that generator can provide for lower availability than the target availability of 85% during few months of the year but still can recover annual fixed cost by proportionately increasing the availability during balance months of the year.
- 6.3 In this context, MSEDCL has provided the details of month wise and PPA wise declared capacity of IPP generators for Hon'ble Commission's perusal and reference. It is easily observable that the declared capacity i.e. availability of the generation stations/units during the off bar duration is more @100% than the actual when the units are on bar. Due



to seasonal demand variation especially in the 4 months of monsoon, the demand of MSEDCL during the monsoon time is at its lowest. This results in zero schedules for the high variable cost of the thermal generating units. However, as seen above, thermal generators declare 100 % availability of zero scheduled units. As per Regulation 44 and Regulation 48, the target availability of 85% is calculated on an annual basis and monthly capacity charges are payable based on cumulative plant availability up to the month, these 4 months of monsoon season provides a window to the thermal generator to match the target availability which was reduced during the rest of the months. This points out to a serious manipulation of the regulation by the generators to their own advantage.

- 6.4 MSEDCL submits that such an activity to match the target availability has severe financial implications on MSEDCL. MSEDCL has to pay full capacity charges as the unit achieves Target Generation (theoretically). However, in reality MSEDCL doesn't get the power for the actual contracted capacity and furthermore has to procure the additional power to meet out the shortfall in demand.
- 6.5 MSEDCL submits that the current regulation whereby the availability is computed on a month wise cumulative basis is resulting in excess payment of proportionate fixed charges for the months when the availability of the generating stations is below the target availability. Hence, MSEDCL submits to the Hon'ble Commission that it may amend the regulation 48.3 of the MERC MYT Regulation, 2016 in order to arrest the activity of manipulating the availability of the generating station by the generators. A suitable amendment in regulation 48.3 of the MERC MYT Regulations, 2016 and in relevant schedule in the PPA to regulate the availability of the generating station is essential for the purpose of ensuring prudent power supply planning and reliable and quality power supply to consumers.
- 6.6 Also, the introduction of Availability Based Tariff Regime at state level within Maharashtra and other related issues (FBSM MECHANISM Code, 2006,)ABT Order makes a distinction between Market Participants and State pool participants(SPPs). While SPPs are also Market Participants, not all Market Participants are SPPs. The generators are not included as the State Pool Participants under the UI mechanism. Thus, any penalties pertaining to the UI mechanism are currently levied up on the DISCOM. Thus, MSEDCL has to pay penalties under the UI mechanism for the lower availability of the thermal generating stations which is clearly not a fault of MSEDCL. Such unilateral regulations have financial implications since deviation of one utility is sometime caused due to the actions of other utility/ utilities.
- 6.7 MSEDCL further submits that in real time operation as per the power demand scenario, the generation units are ramp up or ramp down by following the MoD as per the instructions of MSLDC in the state. It is pertinent to mentioned that in spite of the specific instructions issued by MSLDC, the generation units are not ramp up or down at the declared Ramp up/down rates. Due to this, MSEDCL is compelled to overdraw the power from the system. In real time; such overdrawl/underdrawl attracts the higher charges as



well as penalty only because of non-performance of the Generator/s. There is no such provision in present regulations to pass on such penalty or additional charges paid to the defaulting generator.

6.8 Thus, MSEDCL submits to the Hon'ble Commission that the captioned regulations be amended to include generators as State Pool Participants in the ABT mechanism so that any penalty that accrues on account default by the generators is not passed on to DISCOM and its consumers. This will also ensure that generators declare sufficient availability and follow the generation schedule reducing the deviations.

6.9 Hence, in view of above, it is imperative that the Hon'ble Commission may provide suitable mechanism through regulations for performance standard to generation and transmission companies.

7. Functions of the State Commission

7.1 The Petitioner submits that the Hon'ble commission has the powers to the matter under the section 86 (1) in the larger interest of the various stakeholders.

Section 86 Functions of State Commission

86. (1) The State Commission shall discharge the following functions, namely: -

(a)

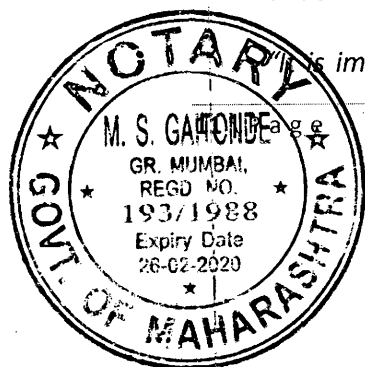
(b) *regulate electricity purchase and procurement process of distribution licensees including the price at which electricity shall be procured from the generating companies or licensees or from other sources through agreements for purchase of power for distribution and supply within the State;*

.....

7.2 MSEDCL submits that with respect to Regulation 86(1)(b) of the Electricity Act, 2003, the Hon'ble Commission has the powers to regulate the power purchase and procurement process of the DISCOM's. In light of the captioned regulations, MSEDCL submits to the Hon'ble Commission to provide suitable amendment to the concept of availability of thermal generating stations in order to ensure that there is consistency in the monthly availability of thermal generating stations. This will go a long way in ensuring robust power planning procedures and providing reliable quality of power supply.

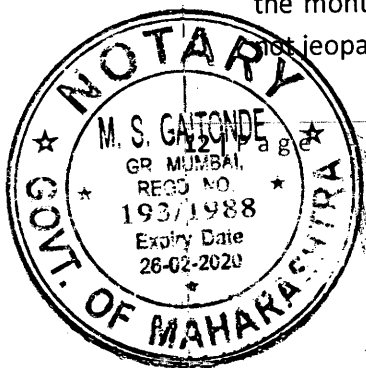
7.3 In the recent Supreme Court Order in Civil Appeal No. 5399-5400, 5347, 5348, 5346, 5364 of 2016 in the matter of judgment in APTEL Order dated April 7, 2016, Supreme Court has provided the clarification on the adjudicatory powers of the Appropriate Commission as under:

It is important to note that the regulatory powers of the Central Commission, so far as



tariff is concerned, are specifically mentioned in Section 79(1). This regulatory power is a general one, and it is very difficult to state that when the Commission adopts tariff under Section 63, it functions de hors its general regulatory power under Section 79(1)(b). For one thing, such regulation takes place under the Central Government's guidelines. For another, in a situation where there are no guidelines or in a situation which is not covered by the guidelines, can it be said that the Commission's power to "regulate" tariff is completely done away with? According to us, this is not a correct way of reading the aforesaid statutory provisions. The first rule of statutory interpretation is that the statute must be read as a whole. As a concomitant of that rule, it is also clear that all the discordant notes struck by the various Sections must be harmonized. Considering the fact that the non-obstante clause advisedly restricts itself to Section 62, we see no good reason to put Section 79 out of the way altogether. The reason why Section 62 alone has been put out of the way is that determination of tariff can take place in one of two ways – either under Section 62, where the Commission itself determines the tariff in accordance with the provisions of the Act, (after laying down the terms and conditions for determination of tariff mentioned in Section 61) or under Section 63 where the Commission adopts tariff that is already determined by a transparent process of bidding. In either case, the general regulatory power of the Commission under Section 79(1)(b) is the source of the power to regulate, which includes the power to determine or adopt tariff. In fact, Sections 62 and 63 deal with "determination" of tariff, which is part of "regulating" tariff. Whereas "determining" tariff for inter-State transmission of electricity is dealt with by Section 79(1)(d), Section 79(1)(b) is a wider source of power to "regulate" tariff. It is clear that in a situation where the guidelines issued by the Central Government under Section 63 cover the situation, the Central Commission is bound by those guidelines and must exercise its regulatory functions, albeit under Section 79(1)(b), only in accordance with those guidelines. As has been stated above, it is only in a situation where there are no guidelines framed at all or where the guidelines do not deal with a given situation that the Commission's general regulatory powers under Section 79(1)(b) can then be used."

- 7.4 Thus, as per Supreme court clarification, the regulatory powers of the Central Commission under section 79(1) being general, the adoption of tariff under Section 63 could not be de hors Section 79(1)(b) of Electricity Act, 2003. It was held that the non-obstante clause in Section 63 being limited to Section 62, the general powers of the Central Commission to "regulate" tariff under Section 79(1)(b) were not excluded. Thus, MSEDCL submits that that with respect to IPPs with whom the PPA's were signed and the tariff was adopted under Section 63 of the Electricity Act, 2003, the powers of Hon'ble Commission under Section 86 of the Electricity Act, 2003 are general powers and cannot be excluded. Thus, MSEDCL submits to the Hon'ble Commission to exercise its general power under Section 86 of the Electricity Act, 2003 for the purpose of the making suitable amendments in the PPA for availability of the generating stations in order to ensure that there is consistency in the monthly availability of the generating stations and the power planning of MSEDCL is not jeopardized.



8. Powers to Amend:-

8.1 The Petitioner submits that the Hon'ble commission has the powers to issue regulations in the subject matter under the section 101 and 102 of the MERC (Multi Year Tariff) Regulations, 2015 in the larger interest of the various stakeholders in the system.

101. Power to amend—

The Commission may, at any time, vary, alter, modify or amend any provisions of these Regulations.

102. Power to remove difficulties—

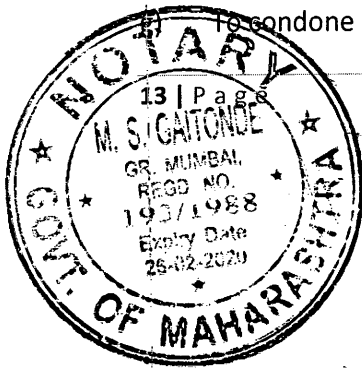
If any difficulty arises in giving effect to the provisions of these Regulations, the Commission may, by general or specific order, make such provisions not inconsistent with the provisions of the Act, as may appear to be necessary for removing the difficulty.

8.2 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. Prayers

The Petitioner therefore, based on the submissions made in the foregoing paragraphs, most respectfully prays to the Hon'ble Commission:

- a) To admit the Petition as per the provisions of various regulations mentioned in the petitions.
- b) To make suitable amendment to Section 44 and 48 of the MERC (Multi Year Tariff) Regulations, 2016 to ensure consistent monthly availability of the thermal generating stations for the purpose of ensuring prudent power supply planning and reliable and quality power supply to consumers in the light of grievances mentioned in this Petition;
- c) To make suitable amendment to Intra State ABT Order and FBSM Code to include generators as State Pool Participant in order that any charges/ losses pertaining to deviations by the generator is borne by the generator;
- d) To make suitable amendments in MERC (Standards of Performance) Regulations, 2014 or frame separate regulations for standard of performance for generation and transmission companies.
- e) To consider the submission made by the Petitioner and consider the same positively;
- f) To pass any other order/relief as the Hon'ble Commission may deem fit and appropriate under the circumstances of the case and in the interest of justice;
- g) To condone any error/omission and to give opportunity to rectify the same;

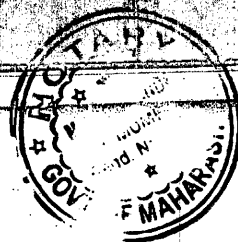


- h) To permit the Petitioner to make further submissions, addition and alteration to this Petition as may be necessary from time to time.

Shame

Chief Engineer (Power Purchase)





ANNEXURE-I

MAHAVITARAN
Maharashtra State Electricity Distribution Co. Ltd.
(A Govt. of Maharashtra Undertaking)
CIN : U40109MHZ0055GC153645

Date:- 29.04.2017

Ref:- ED/Comm/RIPL/ No 10024

To,
Shri. Sammer Darji (Vice President)
M/s. Ratap India Power Limited,
5th Floor, Tower B, Worldmark 1,
Arerocity, New Delhi-1100037

Sub: Availability of Contracted capacity power from RIPL Amravati plant / alternate source arrangement thereof

Ref:- 1. ED/Comm/RPL/8936 dated 19.04.2017
2. CE/PP/RIPL/8526 dtd. 15.04.2017

Dear Sir,

Further to our letter dated 19.04.2017 and in spite of continuous follow up being done by MSEDCL, still there is no much improvement in availability of generation from M/s RIPL Amravati plant. Because of non availability of contracted power from M/s RIPL, MSEDCL has to purchase the contracted power from power exchanges/ other sources and also to implement forced load shedding to consumers.

Please note that under said PPA, there is a provision of power supply from alternate source and M/s RIPL can make alternate arrangement for supply of power to MSEDCL if unable to provide supply of power from Amravati plant.

In view of the above, it is once again requested to make available full contracted capacity power on bar immediately or otherwise supply power from the alternate source as per the provisions of PPA. Your early action in this matter is solicited.

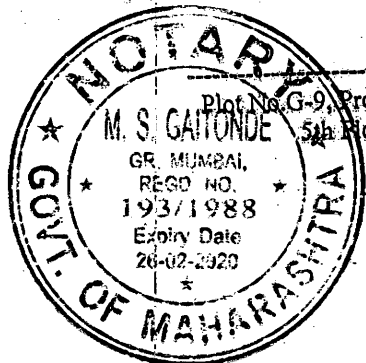
Yours faithfully,

(Satish Chavan)

Executive Director (Commercial), MSEDCL

Copy to:-

1. OSD to CMD, MSEDCL, HO, Mumbai
2. Chief Engineer (SLDC), MSEDCL, Kaiwa
3. Chief Engineer (LM), MSEDCL, HO, Mumbai
4. Chief Engineer (PP), MSEDCL, HO, Mumbai



Plot No. G-9, Prof. Anant Kanekar Marg, "Prakashgad", Office of the Executive Director (Commercial),
5th Floor, Bandra (East), Mumbai - 400 051, Tel: 022-26474211(O)/ 26478747(P),
Email: -edcomm@mahadiscom.in, edcommho@gmail.com



Ref:- PP/CMD/MSEDCL/ 08934

Date:- 19.04.2017

To,

Shri. B.R. Reddy
The Chairman & Managing Director
South Eastern Coalfields Limited,
Seepat Road, Bilaspur,
Chhattisgarh

Sub:- Release of coal to M/s RattanIndia Power Limited (RPL) 5 x 270 MW station at Amravati under 2.747 MTPA FSA from SECL

MSEDCL has signed long term PPA under Case 1 Stage II bidding process with M/s RPL's 5 x 270 MW Units at Amravati and subsequently, Coal India Limited has given linkage of 2,747 MTPA from SECL. M/s RPL's 5 x 270 MW units power is scheduled by Maharashtra State Load Despatch Center (MSLDC) as per MOD (Merit Order dispatch) principle. In FY 16-17, RPL's set was not falling in MOD most of the time and hence, power was not scheduled from these units and accordingly, coal upliftment of M/s RPL has gone below 30%. Now, MSEDCL's demand is peaked up and power from RPL has been scheduled from 27.03.2017. However in April 2017 month, the coal is not being released by SECL to RPL on account of that RPL has not lifted coal above 30% of FSA in FY 16-17. Presently, RPL is generating around 550 to 600 MW power against 1200 MW PPA with MSEDCL because of non availability of coal.

MSEDCL is in dire need of power from RPL, Amravati unit due to increased demand for April & May 2017 months as MSEDCL is also supplying power to UP state and hence, it is requested to release the full coal to M/s RPL as per FSA.

Thanking You,

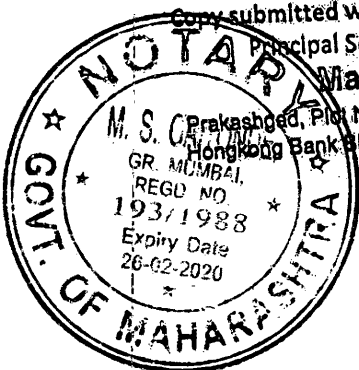
Yours Sincerely

Sanjay Kumar
Chairman & Managing Director
MSEDCL

Copy submitted with respect to:-

Principal Secretary (Energy), Government of Maharashtra, Mantralaya, Mumbai
Maharashtra State Electricity Distribution Co. Ltd.

Prakashgad, Plot No. G-9, Bandra (E), Mumbai - 400 051 ☎ (P) 26474644 (O) 26474211, Fax: 26478872
Hongkong Bank Bldg., M.G. Road, Fort, Mumbai - 400 001 ☎ (P) 22619499 (O) 22619100 Fax : 22650741
E-mail: md@mahadiscom.in + Website : www.mahadiscom.in





(A Govt. of Maharashtra Undertaking)
CIN : U40109MH2005SGC153645

Ref:- ED/Comm/RPL/8936

Date:- 19.04.2017

To,
Shri. Sameer Darji (Vice President)
M/s. RatanIndia Power Limited
5th Floor, Tower – B, Worldmark 1,
Aerocity, New Delhi- 110037.

Sub: Providing of continuous power supply of Contracted capacity from RPL Amravati plant & maintaining the adequate coal stock thereof.

Ref.:- CE/PP/RIPL/ 8526 dtd:15.04.2017

Dear Sir,

In April 2017, MSEDCL's peak demand has reached to its all time high to @19800 MW and the daily average demand is @ 18000 MW. Looking to present power scenario, the MSEDCL's demand will remain in the same trajectory till monsoon.

MSEDCL is having 1200 MW Contracted Capacity PPA with RPL Amravati plant and as per the PPA, RPL is bound to provide the continuous power as per demand / requirement of MSEDCL. MSEDCL vide its various correspondences/ communications has already informed to RPL in this regard. Further, it is pertinent to mention here that as per the CEA guidelines and as prudent practices Generator has to maintain the coal stock for atleast 20 days generation of contracted capacity.

However, it is unfortunate to mention here that although all contract obligation of payments are being fulfilled by MSEDCL, RPL generation is in the range of 350 to 550 MW against contracted 1200 MW citing the reason of shortage of coal. Due to the failure of RPL to supply the contracted power, MSEDCL is being forced to purchase the costly power from power exchanges/ other sources & also to implement forced load shedding to consumers.

Hence, it is hereby requested to look into the matter & ensure that sufficient coal stock is available to meet the contracted demand of MSEDCL as per PPA.

Thanking you.

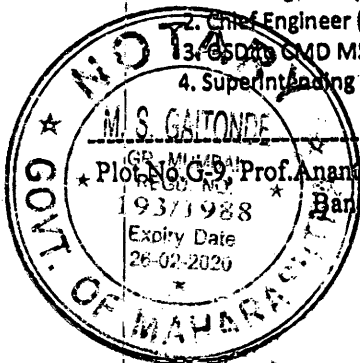
Yours faithfully,


(Satish Ghavan)

Executive Director (Commercial)

Copy to:-

1. Chief Engineer (SLDC), Kalwa
2. Chief Engineer (PP), MSEDCL, Mumbai
3. Chief Engineer (CMD), MSEDCL, HO, Mumbai
4. Superintending Engineer (LM), Kalwa



* Plot No. G-9, Prof. Anant Kanekar Marg, "Prakashgad", Office of the Executive Director (Commercial), 5th Floor, Bandra (East), Mumbai – 400 051, Tel: 022-26474211(O)/ 26478747(P),
Email: -edcomm@mahadiscom.in, edcommho@gmail.com

MAHAVITARAN
Maharashtra State Electricity Distribution Co. Ltd.

(A Govt. of Maharashtra Undertaking)
CIN : U40109MH2005SGC153645

Ref:- ED/Comm/RPL/8936

Date:- 19.04.2017

To,
Shri. Sameer Darji (Vice President)
M/s. RatanIndia Power Limited
5th Floor, Tower - B, Worldmark 1,
Aerocity, New Delhi- 110037.

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Hence, it is hereby requested to look into the matter & ensure that sufficient coal stock is available to meet the contracted demand of MSEDCL as per PPA.

Thanking you.

Yours faithfully,

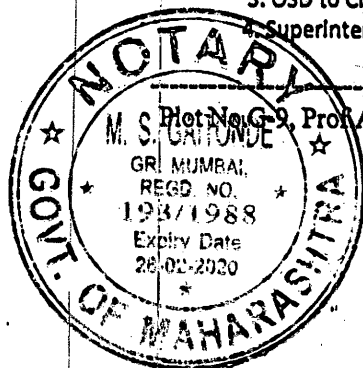

(Satish Ghavan)

Executive Director (Commercial)

Copy to:-

1. Chief Engineer (SLDC), Kalwa
2. Chief Engineer (PP), MSEDCL, Mumbai
3. OSD to CMD MSEDCL, HO, Mumbai
4. Superintending Engineer (LM), Kalwa

Plot No. G-9, Prof. Anant Kanekar Marg, "Prakashgad", Office of the Executive Director (Commercial), 5th Floor,
Bandra (East), Mumbai - 400 051, Tel: 022-26474211(O)/ 26478747(P),
Email: -edcomm@mahadiscom.in, edcommho@gmail.com





Prakashgad, Plot No.G-9, Bandra (East), Mumbai - 400 051 (O) 26474211 / 26472131, Fax- 26580645 Website:
www.mahadiscom.in

REF: CE/PP/RIPL/ 8526

Date: 15/4/2017

To,
M/s. RatanIndia Power Limited
5th Floor, Tower - B,
Worldmark 1,
Aerocity,
New Delhi- 110037.

Sub: Regarding availability of power from all Units of M/s. RattanIndia Power Limited (M/s. RIPL).

Dear Sir,

It is to bring to your notice that due to MSEDCL's demand requirement, M/s. RIPL units are taken on bar. However, it is observed that Units are running on technical minimum citing reason of coal shortage. Today, i.e. on 15.04.2017, Unit 4 and 5 are withdrawn due to delay in coal rack arrival as per your mail dated 14.04.2017 to Superintending Engineer (LM), Kalwa.

In present scenario, MSEDCL needs total contracted capacity of 1200MW M/s RIPL.

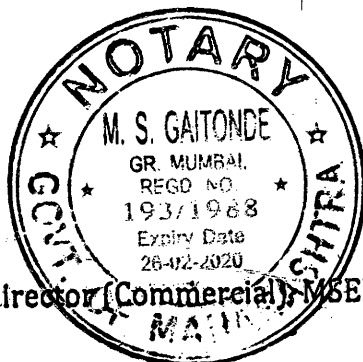
Hence it is requested to keep all the Units of Amravati Thermal Power Plant in running conditions.

Also it is requested to submit coal data/stock schedule and availability on daily basis to this office.

Thanking you.

Yours faithfully,

K. Parat
Chief Engineer
(Power Purchase)
MSEDCL



Copy s.w.r.to
The Executive Director (Commercial), MSEDCL.



MAHAVITARAN

Ref:- PP/CMD/MSEDCL/ **08932**

Date:- 19.04.2017

To,
The Principle Secretary (Energy)
Department of Industrial, Labor and Energy,
Govt. of Maharashtra, Mantralaya, Mumbai

Sub: - Frequent tripping and unreliable power supply from MSPGCL thermal units.

MSPGCL thermal generation is the major source of availability of power to MSEDCL to meet consumer's demand. However, in recent past, after declaring COD of newly commissioned generation units, the availability from MSPGCL has been very unreliable. I have spoken to Director (Operations) of MSPGCL on this issue many times.

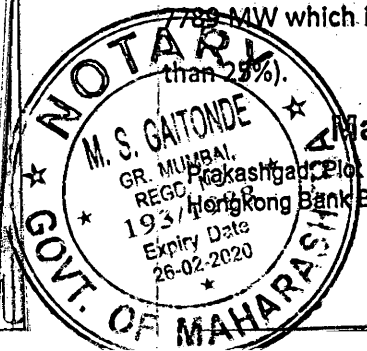
The availability of recently commissioned units is very poor and whenever units are available, unscheduled tripping has been a cause of concern. The details are given below:

Unit Name	COD date	Total No. of days to be available from COD	Availability (No. of Days)	% Availability	No. of Tripping
Parli - 08 (250 MW)	19.11.2016	127	23	18.11%	8
Koradi - 10(660 MW)	17.01.2017	69	14	20.29%	3
Koradi - 09(660 MW)	22.11.2016	123	38	30.89%	84
Chandrapur - 09(500 MW)	24.11.2016	124	98	79.03%	21
Chandrapur - 08(500 MW)	04.06.2016	295	234	79.32%	34

Above table shows that Koradi units are not even available for more than 30% days since COD and even when available, trippings are so frequent that this power can hardly be used to supply stable power. On dated 14.04.2017, the thermal generation availability from MSPGCL was 7789 MW which is reduced to 5800 MW on 18.04.2017, a variation of 2000 MW in 4 days (more than 25%).

Maharashtra State Electricity Distribution Co. Ltd.

REGD. OFFICE: Plot No. G-9, Bandra (E), Mumbai - 400 051 ☎ (P) 26474644 (O) 26474211, Fax: 26478872
Hongkong Bank Bldg., M.G. Road, Fort, Mumbai - 400 001 ☎ (P) 22619499 (O) 22619100 Fax: 22650741
E-mail: md@mahadiscom.in • Website: www.mahadiscom.in



From above data, It is very clear that although the above units have declared their COD, power injection from these units is still infirm nature only. Also, these units are not running to their full capacity. MSEDCL has Informed to MSPGCL from time to time regarding unreliable thermal generation from MSPGCL and its problem on MSEDCL.

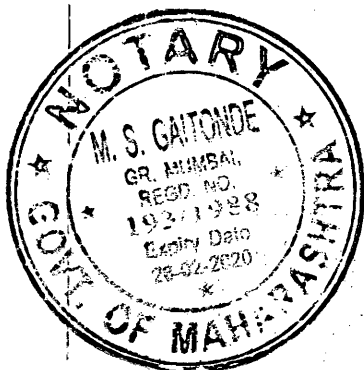
In addition to this, In April 2017 MSEDCL's peak demand has reached to its all time high to @19800 MW and the daily average demand is @ 18000 MW. Looking to present power scenario, the MSEDCL's demand will remain in the same trajectory till monsoon.

Uncertainty in generation of MSPGCL has paralyzed the power planning of MSEDCL and forcing us to mandatorily scheduling of the costly power from other units, forcing power purchase from market and drastic increase in Koyna Hydro utilization. Also, in real time operations, sometime the situation is beyond the control and MSEDCL has to implement load shedding to consumers in spite of having so much PPAs.

In view of above, It is necessary to take up the issue to MSPGCL on urgent basis for supplying reliable power to MSEDCL.

Yours

Sauji Kumar
Chairman and Managing Director
MSEDCL





Power Purchase Section, 5th Floor, "Prakashgad", Bandra (East), Mumbai -400051
Tel. : 26472131, 26474211 Fax : (022) 26580645 Website: www.mahadiscom.in

Ref: ED-I/27767

Date: 08-09-2016

To,
M/s. Adani House, Nr Mithakhali Circle,
Navrangpura,
Ahmednabad 380 009,
Gujarat, India.

Sub :- Ensuring 100% availability of unit-I to V under PPA with the MSEDCL during the period of Sep-2016 to Dec-2016.

Ref :- 1. PPA 1320 MW dated 14.08.2008, 1200 MW dated 21.03.2010 & 125 MW dated 09.08.2010
2. Directives from GoM in Hon'ble Chief Minister meeting dated 06.09.2016.
3. ED-I/27651 dated 07.04.2016.

With reference to the subject matter and as you know that this year there has been a good rainfall in months of July and part of August. However, there is dry spell prevailing in many parts of the State for last 2-3 weeks. GoM is concerned about this issue and considering the availability of water and power, directed to increase availability of supply to Agricultural Consumers. Accordingly MSEDCL has increased the supply availability to Ag consumer from the present 8 to 10 hours to 12 hour in a day from 08.09.2016.

In view of this you are requested to keep your generator unit-I to V under 1320 MW, 1200 MW & 125 MW PPA with MSEDCL 100% available for next 3 month so that MSEDCL will be able to meet this enhance demand.

Your line of confirmation will be helpful to MSEDCL to plan load management.
Thanking You,

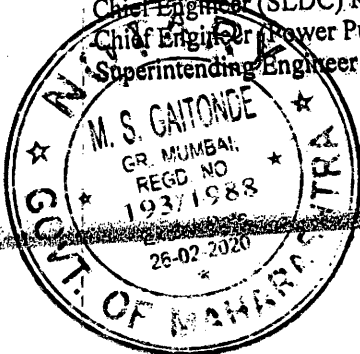
Your Sincerely,

Executive Director (Comm)

Copy swr to :
Director (Operation), MSEDCL.
Director (Operation), MSPGCL.
Director (Operation), MSETCL

Copy f.w.c to :
OSD to MD, MSEDCL.

Copy to :
Chief Engineer (SLDC) Kalwa.
Chief Engineer (Power Purchase)
Superintending Engineer (Load Management)





Power Purchase Section, 5th Floor, "Prakashgad", Bandra (East), Mumbai -400051
Tel. : 26472131, 26474211 Fax : (022) 26580645 Website: www.mahadiscom.in

Ref: ED-I/ 27768

Date: 08-09-2016

To,

Chief Engineer (Generation work)
Mahagenco, 3rd floor,
Prakashgad, Bandra-52.

Sub :- Ensuring 100% availability of units under PPA with the MSEDCL during the period of Sep-2016 to Dec-2016.

Ref :- 1. PPA dated 01.04.2009 with addendum dated 24.12.2010 and 17.04.2013.
2. Directives from GoM in Hon'ble Chief Minister meeting dated 06.09.2016.
3. ED-I/27651 dated 07.04.2016.

With reference to the subject matter and as you know that this year there has been a good rainfall in months of July and part of August. However, there is dry spell prevailing in many parts of the State for last 2-3 weeks. GoM is concerned about this issue and considering the availability of water and power, directed to increase availability of supply to Agricultural Consumers. Accordingly MSEDCL has increased the supply availability to Ag consumer from the present 8 to 10 hours to 12 hour in a day from 08.09.2016.

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Your line of confirmation will be helpful to MSEDCL to plan load management.
Thanking You,

Your Sincerely,

Executive Director (Comm)

Copy swr to :

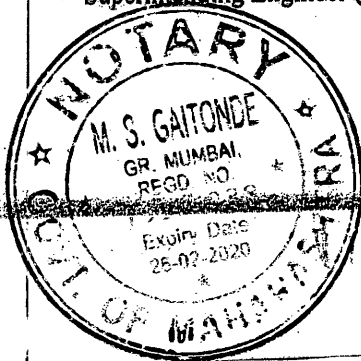
Director (Operation), MSEDCL.
Director (Operation), MSPGCL.
Director (Operation), MSETCL

Copy f.w.c to :

OSD to MD, MSEDCL.

Copy to :

Chief Engineer (SLDC) Kalwa.
Chief Engineer (Power Purchase)
Superintending Engineer (Load Management)





(A Govt. of Maharashtra Undertaking)
CIN: U40109MH2005SGC153548

Maharashtra State Electricity Distribution Co. Ltd.
Office of the Chief Engineer (Power Purchase)

Prakashgad, 5th Floor, Station Road, Bandra (E), Mumbai - 400 051.
Tel.: (P) 26580645; (O) 26474243; Fax: (022) 2658 0668
Email: cepp@mahadiscom.in; Website: www.mahadiscom.com

Date: 09-05-17

No. GE/PP/GEL/10706

To,
M/s. Coastal Gujrat Power Limited.
C/o Tata Power Company Limited.
Corporate Centre, 34, Sant Tukaram Road,
Carnac Bunder, Mumbai. 400009

Sub: Power supply to the full contracted capacity under 4000 MW PPA with MSEDCL.

Dear Sir,

This year till April 2017, MSEDCL's peak demand has reached to its all time high to @19800 MW and the present daily average demand is @ 18000-18500 MW. Looking to this power scenario, the MSEDCL's demand will remain in the same trajectory for the balance months till monsoon.

MSEDCL is having PPA for 4000 MW with MSEDCL share of 760 MW with M/s CGPL. As per the PPA, it is expected that M/s CGPL to provide the continuous power as per demand / requirement of MSEDCL. It is seen from the last few days' availability that the contracted capacity of MSEDCL is not being completely fulfilled by M/s CGPL. At present the availability is in the range of 500 MW i.e. @60% of the contracted share of MSEDCL. Due to failure of supply of contracted power, MSEDCL is being forced to purchase the costly power from power exchanges/other sources and also to implement forced load shedding to consumers.

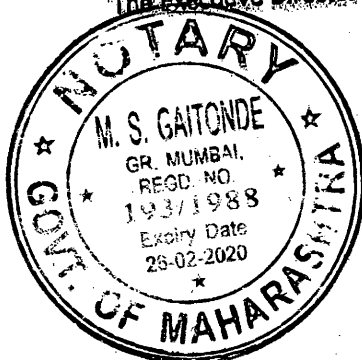
MSEDCL is in dire need of power from M/s CGPL due to increased demand for the month of May-2017. Hence, it is hereby requested to provide the power of shortfall quantum to attend the full capacity at the earliest as per the provision of PPA to fulfill the contracted power of MSEDCL.

Thanking you.

Yours faithfully,

Kaviraj
Kaviraj K. Gharat,
Chief Engineer (PP)

Copy S.W.R. To:
The Executive Director (Commercial), MSEDCL, Corporate office, Mumbai.



MAHAVITARAN
Maharashtra State Electricity Distribution Co. Ltd.
(A Govt. of Maharashtra Undertaking)
CIN: U40109MH2008SGC153645

Maharashtra State Electricity Distribution Co. Ltd.
Office of the Chief Engineer (Power Purchase)
"Prakashgad", 5th Floor, Station Road, Bandra (E), Mumbai - 400 051.
Tel.: (P) 26580645, (O) 26474211, Fax: (022) 2658 0656
Email: cepp@mahadiscom.in, Website: www.mahadiscom.com

Date: 09-05-2017

No. CE/PP/GEL/10707

To,
M/s. GMR Energy Limited, Thermal Coal (SBU)
New Shakti Bhawan, First Floor,
Airport Building, 302, New Udaan Bhawan Complex,
Opp. Terminal T3, IGI Airport, New Delhi-110037, (India)

Sub: Power supply to the full contracted capacity under 200 MW PPA with MSEDCL

Dear Sir,

This year till April 2017, MSEDCL's peak demand has reached to its all time high to @19800 MW and the present daily average demand is @ 18000-18500 MW. Looking to this power scenario, the MSEDCL's demand will remain in the same trajectory for the balance months till monsoon.

MSEDCL is having PPA for 200 MW with M/s. GMR Energy Limited (Formerly M/s EMCO Ltd.). As per the PPA, it is expected that M/s. GEL to provide the continuous power as per demand / requirement of MSEDCL. It is seen from the last few days' availability that the contracted capacity of MSEDCL is not being completely fulfilled by M/s. GEL. Due to failure of supply of contracted power, MSEDCL is being forced to purchase the costly power from power exchanges/other sources and also to implement forced load shedding to consumers.

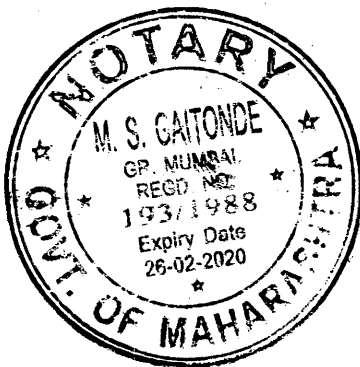
MSEDCL is in dire need of power from M/s. GEL due to increased demand for the month of May-2017. Hence, it is hereby requested to provide the power of shortfall quantum to attend the full capacity at the earliest as per the provision of PPA to fulfill the contracted power of MSEDCL.

Thanking you.

Yours faithfully,

Kavita R. Gharat
Kavita R. Gharat
Chief Engineer (PP)

Copy S.W.R To,
The Executive Director (Commercial), MSEDCL, Corporate office, Mumbai.





(A Govt. of Maharashtra Undertaking)
CIN : U40109MH2005SGC153645

Tel: 022-26474211(O)/ 26478747(P)
Email: -edcomm@mahadiscom.in
edcommho@gmail.com
Website :www.mahadiscom.in

Plot No.G-9, "Prakashgad",
Prof.Anant Kanekar Marg,
5th Floor, Bandra (East),
Mumbai – 400 051.

Ref:- ED/Comm/MSPGCL/2069

Date:- 28.09.2016

To,
The Executive Director (O&M)
MSPGCL,Prakashgad,
2nd Floor, Bandra(East)
Mumbai- 400051

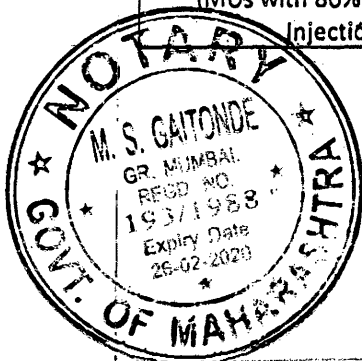
Sub:- Frequent Tripping of Chandrapur Unit-8 & Koradi Unit-8 – Effect on MOD & purchase of costlier power by MSEDCL thereof

MSPGCL has declared the COD of Koradi Unit-8 on 16/12/2015 and Chandrapur Unit-8 on 04/06/2016. However, since COD, it is observed that both the units are tripping frequently due to various reasons as informed by MSPGCL and the details of tripping are enclosed herewith as Annexure A1 & A2.

As you are aware that power from generating set is being scheduled as per the MOD stack position prepared by SLDC. Further, the principle behind the MOD stack preparation is that low power is to be scheduled to the consumers and costly power backed down / zero scheduled to avoid high cost power.


Further, because of the frequent tripping of these two units MSEDCL forced to schedule the generating units which are at higher position in MOD stack; there by increasing the power purchase cost of MSEDCL. The DC & actual availability of these two units from the COD is tabulated below:

Koradi Unit-8	Apr-16	May-16	Jun-16	July-16	Aug-16
MUs considering PLF 80%	380.16	392.83	380.16	392.83	392.83
DC (Mus)	69.76	325.35	405.14	383.40	323.09
Actual Injection (Mus)	60.55	283.07	315.99	313.32	271.87
Difference (Mus) (MUs with 80% PLF-Actual Injection)	319.61	109.76	64.17	79.51	120.96



Chandrapur Unit-8	Jun-16	July-16	Aug-16
MUs considering PLF 80%	288.00	297.60	297.60
DC (Mus)	50.25	203.39	222.48
Availability (Mus)	35.73	149.445	179.07
Difference (Mus) (MUs with 80% PLF-Actual Injection)	252.27	148.15	118.53

In view of the above it is requested to look into the matter and resolve the operational / technical issues of these units so as to have 100% availability from these newly commissioned sets.

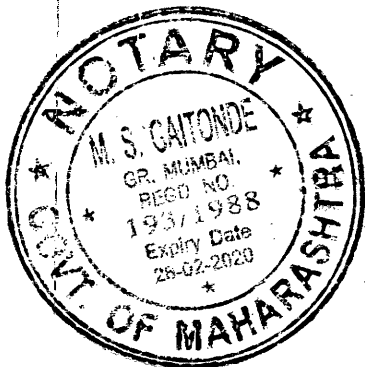

Executive Director (Dist./Commercial)

Copy s.w.rs.to:-

1. Director (Operations), MSEDCL, HO, Mumbai.
2. Director (Operations), MSPGCL, Mumbai.

Copy to:-

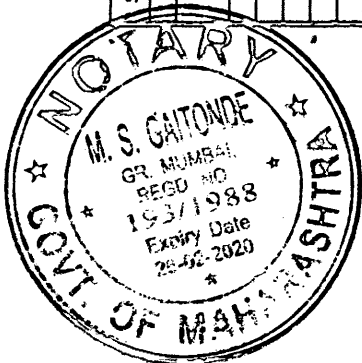
1. Chief Engineer, SLDC, Kalwa, Navi Mumbai.
2. Chief Engineer, Power Purchase, MSEDCL, HO, Mumbai.
3. OSD to CMD MSEDCL, HO, Mumbai.
4. Superintending Engineer (LM), Kalwa, Navi Mumbai.

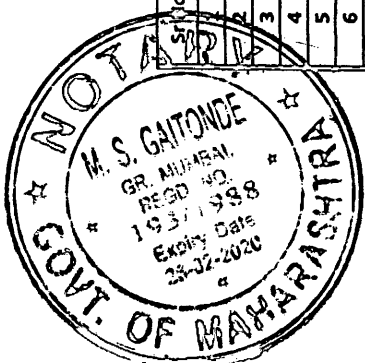


Koradi Unit-8 (660 MW) COD was accepted from 00/00/00 to Date: 16 Dec-2015

Details of tripping of Koradi U-8(660 MW) from Dec-2015 to Sep-2016

Sr No.	Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Reason of Outage
1	MSPGCL	Koradi Unit-8	660	29/Dec/2015	11:42	29/Dec/2015	14:58	metal temperature high
2	MSPGCL	Koradi Unit-8	660	02/Jan/2016	01:12	11/Jan/2016	03:36	LULO arrangement for 400KV koradi I to India Bulls Line and charging of 400 KV Koradi II to Wardha(PG) line.
3	MSPGCL	Koradi Unit-8	660	12/Jan/2016	15:53	12/Jan/2016	19:19	secondary super heater metal temp.high
4	MSPGCL	Koradi Unit-8	660	23/Jan/2016	11:38	23/Jan/2016	14:40	Main Fuel Tank Tripped.
5	MSPGCL	Koradi Unit-8	660	03/Feb/2016	04:28	11/Feb/2016	22:49	Superheater Temp.High
6	MSPGCL	Koradi Unit-8	660	20/Feb/2016	11:29	20/Feb/2016	17:09	TRIPPED PA FAN TRIPPED.
7	MSPGCL	Koradi Unit-8	660	3/10/2016	12:30	4/12/2016	14:13	Ash Evacuation problem
8	MSPGCL	Koradi Unit-8	660	4/12/2016	14:55	4/12/2016	16:44	Whals Change Over from Auto to Manual.
9	MSPGCL	Koradi Unit-8	660	4/12/2016	22:30	4/13/2016	09:03	Boiler Feed Pump Problem.
10	MSPGCL	Koradi Unit-8	660	4/14/2016	20:48	4/17/2016	22:3	Generator Protection operated
11	MSPGCL	Koradi Unit-8	660	4/23/2016	2:38	4/29/2016	20:16	ESP And CW Pump Work.
12	MSPGCL	Koradi Unit-8	660	24/May/2016	11:54	24/May/2016	14:50	Boiler Feed Pump Tripped Negative Sequence Protection Operated.
13	MSPGCL	Koradi Unit-8	660	24/May/2016	16:53	25/May/2016	08:51	Negative Sequence.
14	MSPGCL	Koradi Unit-8	660	11/Jun/2016	08:21	11/Jun/2016	11:42	PA Fan problem
15	MSPGCL	Koradi Unit-8	660	18/Jun/2016	06:23	18/Jun/2016	23:13	CHP coal feeding problem
16	MSPGCL	Koradi Unit-8	660	18/Jul/2016	06:18	18/Jul/2016	13:48	BCS Failure.
17	MSPGCL	Koradi Unit-8	660	29/Jul/2016	22:38	04/Aug/2016	07:28	DCS Failure.
18	MSPGCL	Koradi Unit-8	660	8/16/2016	18:32	8/17/2016	3:22	ID Fan Problem
19	MSPGCL	Koradi Unit-8	660	8/19/2016	10:17	8/19/2016	13:09	Air preheater problem.





Chandrapur Unit-8 (500MW) SOP was accepted from 00:00 hrs on date 04-Jun-2016
Details of tripping of Chandrapur Unit-8 (500MW) from Jun-2016 to Sep-2016

No.	Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Reason of Outage
1	MSPGCL	Chandrapur Unit-8	500	04/Jun/2016	13.00	07/Jun/2016	15.52	Due To Main Steam Temperature Very Low.
2	MSPGCL	Chandrapur Unit-8	500	07/Jun/2016	19.04	08/Jun/2016	05.18	Motor Driven Boiler pump Temp.High
3	MSPGCL	Chandrapur Unit-8	500	08/Jun/2016	05.38	08/Jun/2016	10.06	Flame Failure
4	MSPGCL	Chandrapur Unit-8	500	08/Jun/2016	18.56	09/Jun/2016	12.35	Vibration Temp.High.
5	MSPGCL	Chandrapur Unit-8	500	09/Jun/2016	13.05	09/Jun/2016	18.31	Turbine Bearing Vibration High.
6	MSPGCL	Chandrapur Unit-8	500	10/Jun/2016	12.38	13/Jun/2016	10.50	Due to Station T/F trip.
7	MSPGCL	Chandrapur Unit-8	500	17/Jun/2016	22.39	26/Jun/2016	20.00	Condensor vacuum low protection.
8	MSPGCL	Chandrapur Unit-8	500	6/28/2016	7.07	30/06/2016	1.16	M.S.Temperature Low
9	MSPGCL	Chandrapur Unit-8	500	03/Jul/2016	07.32	04/Jul/2016	11.46	High Drum Level.
10	MSPGCL	Chandrapur Unit-8	500	04/Jul/2016	20.30	05/Jul/2016	01.55	Flame Failure
11	MSPGCL	Chandrapur Unit-8	500	08/Jul/2016	21.07	11/Jul/2016	23.53	LV Side REF Protection Operated.
12	MSPGCL	Chandrapur Unit-8	500	20/Jul/2016	07.50	20/Jul/2016	14.56	Generator Earth fault
13	MSPGCL	Chandrapur Unit-8	500	01/Aug/2016	22.43	07/Aug/2016	10.39	Drum level high
14	MSPGCL	Chandrapur Unit-8	500	8/10/2016	9.52	8/10/2016	13.4	Flame Failure
15	MSPGCL	Chandrapur Unit-8	500	8/29/2016	20.15	8/30/2016	9.5	Generator Protection operated
16	MSPGCL	Chandrapur Unit-8	500	9/9/2016	08.23	9/10/2016	03.50	High Drum Level
17	MSPGCL	Chandrapur Unit-8	500	9/13/2016	00.18	9/13/2016	19.27	Generator Protection operated
18	MSPGCL	Chandrapur Unit-8	500	9/16/2016	19.06	9/17/2016	01.21	Flame Failure
19	MSPGCL	Chandrapur Unit-8	500	9/19/2016	18.43		Continued.	Boiler Tube Leakage



Annexure-A2



Ref:- PP/GMD/MSEDCL/ 108933

Date:- 19.04.2017

To,
The Chairman & Managing Director
MSPGCL, Prakashgad, 2nd Floor,
Bandra (East), Mumbai

Sub: Frequent tripping and unreliable power supply from MSPGCL thermal units

Dear Sir,

MSPGCL thermal generation is the major source of availability of power to MSEDCL to meet consumer's demand. However, in recent past, after declaring COD of newly commissioned generation units, the availability from MSPGCL has been very unreliable. I have spoken to Director (Operations) of MSPGCL on this issue many times.

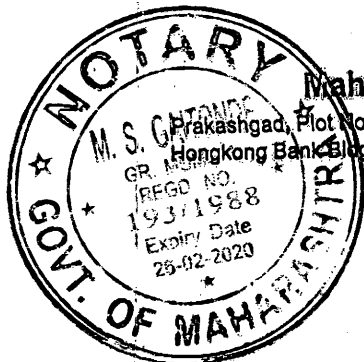
The availability of recently commissioned units is very poor and whenever units are available, unscheduled tripping has been a cause of concern. The details are given below:

Unit Name	COD date	Total No. of days to be available from COD	Availability (No. of Days)	% Availability	No. of Tripping
Parli - 08 (250 MW)	19.11.2016	127	23	18.11%	8
Koradi - 10 (660 MW)	17.01.2017	69	14	20.29%	3
Koradi - 09 (660 MW)	22.11.2016	123	38	30.89%	84
Chandrapur - 09 (500 MW)	24.11.2016	124	98	79.03%	21
Chandrapur - 08 (500 MW)	04.06.2016	295	234	79.32%	34

Above table shows that Koradi units are not even available for more than 30% days since COD and even when available, trippings are so frequent that this power can hardly be used to supply stable power. On dated 14.04.2017, the thermal generation availability from MSPGCL was 7789 MW which is reduced to 5800 MW on 18.04.2017, a variation of 2000 MW in 4 days (more than 25%).

Maharashtra State Electricity Distribution Co. Ltd.

Prakashgad, Plot No. G-9, Bandra (E), Mumbai - 400 051 ☎ (P)-26474844 (O)-26474211, Fax: 26478672
Hongkong Bank Bldg., M.G. Road, Fort, Mumbai - 400 001 ☎ (P) 22619499 (O) 22619100 Fax: 22650741
E-mail: md@mahadiscom.in • Website: www.mahadiscom.in



From above data, it is very clear that although the above units have declared their GOD, power injection from these units is still infirm nature only. Also, these units are not running to their full capacity. MSEDCL has informed to MSPGCL from time to time regarding unreliable thermal generation from MSPGCL and its problem on MSEDCL.

In addition to this, in April 2017 MSEDCL's peak demand has reached to its all time high to @19800 MW and the daily average demand is @ 18000 MW. Looking to present power scenario, the MSEDCL's demand will remain in the same trajectory till monsoon.

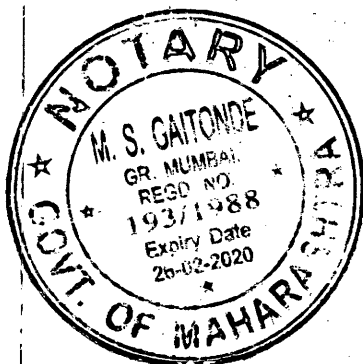
Uncertainty in generation of MSPGCL has paralyzed the power planning of MSEDCL and forcing us to mandatorily scheduling of the costly power from other units, forcing power purchase from market and drastic increase in Koyna Hydro utilization. Also, in real time operations, sometime the situation is beyond the control and MSEDCL has to implement load shedding to consumers in spite of having so much PPAs.

Hence, it is hereby requested to look into the matter and ensure that stable thermal generation of around 6500 MW is available from MSPGCL.

Yours sincerely

Surya Kumar

Chairman & Managing Director
MSEDCL



MAHARASHTRA

Government of Maharashtra

Gen. M. Nagarshetti, Secretary

Plot No. G-9, Prakashgad, Bandra East, Mumbai - 400051
 Tel: 022-26474211 (O) / 26474212 (R), Email: edcomm@mahaadis.com, edcomm@mahaadis.com

Ref:- ED/Gomm/MSPGCL/H89

Date:- 17.01.2017

To:
 The Executive Director (Operations),
 MSPGCL, Prakashgad,
 Bandra (East), Mumbai

Sub:- Unreliable Thermal Generation from MSPGCL

- Ref:- 1. ED/Gomm/MSPGCL/33039 dtd. 27.12.2016
 2. ED/Comm/Mahasure/34216 dtd. 17.11.2016
 3. ED/Comm/MSPGCL/2066 dtd. 28.09.2016
 4. ED/127768 dated 08.09.2016

Dear Sir,

In continuation to this office letters under reference, it is to inform that MSPGCL's thermal generation was varying from 5036 MW to 6841 MW during the time on daily basis during last 7 days. Because of this MSEDCIL has to resort forced shedding of 1000 GWh groups on dated 10.01.2017, 15.01.2017 and 16.01.2017 for 10 hours.

The hourly thermal generation availability during the days during day time is given below:-

Hrs.	10/Jan	11/Jan	12/Jan	13/Jan	14/Jan	15/Jan	16/Jan
7	5391	6000	6172	6290	5874	5190	5635
8	5236	6380	6466	6680	6159	5630	5753
9	5036	6321	6431	6521	6172	5740	5635
10	5060	6620	6811	6490	6761	6621	6536
11	5137	6360	6831	6036	6623	5546	5576
12	5104	6770	6662	6097	6565	5495	5617
13	5165	6721	6703	6494	6595	5474	5577
14	5164	6709	6628	6174	6735	5485	629
15	5253	6700	6723	605	627	588	62
16	5369	6369	6760	5948	638	5498	567
17	5515	6315	6407	5218	6090	5346	5688

Also, it is observed that the newly commissioned Units are going under forced outage frequently the abstract of which is as below:-

Sr. No.	Name of Generating Unit	Installed Gross Capacity	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Reason of Outage
1	Parli Unit 8	250	18-Nov-16	16.23		Continued.	w/dn for balance work.
2	Chandrapur Unit 7	500	12-Jan-17	22.10		Continued.	Boiler validity work.
3	Kondr Unit 6	600	18-Jan-17	04:00		Continued.	Boiler Tube Leakage
4	Chandrapur Unit 5	600	18-Jan-17	09:21	16-Jan-17	05:52	Drum level high.
5	Chandrapur Unit 4	500	16-Jan-17	09:00		Continued.	Boiler Tube Leakage



In addition to the 1000 MW available from the 2016-17
update and also 3000 MW is withdrawn from the
2017-18

increase of such large variations in availability and frequent tripping of units is becoming
very difficult to MS&E to handle load generation on day ahead basis as well as in real time
operations. Also these uncertainties are resulting into forced load shedding and scheduling
purchasing of costly power.

Hence, it is requested to look into the matter on priority and ensure that stable thermal
generation of around 6500 MW is available from MS&E.

Thanking You

Satish Chavan
Executive Director (Commercial)
MS&E

Copy to:

1. The Director (Operations) MS&E, Prakashnagar, Mumbai
2. The Director (Operations) MS&E, Prakashnagar, Mumbai

Copy to:

1. OSD to CMD, MS&E, HO, Mumbai
2. The Chief Engineer, Substation, Prakashnagar, Mumbai
3. The Chief Engineer, Substation, Prakashnagar, Mumbai
4. The Chief Engineer, Substation, Prakashnagar, Mumbai



(A Government of Maharashtra Undertaking)
MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
CIN: U40109MH200SSGCI53645

Date: 06.04.2017

Ref. No. CE/PP/MSPGCL/7795

To,
The Chief Engineer,
Maharashtra State Load Dispatch Center,
Thane-Belapur Road, P.O. Airoli,
Navi Mumbai - 400 078

Sub: - Low Voltage in Parli area and Reactive Power loading of Generators.
Ref: - CESLDC/Note_Parli/00593 dated 29.03.2017.

Dear Sir,

With respect to above subject, this office has received a detailed note vide above ref. letter regarding low voltage problem in Parli area and Reactive Power loading of Generators. Also, it is requested to submit the comments in this matter for onwards submission to Hon'ble MERC. Accordingly, MSEDCL hereby submits its comments as under:

1. MSEDCL is in agreement on point submitted by MSLDC that Parli Unit#08 (250 MW) COD is declared on 19.11.2016 and unit is taken in to service. With this additional unit, it is possible to cater the demand in the Parli area with good voltage profile and over-loading of the generators on account of reactive power output can be avoided. Also, it is mention that voltage observed on 220 KV level is between 216 to 208 KV which is within permissible limit mention in IEGC as 198 KV to 245 KV. Hence, there is no as such low voltage problem in this area.
2. The Reactive Power requirement from generators and low voltage problems arises in the Parli area normally when Agriculture demand increases i.e. for the period from October to January month and that is to during Ag Peak Load Period 06.00 Hrs to 08.00 Hrs and 11.00 to 13.00 Hrs

In order to overcome this problem, MSEDCL is working for staggering of Agriculture load by reviewing the time table for AGLM Schemes. The same exercise was carried out for Solapur Area and good results in terms of improvement of voltage is observed.

3. Hon'ble MERC, vide order dated 30.08.2016 (Case No. 46 of 2016) has mentioned that: The Commission accepts the proposal to keep Units 4 & 5 in under shut-down with the proposed cost components. However, as MSPGCL has also stated that the Units might be taken into service

Maharashtra State Electricity Distribution Company Limited
5th floor, Prakashgad, Plot No.G-9, Bandra (East), Mumbai - 400 051 ☎ (P) 26478643, ☎ (O) 26474211,
☎ Fax- 26475012 Email: copp@mahadiscom.in Website: www.mahadiscom.in



on the request of MSEDCL, which would necessitate an approved tariff to be charged for the energy generated.

Hon'ble Commission has approved Rs. 3.333 per unit variable cost for Parli Unit #04 (210 MW) & Parli Unit #5 (210 MW) for FY 2017-18.

MSEDCL is procuring power as per Merit Order Dispatch (MOD) principle from different generating units under long term agreement. At present, the highest variable cost unit required to schedule to mitigate peak demand of FY 2016-17 which was in the range of 19200 MW to 19600 MW during peak hours is of Rs. 3.07 per unit.

Hence, power from Parli Unit #04 (210 MW) and Parli Unit#05 (210 MW) is not scheduled by MSEDCL.

Considering all above facts, there is no ground exists for the proposal of MSPGCL for according "MUST RUN" status to Parli Unit #04 (210 MW) and Parli Unit#05 (210 MW) for low voltage in the local grid.


(Satish Chavan)

Executive Director (Commercial)

MSEDCL

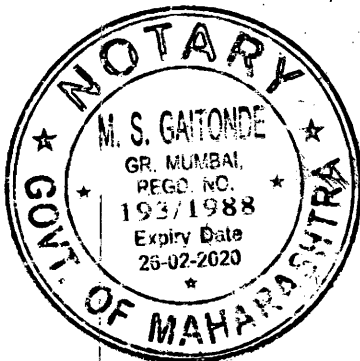
Copy s.w.r.to.-

1. The Secretary, MERC, Mumbai.
2. The Director (Operations), MSEDCL, Mumbai.

Copy to,

1. The Chief Engineer, Power Purchase, MSEDCL.
2. The OSD to CMD, MSEDCL, Mumbai.
3. The Superintending Engineer (LM), Airoli.

Maharashtra State Electricity Distribution Company Limited
5th floor, Prakashgad, Plot No.G-9, Bandra (East), Mumbai - 400 051 ☎ (P) 26478643, ☎ (O) 26474211,
☎ Fax- 26475012 Email: ccpp@mahadiscom.in Website: www.mahadiscom.in



(Govt. of Maharashtra undertaking)
CIN: U40109MH2005SGC133645

Tel: 022-26474211(O)/26478747(P)
Email: -edcomm@mahadiscom.in
edcommho@gmail.com
Website: www.mahadiscom.in

Plot No.G-9, "Prakashgad",
Prof.Anant Kanekar Marg,
5th Floor, Bandra (East),
Mumbai - 400037.

Ref: ED/Comm/MSPGCL/33029

Date: 27/12/2016

To,
Executive Director (Operations),
MSPGCL, Prakashgad,
Bandra (E), Mumbai.

Sub: Availability of MSPGCL's new units

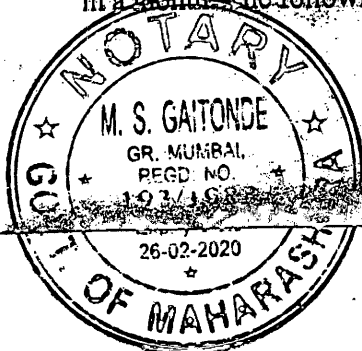
Ref: ED/Comm/Mahagenco/34314 dated 17/11/2016

Dear Sir,

With reference to above subject, it is observed that Declared Capacity (DC) of newly commissioned MSPGCL units (about 2410MW) is always less (about 734MW) than its contracted capacity. The details are as under:

Name of Unit	Installed Capacity (Ex-Bus) MW	Average Availability (Ex-Bus) MW (From COD)	Less Availability (Ex-Bus) MW
Koradi U-8	620	492	128
Chandrapur U-8	470	443	27
Parli U-8	230	0	230
Koradi U-9	620	360	260
Chandrapur U-9	470	381	89
Total	2410	1676	734

In addition to this, most of these units are frequently going under forced outage as compared to other generating units. Koradi Unit-8, Chandrapur Unit-8 has tripped 24 and 26 times respectively till date from the date of their COD. The availability of recently commissioned Chandrapur Unit-9 (COD: 24-11-2016) is only for about 15 days in a month. The following table shows its frequency going under BTL is very high.



Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync Date	Sync Time	Reason of Outage
Chandrapur Unit-9	500	28/Nov/2016	12.48	29/Nov/2016	06.13	BTL
		29/Nov/2016	07.24	29/Nov/2016	09.22	Low furnace pressure
		03/Dec/2016	16.55	07/Dec/2016	08.18	BTL
		08/Dec/2016	09.53	08/Dec/2016	17.18	Drum level low
		12/Dec/2016	22.07	16/Dec/2016	22.50	BTL

Also, most of the other units are running with less capacity against their MCR. MSEDCL's day-ahead power planning is majorly dependant on availability from various Mahagenco units. In view of such deviations in availability and frequent tripping, it is very difficult for MSEDCL to balance load generation in day-ahead as well as in real-time.

The communication from MSPGCL GCR to MSEDCL LM Cell regarding day ahead availability is not proper. Yesterday on enquiry from MSEDCL LM Cell regarding synchronization of any breakdown units, it was informed by GCR that no unit is expected to be synchronised. However, Retaci U-10 and Chandrapur U-5 were synchronised which hampered MSEDCL power planning.

In view of above, it is requested to look into the matter on priority, so as to avoid financial burden and load shedding to MSEDCL consumers.

Regards,

Satish Chavan
 Satish Chavan
 Executive Director (Commercial)
 MSEDCL

Copy sends to:

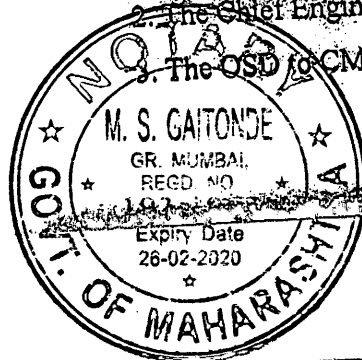
1. The Director (Operations), MSEDCL, MSPGCL, Prakashgad, Mumbai.

Copy to:

1. The Chief Engineer (SEDC), Airoli, Navi Mumbai

2. The Chief Engineer (PPY/LM), T2, MSEDCL, Prakashgad, Mumbai

3. The OSD to CMD, MSEDCL, Prakashgad, Mumbai.





(A Govt. of Maharashtra Undertaking)
CIN: U40109MH2005SGC053648

Ref: ED/Comm/APML/ No 10023

Date: 28.04.2017

To,
Shri. Kandar Patel (Joint President)
M/s. Adani Power Maharashtra Limited,
Adani House, Nr. Mithakhali Circle,
Navrangpura, Ahmedabad 380 009.

Sub: Availability of Contracted capacity power from APML Tiroda plant / alternate source arrangement thereof

Ref:- 1. ED/Comm/APML/8935 dated 19.04.2017
2. ED/Comm/APML/7727 dtd:05.04.17
3. ED/Comm/RE/1223 dtd: 18.01.17
4. Emails from SE, LM Kalwa dtd. 06.12.16, 21.12.16, 08.01.17 & 15.01.17

Dear Sir,

Further to our letter dated 19.04.2017 and in spite of continuous follow up being done by MSEDCL, still there is no much improvement in availability of generation from M/s APML Tiroda plant. Because of non availability of contracted power from M/s APML, MSEDCL has to purchase the costly power from power exchanges/ other sources and also to implement forced load shedding to consumers.

Please note that under said PPA, there is a provision of power supply from alternate source and M/s APML can make alternate arrangement for supply of power to MSEDCL if unable to provide supply of power from Tiroda plant.

In view of the above, it is once again requested to make available full contracted capacity power on bar immediately or otherwise supply power from the alternate source as per the provisions of PPA. Your early action in this matter is solicited.

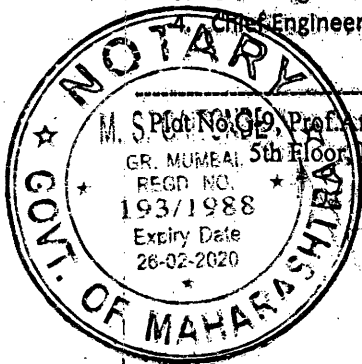
Yours faithfully,

(Satish Chavan)

Executive Director (Commercial), MSEDCL

Copy to:-

1. OSD to CMD, MSEDCL, HO, Mumbai
2. Chief Engineer (SLDC), MSETCL, Kalwa
3. Chief Engineer (LM), MSEDCL, HO, Mumbai
4. Chief Engineer (PP), MSEDCL, HO, Mumbai



M. S. Plot No. 99, Prof. Anant Kanekar Marg, "Prakashgad", Office of the Executive Director (Commercial),
GR. MUMBAI, 5th Floor, Bandra (East), Mumbai - 400 051, Tel: 022-26474211(O)/26478747(P),
REGD. NO. 193/1988
Expiry Date 26-02-2020
Email: -edcomm@mahadiscom.in, edcommho@gmail.com



MAHAVITARAN

CIN: U40109MH2005SGC153645

Ref:PP/MSEDCL/APML/

00.07.08

Date: 26.04.2017

To,

Shri R. R. Mishra

Chairman & Managing Director

Western Coalfield Limited

Nagpur

Sub: Release of coal to M/s Adani Power Maharashtra Ltd (APML) 5X660 MW station at Tiroda under 2.185 MTPA FSA from WCL

MSEDCL has signed long term PPA under Case I Stage I & II bidding process with APML's 5X660 MW power project at Tiroda. The Units are sourcing coal partly under long term FSA and balance requirement through e-auction.

MSEDCL's peak demand has reached to its all time high to @19800 MW in April 2017 and the daily average demand is @ 18000 MW. Looking to present power scenario, the MSEDCL's demand will remain in the same trajectory till monsoon.

Presently, APML is generating around 1700 to 1800 MW power against 3085 MW PPA with MSEDCL because of non availability of coal. It is learnt from APML that the coal stock at Tiroda is only about 50000 MT (equal to one day of full generation) and units are not able to operate at full capacity due to want of required coal. We have been informed that APML has procured 156 rakes (52 no of Bundle of Wani & Umrer area) recently in the last auction conducted by WCL.

MSEDCL is in dire need of power from APML, Tiroda Project due to increased demand for April & May 2017 Months and also we are supplying power to UP state. Hence, it is requested to release at least 100 rakes against M/s APML's procurement of 156 rakes in the month of May 2017.

Thanking You,

Yours sincerely

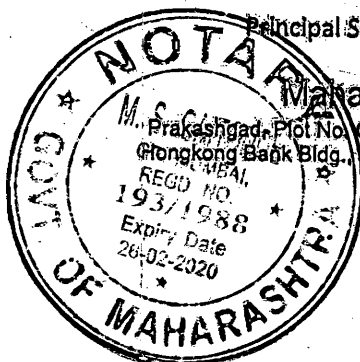
Sayaji Kumar
Chairman & Managing Director
MSEDCL

Copy submitted with respect to:

Principal Secretary (Energy), Govt of Maharashtra, Mantralaya, Mumbai

Maharashtra State Electricity Distribution Co. Ltd

Prakashgad, Plot No. G-9, Bandra (E), Mumbai-400 051. ☎ (P) 26474644 (O) : 26474211 • Fax : 26478672
Chongkong Bank Bldg., M.G.Road, Fort, Mumbai-400 001. ☎ (P) 22619499 (O) : 22619100 • Fax : 22650741
Email: md@mahadiscom.in • Website : www.mahadiscom.in.



MAHADISCOM
(A Govt. of Maharashtra Undertaking)
CIN : U40109MH2005SGC153645

Ref:- ED/Comm/APML/8935

Date:- 19.04.2017

To,
Shri. Kandarp Patel (Joint President)
M/s. Adani Power Maharashtra Limited,
Adani House, Nr Mithakhali Circle,
Navrangpura, Ahmedabad 380 009

Sub: Providing continuous power supply of Contracted capacity from APML Tiroda plant & maintaining the adequate coal stock thereof.

Ref.:- 1. ED/Comm/APML/7727 dtd:05.04.17
2. ED/Comm/RE/1223 dtd: 18.01.17
3. Emails from SE, LM Kalwa dtd. 06.12.16, 21.12.16, 08.01.17 & 15.01.17

Dear Sir,

In April 2017, MSEDCL's peak demand has reached to its all time high to @19800 MW and the daily average demand is @ 18000 MW. Looking to present power scenario, the MSEDCL's demand will remain in the same trajectory till monsoon in this year.

MSEDCL is having 3085 MW Contracted Capacity PPA with APML Tiroda plant and as per the PPA, APML is bound to provide the continuous power as per demand / requirement of MSEDCL. MSEDCL vide its various correspondences/ communications has already informed to M/s APML in this regard. Further, it is pertinent to mention here that as per the CEA guidelines and prudent practices Generator has to maintain the coal stock for atleast 20 days generation of contracted capacity.

However, it is unfortunate to mention here that although all contract obligation of payments are being fulfilled by MSEDCL, APML is giving generation in the range of 1200 MW to 1800 MW against contracted 3085 MW citing the reason of shortage of coal. Due to failure of APML to supply the contracted power, MSEDCL is being forced to purchase the costly power from power exchanges/ other sources & also to implement forced load shedding to consumers.

Hence, it is hereby requested to look into the matter & ensure that sufficient coal stock is available to meet the contracted demand of MSEDCL as per PPA.

Thanking you.

Yours faithfully,



(Satish Chavan)

Executive Director (Commercial), MSEDCL

Copy to:-

1. Chief Engineer (SLDC), Kalwa
2. Chief Engineer (PP), MSEDCL, Mumbai
3. OSD to CMD MSEDCL, HO, Mumbai
4. Superintending Engineer (LM), Kalwa



Notary Public, No. 99, Prof. Anant Kanekar Marg, "Prakashgad", Office of the Executive Director (Commercial), 5th Floor, Bandra (East), Mumbai - 400 051, Tel: 022-26474211(O)/ 26478747(P), Email: -edcomm@mahadiscom.in, edcommho@gmail.com

MAHADISCOM
(A Govt. of Maharashtra Undertaking)
CIN : U40109MH2005SGC153645

Plot No.G-9, "Prakashgad", Prof.Anant Kanekar Marg, 5th Floor, Bandra (East), Mumbai – 400 051.
Tel: 022-26474211(O)/ 26478747(P), Email: -edcomm@mahadiscom.in, edcommho@gmail.com

Ref:- ED/Comm/APML/7727

Date:- 05.04.2017

To
Vice President,
Adani Power Maharashtra Ltd,
Adani House, Nr Mithakhali Circle,
Navrangpura, Ahmedabad 380 009

Sub : Reduction in generation availability from APML Tiroda Plant without prior intimation to
MSEDCL

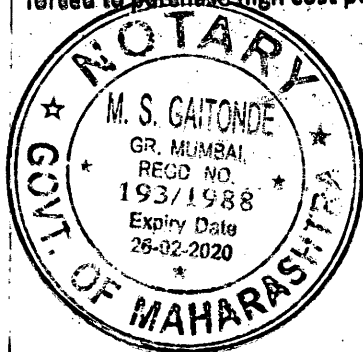
- Ref : 1. Email from SE LM Kalwa Dt. 06.11.2016
2. Email from SE LM Kalwa Dt. 21.12.2016
3. Email from SE LM Kalwa Dt. 08.01.2017
4. Email from SE LM Kalwa Dt. 15.01.2017
5. Letter No.ED/Comm/RE/1223 dtd. 18.01.2017

Sir,

In continuation to this office earlier letter under reference no. 5 by which it was informed to you that, it is becoming very difficult to MSEDCL to balance load- generation on day ahead basis as well as in real time operations because of sudden reduction in availability from APML, Tiroda plant. Also, these uncertainties in availability from Tiroda power plant are resulting into forced load shedding and scheduling / purchasing of costly power to MSEDCL consumers.

Further to above communication, please find attached herewith the Initial DC given by APML and final DC implemented for generation from 01st to 5th April 2017, from which, it is very clear that in real time DC is reduced on 01st April 17 by 70 MW, on 02nd April by 262 MW, on 3rd April by 1051 MW with reason that one unit of 660 MW under forced outage, on 04th April 2017 by 977 and on 05th April 2017 by 158 MW resulted into reduction in total generation from APML Tiroda plant on 05th April to 1138 MW against 3085 MW PPAs.

This kind of step by step DC revision on daily basis in real time operations without any prior intimation to MSEDCL has resulted into heavy load shedding to MSEDCL consumer and forced to purchase high cost power.



Hence, it is once again requested to look into the matter on top most priority and ensure that changes in availability of generation on account of variation in coal stock or reason which are known earlier are to be discussed with MSEDCL at least before 48 Hours of Implementation to avoid forced Load Shedding and un-planned costly Power Purchase to MSEDCL consumers.

Please note that being a Long Term PPA, MSEDCL has exclusive right on contracted capacity of Tiroda plant and it is the responsibility of M/s APML to schedule power as per MSEDCL requirement.

Thanking You.

Yours faithfully,



Satish Chavan

Executive Director (Commercial) MSEDCL

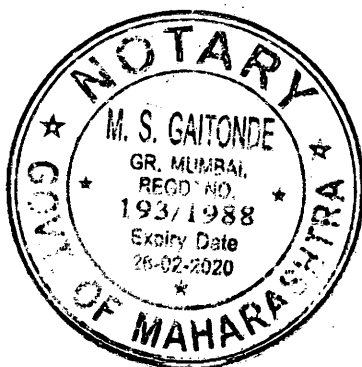
Encl:- As above

Copy s.wrs to:-

1. Chairman & Managing Director ,MSEDCL
2. Director (Finance), MSEDCL,HO,Mumbai
3. Director (Operations), MSEDCL,HO,Mumbai.

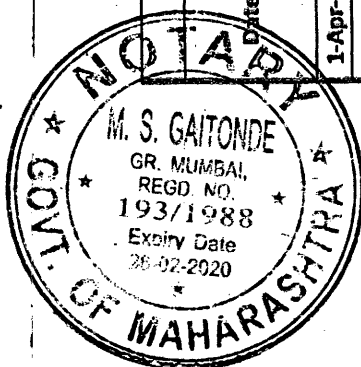
Copy to:-

1. OSD to CMD , MSEDCL,HO, Mumbai
2. Chief Engineer (SLDC), MSETCL, Kalwa,Navi Mumbai
3. Chief Engineer (LM)/(PP), MSEDCL, HO, Mumbai.



Annexure:-

Details of APML DC deviation for Month of Apr-2017																	
Date	APML Zero DC (A)					APML Final DC (B)					Difference in APML DC (C) = (A)-(B)					Remarks	
	U-1	U-2	U-3	U-4	U-5	U-1	U-2	U-3	U-4	U-5	U-1	U-2	U-3	U-4	U-5	DC Variation	
1-Apr-17	613	623	623	613	613	613	623	616	558	605	613	498	603	55	8	70	
2-Apr-17	613	623	623	613	613	565	569	568	550	571	565	54	55	63	42	262	
3-Apr-17	613	623	623	613	613	477	498	20	515	525	136	125	603	98	88	1051	U-3 withdrawn at 01:22 hrs due to Reduction in Hydrogen Pressure.
4-Apr-17	615	623	0	615	615	254	443	0	398	396	361	180	0	217	219	977	
5-Apr-17	0	432	0	432	432	0	395	0	372	371	0	37	0	60	61	158	Rev-4 for Dt. 05-04-2017 upto 10:34 hrs considered



MAHADI VITARAN
(A Govt. of Maharashtra Undertaking)
GIN: IU40109MH2004SG0153645

Plot No. G-9, Prakashgad, Prof. Anant Kanekar Marg, 5th Floor, Bandra (East), Mumbai - 400 051.
Tel: 022-26474211 (C)/264787470 (P) Email: edcomm@mahadiscom.in, edcommho@gmail.com

Ref: ED/Comm/APML/3659

Date: 13/02/2017

To,
Vice President,
Adani Power Maharashtra Ltd,
Adani House, Navrangapura, Ahmedabad-380 006

Sub : Increasing availability of power from Adani Power Maharashtra Limited generating stations

- Ref: 1. Email from SE LM Kalwa Dt. 06.11.2016
2. CE/PP/APML/36808 Dt. 13/12/2017
3. Email from SE LM Kalwa Dt. 21/12/2016
4. Email from SE LM Kalwa Dt. 08/01/2017
5. Email from SE LM Kalwa Dt. 15/01/2017
6. ED/Comm/RE/223 Dt. 18/01/2017
7. Email from SE LM Kalwa Dt. 01/02/2016

Sir,

This is in reference to less availability of power from Adani Power Maharashtra Limited (APML) Tiroda plant. The APML has to supply total 2645 MW of power to MSEDCL, as per long term PPAs of 1200 MW, 125 MW, 1320 MW. However since Nov.2016, APML has reduced the availability & reason given is depleting coal stock. Recently, APML has offered some quantum of power through alternate source, but still MSEDCL is getting around 150 to 200 MW less power than the contracted capacity under above three PPAs.

APML vide letter no. APML/MSEDCL/DP/12112016 dtd. 12.11.2016 has informed that due to delay in payment by MSEDCL, coal availability is reduced. As per PPA provision, MSEDCL is paying DPC for delayed payment to APML & also, APML has encashed MSEDCL LC twice. Therefore, it is necessary for APML to give full availability against all PPAs to MSEDCL.

Presently MSEDCL demand is in increasing trend & due to less availability of power from APML generating stations, MSEDCL has to purchase costly power from open market or schedule higher cost generation, which ultimately affecting financially to MSEDCL and its consumers.

In view of the above, it is requested to increase availability to full contracted capacity under above three PPAs (1200 MW, 125 MW & 1320 MW). Your early action in this matter will be highly appreciated.

Thanking You.

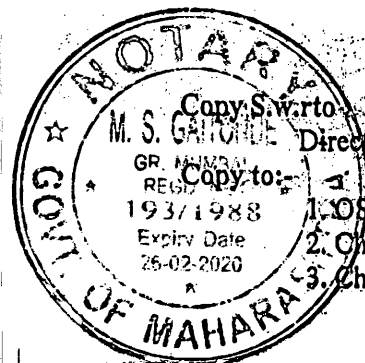
Yours faithfully,


Satish Chavan,

Executive Director (Commercial)

Copy S.w.r to
M. S. GATE Director (Finance), MSEDCL, Corporate office, Mumbai.

- Copy to:
1. OSD to CMD, MSEDCL, Corporate office, Mumbai
2. Chief Engineer (SLDC), MSETCL, Kalwa
3. Chief Engineer (PPY/LM) MSEDCL, Corporate office, Mumbai.



MAHAVITARAN
Maharashtra State Electricity Distribution Co. Ltd.
(A Govt. of Maharashtra Undertaking)
CIN : U40109MII2005SGC153645

Plot No.G-9, "Prakashgad", Prof.Anant Kanekar Marg, 5th Floor, Bandra (East), Mumbai - 400 051.
Tel: 022-26474211(O)/ 26478747(P), Email: -edcomm@mahadiscom.in, edcommho@gmail.com

Ref:- ED/Comm/RE/1223

Date:- 18.01.2017

To
Vice President,
Adani Power Maharashtra Ltd,
Adani House,Nr Mithakhali Circle,
Navrangpura, Ahmedabad 380 009

Sub : Sudden reduction in availability from APML Tiroda Plant.

- Ref :
1. Email from SE LM Kalwa Dt. 06.11.2016
 2. Email from SE LM Kalwa Dt. 21.12.2016
 3. Email from SE LM Kalwa Dt. 08.01.2017
 4. Email from SE LM Kalwa Dt. 15.01.2017

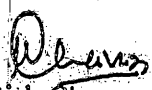
Sir,

It is observed that in recent period there is sudden change in availability from Tiroda power plant under 1200 MW, 1320 MW & 125 MW PPA. The change in availability for most of time is intimated just one or two hours before implementation and most of the time reason given is depleting coal stock. It is becoming very difficult to MSEDCL to balance load-generation on day ahead basis as well as in real time operations because of such sudden reduction in availability. Also, these uncertainties in availability from Tiroda power plant are resulting into forced load shedding and scheduling / purchasing of costly power.

Hence, it is requested to look into the matter on priority and ensure that any change in availability because of variation in coal stock is to be informed to MSEDCL at least 48 Hours before implementation.

Thanking You.

Yours faithfully,



Satish Chavan

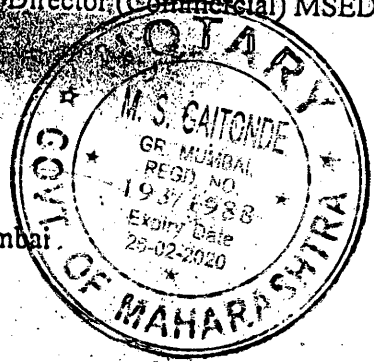
Executive Director, (Commercial) MSEDCL

Copy s.wrs to:-

1. Director (Operations), MSEDCL, HO, Mumbai.

Copy to:-

1. OSD to CMD , MSEDCL, HO, Mumbai
2. Chief Engineer (SLDC), MSETCL, Kalwa, Navi Mumbai
3. Chief Engineer (LM), MSEDCL, HO, Mumbai
4. Chief Engineer (PP), MSEDCL, HO, Mumbai



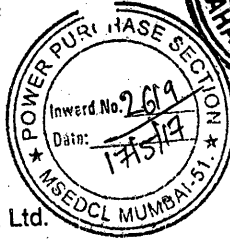
R-27266/17

ANNEXURE - 2

adani

Ref: APML/MSEDCL/ED/12052017
Date: 12th May 2017

Executive Director (Commercial), MSEDCL
Maharashtra State Electricity Distribution Co. Ltd.
5th Floor, Prakashgad,
Plot No. G-9, Bandra (East),
Mumbai-400051



Without Prejudice

M.S.E.D.C.L. CE PP	
GM (F/A)	put of copy
SE (PP)	
SE (CP)	
E.E. (Adn/HR Section)	17.5.17

Sub: Providing continuous power supply of contracted capacity from APML Tiroda plant and maintaining the adequate coal stock thereof

Ref: 1) MSEDCL letter ED/Comm/APML/8935 dated 19.04.2017
2) MSEDCL letter ED/Comm/APML/7727 dated 05.04.2017

Dear Sir,

In response to your letter dated 19th April 2017, at the outset we reiterate that APML is committed to support the state in meeting the power supply demand and we assure you to take all possible steps to ensure supply of un-interrupted power to MSEDCL. Currently, we are operating all the 5 units of Tiroda TPS.

However, as you are aware APML has been facing severe financial hardship due to shortage/non-availability of domestic coal and cancellation of Lohara Coal block which have increased the cost of generation abnormally resulting in under recovery of energy charges. While APML has taken immediate steps for mitigation of the above and several favourable orders are passed by different forums, APML is yet to receive monetary compensation in this regard for the last 5 years. In view of the above, it would be difficult for APML to sustain operations as lenders are also not willing to provide any further financial assistance.

In addition, there is huge impact on our operations due to unilateral and wrong deductions by MSEDCL such as withholding of Rs. 179 Cr of capacity charge for the year 2016-17, non-payment of change in law compensation for auxiliary consumption, Late Payment Surcharge etc. We therefore request you to please release all pending payments in respect of Monthly Invoices, Change in Law (CIL) Invoices, Late Payment Surcharge (LPS) invoices etc. at an earliest and comply with all the PPA provisions.

Please note that this communication is without prejudice to our rights and contentions available under the PPA and law.

Thanking You,

Yours Sincerely,
For Adani Power Maharashtra Limited

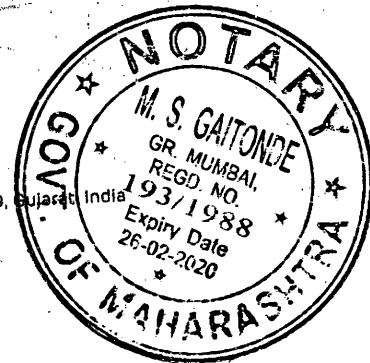
Authorized Signatory

Copy to: Chief Engineer (PP), MSEDCL

Adani Power Maharashtra Ltd
Achalraj
Opp Mayor Bungalow, Law Garden
Ahmedabad 380 006
Gujarat, India
CIN: U40101GJ2007PLC050506

Tel +91 79 2555 7555
Fax +91 79 2555 7177
info@adani.com
www.adani.com

Registered Office: Adani House, Nr Mithakhali Circle, Navrangpura, Ahmedabad 380 009, Gujarat, India



EECKN)

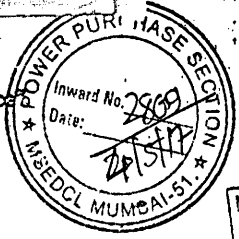
Fr a. [Signature]

RattanIndia

Ref: RPL/Amravati/PPA/2017-18/124

Date: 4th May, 2017

Without Prejudice



M.S.E.D.C.L.	
CE PP	
GM (F/A)	
SE (PP)	
SE (CP)	
E.E. (Adn/HR Section)	

To,
 ✓ The Chief Engineer (Power Purchase),
 Maharashtra State Electricity Distribution Co. Ltd.,
 5th Floor, Prakashgad, Plot No. G-9,
 Bandra-(East),
 Mumbai - 400 051

Sub: Regarding availability of power from all Units of M/s. RattanIndia Power Limited (M/s. RPL)

Dear Sir,

This has reference to various letters from MSEDCL seeking availability/continuous supply of power from RPL's Amravati plant.

In this regard, kindly note that in the FY 2016-17, the Plant Availability was 100% against which the PLF was Approx. 16%, owing to frequent shut down/zero schedule instructions from MSEDCL. The said plant was put to run continuously only for 3 months i.e. during Apr-16 to Jun-16 by MSEDCL. Even in this period, not all the five units were given schedule and the units on bar were made to run at part load. Further, the plant was put to zero schedule by MSEDCL continuously for a long duration starting from Jul 2016 till Mar 2017, barring few days of operation of 2-4 units in Sep-16, Oct-16, Nov-16 and Mar-17, with no further instructions to start the operations.

It may please be noted that as against 1825 available unit days for 05 units in FY 2016-17, all 5 units operated only for 338 unit days cumulatively. There was complete station blackout for 239 days in FY 2016-17. It may kindly be noted that RPL had sufficient coal for the generation looking into the circumstances that were prevailing that time. RPL has time and again written to MSEDCL requesting that a total shutdown of the Project not be directed so that situations such as the present do not arise. However, these requests have gone unheeded.

It was also established that sufficient coal was available for generation for April 17 and May 17 month. However, the inability of RPL to lift required coal as per Fuel Supply Agreement (FSA) with South Eastern Coalfields Limited (SECL) was seriously jeopardize causing the substantial delay in getting allocation of coal for the month of April 2017 and the reasons thereof were beyond the control of RPL. This inability of RPL to lift coal as per FSA was substantially hampered due to continuous shutdown / zero schedule from MSEDCL for large period of FY 2016-17 as enumerated in aforesaid Para's. The approval for coal allocation for the month of April 2017 was received on 25.04.2017 and since then coal dispatch has improved. RPL has further participated in e auction conducted recently by WCL and has booked 51 rakes (2.04 lakhs tonnes) coal.

RPL is constantly endeavoring to generate entire 1200 MW capacity for MSEDCL. However it is not out of the place to mention that the generation from the units is directly linked to coal supplies from SECL, MSEDCL's support for timely payments to procure coal under FSA, MSEDCL's support to procure coal from alternate source, amongst various other factors.

RattanIndia Power Limited

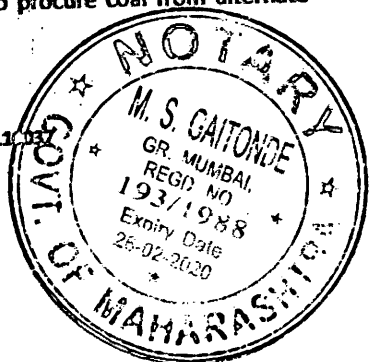
(Formerly Indiabulls Power Ltd.)

Registered Office: 5th Floor, Tower-B, Worliwick 1, Academy, New Delhi - 110 022

Tel: +91 11 68612656 Fax: +91 11 68612777

Website: www.rattanindia.com

CIN: L0102DL2007FLC169002



SECPD
Put up
reply.

8.5.17

DYEE(S)

EECAW)
Fna

RattanIndia

Further, it may kindly be appreciated that given the uncertainty manner in which MSEDCL has issued dispatch and shut down instructions, including standing instructions to shut down the Project entirely, it was neither feasible nor economical to maintain a huge inventory of coal. There would be substantial deterioration in GCV and stacking loss which would affect the efficiency of the plant, apart from risk of fire in coal itself. Accordingly, RPL had maintained adequate coal stock taking into account the dispatch and shut down instructions.

Currently, as per the anticipated coal supplies from SECL and fund release from MSEDCL, RPL has already brought 3rd unit on bar to make supply additional 245 MW to MSEDCL making total supplies close to 750 MW. Accordingly, RPL is using all measures including its good offices to get the required coal from SECL at earliest.

As regards sourcing of power from alternate sources is concerned, please note that RPL may opt to supply power from alternate sources at its option. Moreover, since the present situation is on account of prolonged shutdown instructions given by MSEDCL as well as reasons beyond the control of RPL, RPL is not liable to arrange or pay for supply of power from alternate sources. Further, it is also not certain for how long the dispatch instructions will be continued by MSEDCL and hence in this view, it is also not feasible to enter into any firm contract for sourcing power from alternate generating plants.

Please note that this is without prejudice to our rights and contentions in law as well as pending proceedings which are expressed reserved. We further request you to kindly release our payments at the earliest so as to make timely payments to SECL and WCL towards coal purchases.

Above details are being submitted for you kind perusal please.

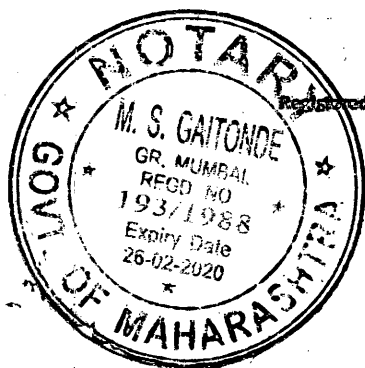
Thanking you,

For RattanIndia Power Limited



Authorized Signatory

Copy to: Executive Director (Commercial), MSEDCL, Mumbai



RattanIndia Power Limited

(Formerly Indiabulls Power Ltd.)

Registered Office: 5th Floor, Tower-B, Worldmark 1, Aerocity, New Delhi -110037

Tel: +91 11 66612666 Fax: +91 11 66612777

Website: www.rattanindia.com

CIN: L40102DL2007PLG169932

RattanIndia

Ref: RPL/Amravati/PPA/2017-18/123

Date: 4th May, 2017

"Without Prejudice"

To,
The Chief Engineer (Power Purchase),
Maharashtra State Electricity Distribution Co. Ltd.,
5th Floor, Prakashgad, Plot No. G-9,
Bandra-(East),
Mumbai - 400 051



Sub: Release of Payment by MSEDCL towards Penalty levied by South Eastern Coalfields Limited (SECL) in line with the PPA Provisions.

Ref: 1. SECL Letter to RPL dated 25.04.2017
2. PPA for 450 MW signed on 22.04.2010 and PPA for 750 MW signed on 05.06.2010

Dear Sir,

This has reference to the PPAs dated 22.04.2010 and 05.06.2010 for 450 MW and 750 MW respectively under which RattanIndia Power Limited (RPL) is supplying power to MSEDCL from its Amravati Thermal Power Plant (ATPP). The Power Plant has domestic linkage and has entered into Fuel Supply Agreement (FSA) dated 22nd December 2012 with South Eastern Coalfields Limited (SECL) for 5.49 mtpa and the same was communicated to your good office vide our letters in March 2013.

Under the instructions of MSEDCL, ATPP was under continuous shutdown for extended periods of time during FY 2016-17 in spite of availability of all 5 units. RPL made repeated requests to MSEDCL through various correspondences, including but not limited to following, to enable ATPP start generating its available capacity:

1. RPL Letter dated 21.05.2016, to allow running of atleast One Unit all the time and not force upon complete shutdown/zero schedule
2. RPL Letter dated 08.11.2016, to restrict its quoted Energy Charge to Rs. 2.5873/kWh
3. RPL Letters dated 22.07.2016, 07.01.2017 & 27.02.2017, requesting to allow Third Party Sale of Power

However, MSEDCL did not consider any requests favourably. The continuous shutdown of all units has resulted in:

- a) Loss of revenue;
- b) Losses on account of expenditure due to frequent startups and shutdowns at short intervals;
- c) Expenditure on purchase of power from the Grid for station auxiliary consumption during shutdown;
- d) Losses due to operating inefficiencies due to part load etc.

RattanIndia Power Limited

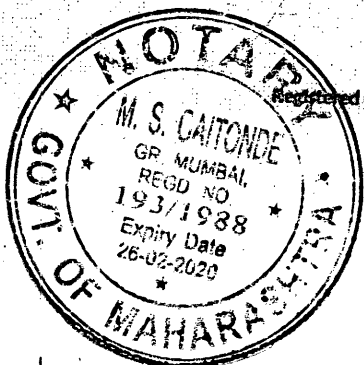
(Formerly Indiabulls Power Ltd.)

Registered Office: 5th Floor, Tower-B, Worldmark 1, Aerocity, New Delhi - 110037

Tel: +91 11 66612666 Fax: +91 11 66612777

Website: www.rattanindia.com

CIN: L40102DL2007PLC369082



RattanIndia

Consequent to substantial reduction in schedule during FY 2016-17 pursuant to instructions of MSEDCL, the coal purchase under aforesaid FSA was drastically affected and RPL was unable to procure the minimum guaranteed quantity of coal under the FSA due to no schedule given by MSEDCL. Accordingly, SECL vide its letter dated 25.04.2017 has demanded a compensation of Rs. 84,71,00,000/- for the Year 2016-17, on account of failure to procure minimum guaranteed quantity of coal under aforesaid FSA.

In terms of Clause 4.5 under Schedule A (Tariff) of aforesaid PPAs, MSEDCL is liable to compensate RPL for any penalties imposed by SECL on account of non-procurement of the minimum guaranteed quantity of fuel which is 75% of Annual Contracted Quantity as per the clause 4.6.1 of FSA. It may be noted that against availability of 100%, which is greater than the Minimum Guaranteed Off-take of 65% as per PPA, MSEDCL has scheduled only approx. 16% which is lesser than such Minimum Guaranteed Off-take. RPL under the requirement of said schedule has written various letters to MSEDCL intimating the gap between the minimum off take guarantee and deficit of coal offtake under the FSA from time to time.

You may kindly appreciate that RPL resorted to all reasonable efforts to get schedule from MSEDCL which could have enabled RPL to lift the coal from SECL as per FSA including sale of power by restricting its quoted energy charge and sale to third parties. However, MSEDCL has not responded to such requests.

SECL has mentioned in its letter dated 25.04.2017 that, the amount of Rs. 84,71,00,000/- is to be paid to them, within 30 days from the date of issuance of their letter i.e. by 24.05.2017

In view of the above, It is requested to your good office to release an amount of Rs. 84,71,00,000/- before 18.05.2017, so that the same can be transferred to SECL before 24.05.2017.

Please find attached herewith Supplementary Invoice as Annexure-I, as per the provisions of PPA to enable MSEDCL to make the payment to RPL, which in turn can be paid to SECL.

Your early action on the same shall be highly appreciated.

Thanking you,

For RattanIndia Power Limited

Authorized Signatory

Encl: 1. SECL Letter dated 25.04.2017
2. Supplementary Invoice as Annexure-I

Copy to: 1. Hon'ble CMD, MSEDCL, Mumbai
2. Executive Director (Commercial), MSEDCL, Mumbai

Received, Central Registry Unit
MSEDCL

RattanIndia Power Limited

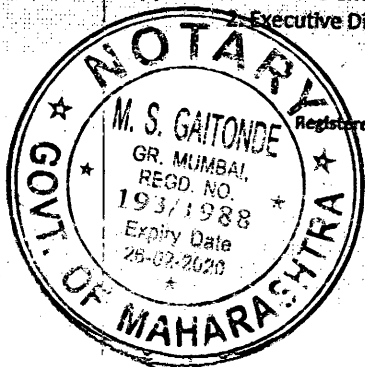
(Formerly Indiabulls Power Ltd.)

Registered Office: 5th Floor, Tower-B, Worldmark 1, Aerocity, New Delhi -110037

Tel: +91 11 66612666 Fax: +91 11 66612777

Website: www.rattanindia.com

CIN: L40102DL2007PLC169082





South Eastern Coalfields Limited

(A MINIRATRA PSU)
CIN : 010102CT1985GO1003161
Regd. Office: Seepat Road, Bilaspur (CG) - 495 006
SALES & MARKETING DEPARTMENT
Phone: 07752-246322, Fax: 07752-246472
Website: www.secl.gov.in

No. SECL/BSP/S&M/FSA/379/IPL/ 502

Date: 25.04.2017

To,
The CEO/Head,
Rattanindia Power Ltd.,
(Formerly known as Indiabulls Power Limited),
M-62 & 63, First Floor, Connaught Place,
New Delhi-110001

Sub: Request for releasing the allocated coal for the month of April'2017 under the FSA

Dear Sir,

This has reference to your letter No. RPL/Thermal/Amravati/2017-18/02 dated 11.04.2017 on the above subject requesting for release of coal for the month of April'2017 under FSA.

In this connection, it is to inform that as per the provisional booking figures available at this office for the FY 2016-17, your level of booking is 14.86%, which is less than 30% of ACQ, under the FSA dated 22.12.2012 for Amravati Thermal Power Project, 1350 MW (5x270 MW)(FSA Sl. No. N78 as per SECL list).

Further, CIL vide letter No. CIL:S&M:New Pol (47252):314 dated 24.04.2017 (copy of the same is available at www.coalindia.in) has approved that "an option shall be given to such power plants facing termination due to lifting of coal below 30% of ACQ in the immediate preceding year (FY) to keep their FSA alive. The Purchaser shall, however, have to pay the applicable compensation/penalty for the quantum of short lifting below the minimum assured level of lifting (Trigger)."

In view of above, an opportunity is being given to you to keep your FSA alive, by paying the tentative compensation amount of Rs. 84,71,00,000/- for the year 2016-17. This amount has been calculated based on the provisional booking figures of M/s Rattanindia Power Limited, available at this office, which may vary from the final compensation bill for the said period to be issued by CIL/SECL, Kolkata.

You are requested to submit the aforesaid amount within 30 days from the date of issuance of this letter failing which the coal supplies to your plant may be discontinued.

This is for your information and further-needful.

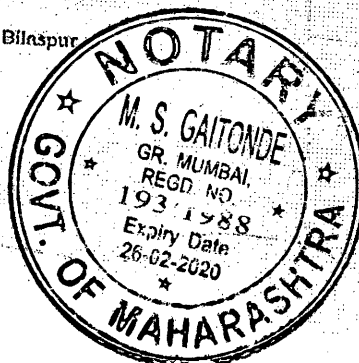
Your's faithfully
[Signature]
General Manager (S&M)

Copy for information & necessary action to:

1. GM (QC), SECL, Bilaspur
2. All Sectional Heads, S&M Deptt., SECL, Bilaspur
3. Sr. Manager (S&M), SECL, Kolkata
4. Chief Manager (Finance), SECL, Kolkata

Copy for kind information to:

1. DT (O), SECL, Bilaspur
2. GM (S&M), CIL, Kolkata
3. GM (S&M), CIL, New Delhi
4. TS to Director (Marketing)



District: Nandurbar

Maharashtra

Supplementary INVOICE
(Without Prejudice)

ORIGINAL

RattanIndia Power Limited

(Formerly known as Indiabulls Power Limited.)

Plot no D2 & D2 (Part) at additional Industrial area - Nandgaonpeth 444901 Taluka Amravati
Distt Amravati- MAHARASHTRA

TIN No. 27640658129 V/C Dated :- 15/05/2008 PAN No. AALCS2063D , CIN: L40102DL2007PLC169082

Registered Address:- 5th Floor, Tower B, Worldmark 1, Aerocity, New Delhi-110037, Phone:- 011-66612666 Fax:-011-66612777
Website:- www.rattanindia.com

To
Chief Engineer (Power Purchase)
Maharashtra State Electricity Distribution Company Limited
5th Floor, Prakashgad, Plot G-9, Anant Kanekar Marg
Bandra (East), Mumbai-400 051

Bill No.	450 & 750-01-2017-5(SI)	Last Bill No.	
Bill Date	4-May-17	Last Bill Date	
Payment Due Date	3-Jun-17	PPA Reference	PPA for 450 MW dated 22.4.2010 & PPA for 750 MW dated 5.6.2010
Power Station	Amravati Thermal Power Station		

Particulars

Qty (Kwh)	Rate(Rs/kwhr)	Amount in Rs.
-----------	---------------	---------------

Supplementary Invoice for provisional Compensation claim by SECL as per Clause- 4.5.1 of Schedule 4 of PPA (2016-2017) (Refer Annexure-1 for detailed summary)

847,100,000

Total(A+B) 847,100,000

Total Amount of VAT NIL

Other Charges
Total Amount (Rs.) 847,100,000

Rupees Eighty Four Crore Seventy One Lakh Only

Details of Bank A/c for Payment

Bank Name:- State Bank of India
Account No:- 32941172246
IFSC Code:- SBIND009996

Note:- I/We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax, 2002 is in force on the date on which the sale of the goods specified in this tax invoice is made by me/us and that the transaction of sale covered by this tax invoice has been effected by me/us and it shall be accounted for in the turnover of sales while filing of return and the due tax, if any, payable on the sale has been paid or shall be paid.

DECLARATION: Certified that the particulars given above are true and correct and the amounts indicated represents the price actually charged and that there is no flow of additional consideration directly or indirectly from the buyer

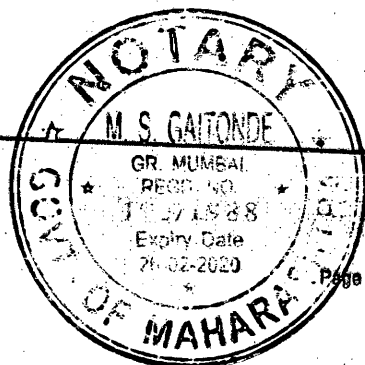
Contact Details:-

Head Office:- Arun Chopra, 5th Floor, Tower B, Worldmark 1, Aerocity, New Delhi-110037, Phone:- 011-66612666 Fax:-011-66612777
Email ID :- arun.chopra@rattanindia.com
Phone:- 011-66612601 Fax:- 011-66612620

Note:

- 1-VAT NIL (vide S. No. 20 of Schedule- A of MVAT)
- 2- Rebate would be allowed as per Article 8.3.6 of PPA
- 3- Late Payment Surcharge would be payable for delay in payment as per PPA
- 4- Any payment received would be adjusted as per Article 8.3 of PPA
5. As mention in the demand letter issued by SECL, the penalty amount calculated is on provisional basis and in case of any change in amount, the same will be intimated to your good office through separate letter/supplementary bill, as and when received

For RattanIndia Power Limited
(Signature)
Authorised Signatory



E&OE
Enclosed: Annexure-1

DUPLICATE

Supplementary INVOICE
(Without Prejudice)

RattanIndia Power Limited

(Formerly known as Indiabulls Power Limited.)
Plot no D2 & D2 (Part) at additional industrial area, Naridgaonpeth 444901 Taluka Amravati
Distt: Amravati- MAHARASHTRA
TIN No. 27640658129 V/C Dated :- 15/05/2008 PAN No. AALCS2063D , CIN: L40102DL2007PLC16908Z

Registered Address:- 5th Floor, Tower B, Worldmark 1, Aerocity, New Delhi - 110037, Phone:- 011-66612666 Fax:-011-66612777
Website:- www.rattanindia.com

To
Chief Engineer (Power Purchase)
Maharashtra State Electricity Distribution Company Limited
5th Floor, Prakashgad, Plot G-9, Anant Kanekar Marg
Bandra (East), Mumbai-400 051

Bill No.	450 & 750-01-2017-5(SI)	Last Bill No.	
Bill Date	4-May-17	Last Bill Date	
Payment Due Date	3-Jun-17	PPA Reference	PPA for 450 MW dated 22.4.2010 & PPA for 750 MW dated 5.6.2010
Power Station	Amravati Thermal Power Station		

Particulars	Qty (Kwh)	Rate(Rs/kwhr)	Amount In Rs.
Supplementary Invoice for provisional Compensation claim by SECL as per Clause- 4.5.1 of Schedule 4 of PPA (2016-2017) (Refer Annexure-1 for detailed summary)			847,100,000
Total(A+B)			847,100,000
Total Amount of VAT			NIL
Other Charges			
Total Amount (Rs.)			847,100,000

Details of Bank A/c for Payment

Bank Name:- State Bank of India
Account No:- 32941172246
IFSC Code:- SBIN0009996

Rupees Eighty Four Crore Seventy One Lakh Only

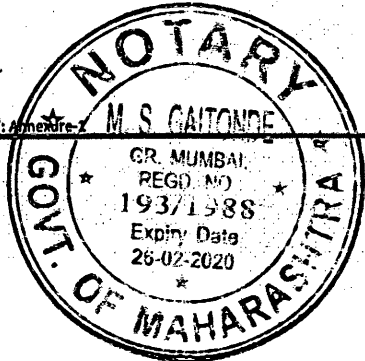
Note:- "I/We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax, 2002 is in force on the date on which the sale of the goods specified in this tax invoice is made by me/us and that the transaction of sale covered by this tax invoice has been effected by me/us and it shall be accounted for in the turnover of sales while filing of return and the due tax, if any, payable on the sale has been paid or shall be paid.

DECLARATION : Certified that the particulars given above are true and correct and the amounts indicated represents the price actually charged and that there is no flow of additional consideration directly or indirectly from the buyer.

Contact Details:-
Head Office:- Arun Chopra, 5th Floor, Tower B, Worldmark 1, Aerocity, New Delhi - 110037, Phone:- 011-66612666 Fax:-011-66612777
Email ID :- arun.chopra@rattanindia.com
Phone:- 011-66612601 Fax:- 011-66612620

- Note:
- 1-VAT NIL (vide S. No. 20 of Schedule- A of MVAT)
 - 2- Rebate would be allowed as per Article 8.3.6 of PPA
 - 3- Late Payment Surcharge would be payable for delay in payment as per PPA
 - 4- Any payment received would be adjusted as per Article 8.3 of PPA
 5. As mention in the demand letter issued by SECL, the penalty amount calculated is on provisional basis and in case of any change in amount, the same will be intimated to your good office through separate letter/supplementary bill, as and when received

For RattanIndia Power Limited
[Signature]
Authorised Signatory



E&OE
Enclosed: Annexure-1

TRIPPLICATE

Supplementary INVOICE
(Without Prejudice)

RattanIndia Power Limited

(Formerly known as Indiabulls Power Limited.)

Plot no D2 & D2 (Part) at additional industrial area : Nandgaonpeth 444901 Taluka Amravati
Distt Amravati- MAHARASHTRA

TIN No. 27640658129 V/C Dated :- 15/05/2008 PAN No. AALCS2063D, CIN: LAD102DL2007PLG169082

Registered Address:- 5th Floor, Tower B, Worldmark 1, Aerocity, New Delhi - 110037, Phone:- 011-66612666 Fax:- 011-66612777
Website:- www.rattanindia.com

To Chief Engineer (Power Purchase) Maharashtra State Electricity Distribution Company Limited 5th Floor, Prakashgad, Plot G-9, Anant Kanekar Marg Bandra (East), Mumbai-400 051	Bill No.	450 & 750-01-2017-S(SI)	Last Bill No.	
	Bill Date	4-May-17	Last Bill Date	
	Payment Due Date	3-Jun-17	PPA Reference	PPA for 450 MW dated 22.4.2010 & PPA for 750 MW dated 5.6.2010
	Power Station	Amravati Thermal Power Station		

Particulars	Qty (Kwh)	Rate(Rs/kwhr)	Amount in Rs.
Supplementary Invoice for provisional Compensation claim by SECL as per Clause- 4.5.1 of Schedule 4 of PPA (2016-2017) (Refer Annexure-1 for detailed summary)			847,100,000
Total(A+B)			847,100,000
Total Amount of VAT			NIL
Other Charges			
Total Amount (Rs.)			847,100,000

Details of Bank A/c for Payment	Rupees Eighty Four Crore Seventy One Lakh Only
Bank Name:- State Bank of India	
Account No:- 32941172246	
IFSC Code:- SBIN0009996	

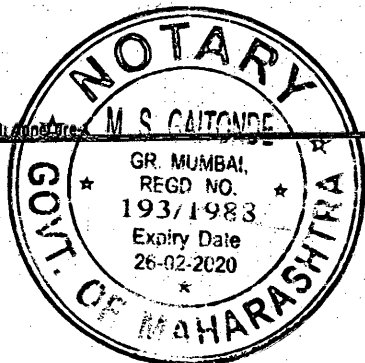
Note: "I/We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax, 2002 is in force on the date on which the sale of the goods specified in this tax invoice is made by me/us and that the transaction of sale covered by this tax invoice has been effected by me/us and it shall be accounted for in the turnover of sales while filing of return and the due tax, if any, payable on the sale has been paid or shall be paid.

DECLARATION : Certified that the particulars given above are true and correct and the amounts indicated represents the price actually charged and that there is no flow of additional consideration directly or indirectly from the buyer.

Contact Details :-
Head Office:- Arun Chopra, 5th Floor, Tower B, Worldmark 1, Aerocity, New Delhi - 110037, Phone:- 011-66612666 Fax:- 011-66612777
Email ID :- arun.chopra@rattanindia.com
Phone:- 011-66612601 Fax:- 011-66612620

- Note:
- 1-VAT NIL (vide S. No. 20 of Schedule- A of MVAT)
 - 2- Rebate would be allowed as per Article 8.3.6 of PPA
 - 3- Late Payment Surcharge would be payable for delay in payment as per PPA
 - 4- Any payment received would be adjusted as per Article 8.3 of PPA
 5. As mention in the demand letter issued by SECL, the penalty amount calculated is on provisional basis and in case of any change in amount, the same will be intimated to your good office through separate letter/supplementary bill, as and when received

For RattanIndia Power Limited
[Signature]
Authorised Signatory



E80E

Annexure-1 to INVOICE



South Eastern Coalfields Limited

(A MINIRATNA PSU)
CIN : U10102CT1985GO1003161
Regd. Office: Sceptat Road, Bilaspur (CG) - 495 006
SALES & MARKETING DEPARTMENT
Phone: 07752-246322, Fax: 07752-246472
Website: www.secl.gov.in

No. SECL/BSP/S&M/FSA/379/IPL/502

Date: 25.04.2017

To,
The CEO/Head,
RattanIndia Power Ltd.,
(Formerly known as Indiabulls Power Limited),
M-62 & 63, First Floor, Connaught Place,
New Delhi-110001

Sub: Request for releasing the allocated coal for the month of April 2017 under the FSA

Dear Sir,

This has reference to your letter No. RPL/Thermal/Amravati/2017-18/02 dated 11.04.2017 on the above subject requesting for release of coal for the month of April 2017 under FSA.

In this connection, it is to inform that as per the provisional booking figures available at this office for the FY 2016-17, your level of booking is 14.86%, which is less than 30% of ACQ, under the FSA dated 22.12.2012 for Amravati Thermal Power Project, 1350 MW (5x270 MW)(FSA Sl. No. N78 as per SECL list).

Further, CIL vide letter No. CIL:S&M:New Pol (47252):314 dated 24.04.2017 (copy of the same is available at www.coalindia.in) has approved that "an option shall be given to such power plants facing termination due to lifting of coal below 30% of ACQ in the immediate preceding year (FY) to keep their FSA alive. The Purchaser shall, however, have to pay the applicable compensation/penalty for the quantum of short lifting below the minimum assured level of lifting (Trigger)."

In view of above, an opportunity is being given to you to keep your FSA alive, by paying the tentative compensation amount of Rs. 84,71,00,000/- for the year 2016-17. This amount has been calculated based on the provisional booking figures of M/s RattanIndia Power Limited, available at this office, which may vary from the final compensation bill for the said period to be issued by CIL/SECL, Kolkata.

You are requested to submit the aforesaid amount within 30 days from the date of issuance of this letter failing which the coal supplies to your plant may be discontinued.

This is for your information and further needful.

Your's faithfully
A. S. Gaitonde
General Manager (S&M)

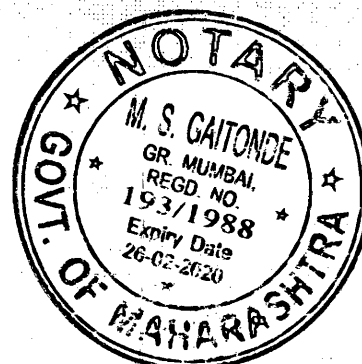
Copy for information & necessary action to:

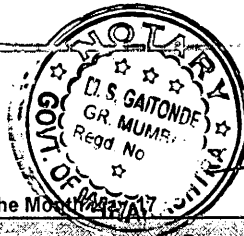
1. GM (QC), SECL, Bilaspur
2. All Sectional Heads, S&M Deptt., SECL, Bilaspur
3. Sr. Manager (S&M), SECL, Kolkata
4. Chief Manager (Finance), SECL, Kolkata

Copy for kind information to:

1. DT (O), SECL, Bilaspur
2. GM (S&M), CIL, Kolkata
3. GM (S&M), CIL, New Delhi
4. TB to Director (Marketing)

Page 4 of 4





ANNEXURE-3

Planned Load Shedding Implemented for the Month of May-17

Date	Group	Area	Imp. Time	Withdrawn Time	Duration	Reason	
1-May-17	G1,G2,G3	All	15:02	16:07	1:05	Due to Sysytem Condition	
2-May-17	G1,G2,G3	All	11:10	16:33	5:23		
			21:08	24:00	2:52		
	E,F	All	11:10	13:25	2:15		
			14:43	16:25	1:42		
			21:27	24:00	2:33		
D	All	12:13	12:55	0:42			
3-May-17	G1,G2,G3	All	0:00	7:05	7:05		
			8:55	16:35	7:40		
			22:45	24:00	1:15		
			0:00	6:03	6:03		
	E,F	All	9:01	16:19	7:18		
			4:57	6:03	1:06		
	D	All	9:19	16:13	6:54		
	C	All	4:57	6:03	1:06		
			15:15	16:05	0:50		
	B	Padgha	10:54	11:15	0:21	In Kalwa, Padgha EHV nodal. 400 KV Talegaon PG-Kalwa, 400 KV Talegaon PG-Khargar line tripped	
Kalwa		15:30	15:55	0:25			
4-May-17	G1,G2,G3	All	0:00	6:56	6:56	Due to Sysytem Condition	
			8:44	16:15	7:31		
			23:07	24:00	0:53		
	E, F	All	0:29	2:35	2:06		
			8:44	16:05	7:21		
			23:07	24:00	0:53		
	D	Kalwa	0:29	2:35	2:06		
			10:40	17:00	6:20		In Kalwa EHV nodal. 400 KV Talegaon PG-Kalwa, 400 KV Talegaon PG-Khargar line tripped
	C	Kalwa	0:40	17:00	6:20		
	5-May-17	G1,G2,G3	All	0:00	3:42		3:42
11:09				17:01	5:52		
E,F		All	0:00	3:33	3:33		
			11:09	16:08	5:49		
D		Kalwa, Apta, Lonikand	14:07	15:00	0:53		
		All except Kalwa, Apta & Lonikand	14:47	16:00	1:21		
Date	Group	Area	Imp Time	Withdrawn Time	Duration	Reason	
6-May-17	G1,G2,G3	All	8:10	16:49	8:39	Due to Sysytem Condition	
			8:10	16:49	8:39		
	E,F	All	8:44	16:08	7:24		
			8:44	16:08	7:24		
	C	Kareo & Lonikuno nodal	8:25	10:20	0:55		
			Nashik Nodal	9:25	10:29		1:04
			All	9:25	10:41		1:16
	B	Kareo & Ambazari Nodal	All	10:49	15:58		5:09
			All except Kareo & Ambazari Nodal	11:05	13:20		2:15
	22-May-17	E,F,G1,G2,G3	all	11:35	11:48		0:13
11:35				11:48	0:13		

