



Balu Ugale
597/C

24th November, 2015
CREG/MUM/MERC/2015/312

To,
Principal Secretary,
Maharashtra Electricity Regulatory Commission,
13th Floor, Centre No 1, World Trade Centre,
Cuffe Parade, Colaba,
Mumbai 400 005

MERC			
Inward No:	3554	Date	26/11/15
Chairman	Member	Member	
Secretary	Dir (EE)	Dir (T)	

Dear Sir,

Subject: Compliance to Renewable Purchase Obligation Target of Tata Power-D for FY 2014-15

Ref to your letter: MERC/RE CELL-6/RPO/2015-16/00842 dated 29th October, 2015

This has reference to the above mentioned letter regarding Verification and Compliance of the Renewable Purchase Obligation (RPO) targets of Tata Power-D for FY 2014-15, as specified under MERC (Renewable Purchase Obligation, its compliance and Implementation of REC framework) Regulations, 2010, wherein responses have been sought to the various queries raised.

We have enclosed our point wise Response on the same as **Appendix** to this letter.

We trust this satisfies your requirement.

Yours Faithfully,

(Bhaskar Sarkar)

Head – Business Strategy & Corporate Regulations



TATA POWER

The Tata Power Company Limited
Dharavi Receiving Station Regulations Department Matunga Mumbai 400019

Affidavit on behalf of The Tata Power Company Ltd

In the matter of: Verification and Compliance of Renewable Purchase Obligation targets of Tata Power -D for FY 2014-15 as specified under MERC (RPO-REC) Regulations, 2010.

I, Mr. Bhaskar Sarkar, son of Mr. Arup Kumar Sarkar, aged 50 years, Head Business & Regulations (Mumbai Operation) of The Tata Power Company Limited ("Petitioner/ Tata Power"), having my office at Dharavi Receiving Station, Near Shalimar Industrial Estate, Matunga, Mumbai 400 019, Maharashtra, India, do hereby state on solemn affirmation as under:-

1. I state that I am the authorized signatory of Tata Power, the Petitioner, in the present Petition and as such I am fully conversant with the facts and circumstances of the present case and I am duly authorized and competent on behalf of Tata Power to swear and affirm this Affidavit.
2. I state that, I have read and understood the accompanying Submissions in the captioned Petition and the same has been drafted under my instructions and after carefully going through the same, I state that the content of the same are true and correct to my knowledge and belief and it is stated that no part of it is false and nothing material has been concealed there from.
3. I state that, the Annexures along with the accompanying Submissions, if any, are true copies of their respective originals.

Deponent:

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VERIFICATION

I, the deponent above named, do hereby verify that the contents of my above Affidavit are true and correct, no part of it is false and nothing material has been concealed therefrom.

Verified at Mumbai on this 25th day of November, 2015.

[Signature]



Deponent:

Before me!
R. M. Master

Ms. ROSHAN M. MASTER
NOTARY, GREATER BOMBAY
2408, ORCHID TOWER A
BELLASIS ROAD,
MUMBAI - 400 008.
Reg. No. 404



S. No 12700
25/11/2015

Appendix

Verification and Compliance of Renewable Purchase Obligation targets of Tata Power -D for
FY 2014-15

Our point wise response to the queries raised by the Hon'ble Commission regarding RPO
Compliance is as follows:

a.) TPC-D should verify the RPO settlement details for FY 2014-15, as submitted by MEDA,
(copy attached as Annexure with this letter) and highlight discrepancies, if any, along with
the proper justification.

Response

We have verified the data submitted by MEDA regarding RPO for FY 2010-11, FY 2011-12, FY
2012-13, FY 2013-14 and FY 2014-15 and brought out the discrepancies in a comparison Table
provided below:

Table 1: Discrepancy in the RPO data for the period FY 2010-11 to FY 2014-15

Particulars	Requirement @ InSTS	Non-Solar		Mini / Micro		Solar target		Non-Solar		Mini / Micro		Solar	
		Target	Achieved	Hydro	target	Achieved	Hydro	Achieved	Achieved	Achieved			
FY 2010-11													
% Obligation		5.74%	0.01%	0.25%									
Data Submitted by MEDA	1	4619.91	265.38	0.27	11.55	219.17	0.00	0.05					
As per Tata Power-D	2	4619.91	265.38	0.27	11.55	219.17	0.00	0.05					
Discrepancy	3	0.00				0.00	0.00	0.00					
FY 2011-12													
% Obligation		6.74%	0.01%	0.25%									
Data Submitted by MEDA	1	6124.84	413.01	0.41	15.31	415.32	0.00	4.12					
As per Tata Power-D	2	6130.89	413.42	0.41	15.33	415.32	0.00	4.12					
Discrepancy	3	(6.05)				0.00	0.00	0.00					
FY 2012-13													
% Obligation		7.74%	0.01%	0.25%									
Data Submitted by MEDA	1	6948.82	537.84	0.54	17.37	584.31	0.00	4.70					
As per Tata Power-D	2	6921.86	535.75	0.54	17.30	583.76	0.00	4.70					
Discrepancy	3	26.96				0.55	0.00	0.00					
FY 2013-14													
% Obligation		8.48%	0.02%	0.50%									
Data Submitted by MEDA	1	6844.80	580.64	1.16	34.22	590.37	0.00	5.68					
As per Tata Power-D	2	6844.80	580.64	1.16	34.22	590.37	0.00	5.68					
Discrepancy	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
FY 2014-15													
% Obligation		8.48%	0.02%	0.50%									
Data Submitted by MEDA	1	6214.55	527.18	1.06	31.07	533.03	0.00	51.35					
As per Tata Power-D	2	6259.56	531.00	1.06	31.30	533.42	0.00	51.38					
Discrepancy	3	(45.01)				(0.39)	0.00	(0.03)					
Cumulative target as per MEDA				2.38	109.53		0.00	65.90					
Cumulative target as per Tata Power-D				3.44	109.70		0.00	65.94					
Surplus/(Shortfall) as per MEDA							(2.38)	(43.63)					
Surplus/(Shortfall) as per Tata Power-D							(3.44)	(43.77)					
Discrepancy							(1.06)	(0.14)					

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As seen from the above, there are minor discrepancies between the data submitted by MEDA and that of Tata Power-D. The reasons for the same are explained below:

1. The requirement of Tata Power-D considered at InSTS for computation of RPO requirement for the period FY 2010-11 to FY 2013-14 is based on the Truing up carried out by the Hon'ble Commission for the respective years. We request the Hon'ble Commission to consider the same.
2. The submission of Tata Power-D for FY 2011-12 regarding requirement of Tata Power-D at InSTS is based on the truing up carried out for FY 2011-12 in the Mid Term Review Order of the Hon'ble Commission in Case 18 of 2015. The difference is on account of the updation in changeover sales and Transmission Losses.
3. With respect to FY 2012-13, MEDA has considered the requirement at InSTS as 6948.82 MUs. In this regard, we wish to submit that the InSTS requirement of Tata Power-D approved by the Hon'ble Commission in their MTR Tariff Order in Case 18 of 2015 is 6921.86 MUs. The relevant Table from the Order is reproduced below for reference:

Table 4-5: Summary of Energy Balance for FY 2012-13 as approved by the Commission (MU)

Particulars	MYT Order	TPC-D Petition	Approved in this Order
TPC-D Sales (Retail) with 15 days Adjustments		3257.13	3257.13
Distribution Losses (%)	1.02%	1.07%	1.35%
Energy Requirement for Tata Power-D consumers at T<>D interface		3292.20	3301.58
Open Access Sales		7.31	7.31
Sale to Change-over consumers after adjusting for OA wind credit		3335.10	3335.10
Total Energy Requirement at T<>D		6627.30	6636.68
Transmission Loss (%)	4.17%	4.22%	4.12%
Total Energy Requirement at G<>T		6918.96	6921.86
Sale Outside Licence Area/Adjustments		26.96	26.96
Total Energy Requirement at G<>T Interface		6945.92	6948.82

It seems that MEDA has inadvertently considered the requirement along with the Outside License Area sale 'OLA' of 26.96 MUs. Accordingly, we request the Hon'ble Commission to consider the InSTS requirement of 6921.86 MUs for computation of RPO

4. Further, the difference in the energy requirement of Tata Power-D at InSTS in FY 2014-15 as compared to provided by MEDA is on account of the fact that Changeover Sales have been revised based on actual meter data while the MEDA data may have been considering initial readings based on the revenue schedules. In addition, the difference is also on account of updation of transmission losses based on MSLDC input data.
 5. The discrepancy in the RPO compliance targets for Solar, Non Solar and Mini / Micro Hydro are primarily arising out of discrepancy in the InSTS requirement of Tata Power-D as explained above.
 6. With respect to the discrepancy in "Non Solar achieved" of 0.55 MUs for FY 2012-13, we wish to submit that we have considered the "Non Solar achieved" as per the truing up carried out for FY 2012-13 in the MTR Order dated 26th June, 2015 in Case 18 of 2015.
 7. With respect to the discrepancies in "Non Solar achieved" and "Solar Achieved of 0.39 MUs and 0.03 MUs for FY 2014-15, we wish to submit that the data submitted to MEDA is based on credit notes received at the time of submission of data. Subsequently, on receipt of finalised credit notes from MSEDCL, there is a minor increase in the finalised "Non Solar achieved" and "Solar Achieved", which has been considered for FY 2014-15.
- b.) *TPC-D should submit the status of Solar RPO compliance of as per the directives of the Commission vide Orders in Case No. 182 of 2013 and Case No. 192 of 2014 along with detailed statement for project wise energy procurement in MUs from all solar generating projects and project wise contracted solar power capacity in MW during FY 2010-11 to FY 2014-15.*

Response

The Hon'ble Commission, in their two Orders mentioned above, had allowed Tata Power-D to meet its Solar Obligation on a cumulative basis upto FY 2015-16. The cumulative shortfall is as provided below:

Table 2: Source wise Solar Obligation / Shortfall from FY 2010-11 to 2014-15

Particulars	MUs				
	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15
Opening	0.00	11.50	22.70	35.30	63.85
Solar target	11.55	15.33	17.30	34.22	31.30
Solar RPO Met	0.05	4.12	4.70	5.68	51.38
Shortfall	11.50	22.70	35.30	63.85	43.77

As can be seen from the above Table, Tata Power-D has met a considerable amount of its Solar RPO shortfall in FY 2014-15 after its long term contract with Tata Power Renewable Energy Ltd. (TPREL) for 25 MW Solar Power Plant became operational. However, there is still a cumulative shortfall of 43.77 MUs which is required to be met along with the Solar RPO for FY 2015-16. Tata Power-D proposes to meet this requirement through its existing contracts and balance, if any, through REC purchase during FY 2015-16.

The detailed project wise summary of energy procurement in MUs from all Solar Generating Stations including energy procurement through REC is as given below:

Table 3: Source wise Solar generation from FY 2010-11 to 2014-15

Resources	Contracted Capacity	FY 2010-11					FY 2011-12					FY 2012-13					FY 2013-14					FY 2014-15					Cumulative Solar RPO Achievement by FY 2014-15
		MW	MUs	MUs	MUs	MUs	MW	MUs	MUs	MUs	MUs	MW	MUs	MUs	MUs	MUs	MW	MUs	MUs	MUs	MUs	MW	MUs	MUs			
Mulashi Solar	3 MW		0.05		4.03				4.33					4.05				4.12						16.58			
Solar Rooftop	60 kWp		0.00		0.09				0.07					0.06				0.07						0.29			
Palaswadi Solar	25 MW		0.00		0.00				0.00					0.00				38.19						38.19			
REC Certificate - Solar	-		0.00		0.00				0.31					1.57				9.00						10.87			
Total			0.05		4.12				4.70					5.68				51.38						65.94			

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c.) TPC-D should submit the status of Non-Solar RPO compliance including Mini-Micro Hydro RPO compliance of as per the directives of the Commission vide Orders in Case No. 182 of 2013 and Case No. 192 of 2014 along with detailed statement for project wise energy procurement in MUs from all Non-Solar RE generating projects and project wise contracted Non-Solar RE power capacity in MW including Mini-Micro Hydro projects during FY 2010- 11 to FY 2014 -15.

Response

The status of Non-Solar RPO compliance excluding Mini- Micro Hydro RPO compliance based on the directions of the Hon'ble Commission is as given below:

Table 4: Source wise Non Solar Generation from FY 2010-11 to 2014-15

Sources	Contracted Capacity		FY 2010-11		FY 2011-12		FY 2012-13		FY 2013-14		FY 2014-15		Cumulative Non Solar RPO Achievement by FY 2014-15	
	MW	MUs	MUs	MUs	MUs	MUs	MUs	MUs	MUs	MUs	MUs	MUs	MUs	MUs
Supa	17.00	22.96	19.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.59	
Nivede	20.95	0.00	0.00	30.41	23.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.12	
Khandke	50.40	96.43	108.41	110.32	113.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	526.26	
Bramhanvel	11.25	16.03	17.09	18.98	18.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.12	
Sadawaghapur	17.50	26.18	32.14	31.36	29.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	144.99	
Visapur 6 MW	6.00	0.00	12.75	11.94	13.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.41	
Visapur 4 MW	4.00	7.42	7.59	7.47	7.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.04	
Visapur (GSW) 24 MW	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.65	
Visapur (GSW) 8 MW	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	
Agaswadi	49.50	0.00	29.33	112.28	113.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	356.13	
Bilateral	-	50.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.14	
REC	-	0.00	188.39	261.00	271.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	984.94	
Total	208.60	219.17	415.32	583.76	590.37	583.76	590.37	590.37	590.37	590.37	590.37	590.37	2342.04	

In this regards, we wish to submit that the shortfall in Non Solar Obligation excluding Mini and Micro Hydro Power Projects has been achieved cumulatively upto FY 2013-14 and the same was approved by the Hon'ble Commission. Further, Tata Power-D has also met its "Non Solar RPO" excluding Mini / Micro Hydro for FY 2014-15 by procuring 533.42 MUs against RPO target of 531 MUs.

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With respect to Mini / Micro Hydro compliance till FY 2014-15, which was allowed by the Hon'ble Commission to be fulfilled cumulatively till FY 2015-16, we wish to submit that Tata Power-D till the end of FY 2014-15 has not achieved the same on account of adequate availability of Mini / Micro Projects in the State of Maharashtra. Further, there are no separate RECs available for Mini / Micro Hydro Projects. The status of the RPO compliance for Mini / Micro Hydro is provided in the Table below:

Table 5: Status of Mini / Micro Hydro Obligation from FY 2010-11 to 2014-15

Particulars	MUs				
	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15
Opening	0.00	0.27	0.68	1.22	2.38
Mini / Micro Hydro target	0.27	0.41	0.54	1.16	1.06
Mini / Micro Hydro achieved	0.00	0.00	0.00	0.00	0.00
Shortfall	0.27	0.68	1.22	2.38	3.44

- d.) TPC-D should submit detailed list of actions and efforts undertaken by it prior to and during FY 2014-15 to ensure compliance of RPO targets in respect of Solar RPO, Non-solar RPO and mini/micro hydro RPO for FY 2014-15.
- e.) TPC-D should submit the details for long terms RE procurement plan for meeting the RPO targets for FY 2015-16.

Response

Solar RPO

With respect to Solar RPO, we wish to submit that, we have met the standalone target of FY 2014-15 of 31.30 MUs. With respect to the cumulative compliance of Solar RPO, we had a shortfall of 63.85 MUs at the end of FY 2013-14 of which 20.08 MUs has been met in FY 2014-15 and there is a balance of 43.77 MUs to be met in FY 2015-16 along with the standalone Solar RPO of FY 2015-16.

In this regard, we wish to submit that consequent to the operationalising of the contracted capacity of 25 MW Solar Power Plant of TPREL, Tata Power-D has already met part of the

cumulative compliance of previous years in FY 2014-15. Accordingly, in FY 2015-16, Tata Power-D would have an excess generation from its contracted capacities to meet the balance of previous years over and above the requirement of FY 2015-16. In view of this, we would be in a position to fulfill the Solar RPO cumulatively by the end of FY 2015-16 with the help of contracted capacities and Solar RECs procured through Exchange.

Table 6: Long Term Power Purchase Agreements from Solar Renewable Sources shown in table below

Sources	Contracted Capacity (MW)
Wind	
Solar	
Mulshi	3.00
Carnac Roof Top	0.72
Palaswadi	25.00
Total	28.72

Non Solar RPO

As can be seen from the above submissions, Tata Power-D has met the Non-Solar Obligation cumulatively for all the years since FY 2010-11 to FY 2014-15. Further, Tata Power-D has enough contracted capacities already tied up to meet the Non-Solar RPO for FY 2015-16 (Refer Table below). Any expected shortfall would be met by procuring Non Solar RECs on the Exchange.

Table 7: Long Term Power Purchase Agreements from Non Solar Renewable Sources shown in table below

Sources	Contracted Capacity (MW)
Wind	
Khandke	50.40
Bramanvel	11.25
Sadawaghapur	17.50
Visapur 6 MW	6.00
Visapur 4 MW	4.00
Agaswadi	49.50
Visapur	32.00
Total	170.65

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Mini / Micro Hydro RPO

In line with the directive of the Hon'ble Commission, Tata Power-D has taken significant efforts to procure energy from Mini / Micro Hydro projects during the year FY 2014-15, which have been elaborated below:

- i. Tata Power-D floated a tender on 25th November, 2014 (**Annexure I**) and published advertisements in newspapers (English & Marathi language) on 29th November, 2014 for procurement of Mini-Micro Hydro Power (**Annexure II**). However Tata Power-D did not receive a single response for these tender.
- ii. Tata Power-D once again floated tender on 22nd June, 2015 (**Annexure III**) and published advertisements in newspapers (English & Marathi language) on 29th June, 2015 for procurement of Mini-Micro Hydro Power (**Annexure IV**). However, for this tender also, Tata Power-D did not receive a single response.
- iii. Further, Tata Power-D approached Mini/Micro Hydro generator M/s. Water Resource Technologies Pvt. Limited (**Annexure V**). However, its plant is proposed to commission in the year FY 2016-17.
- iv. In spite of the above efforts, Tata power-D has been unable to achieve its obligation with respect to Mini-Micro Hydro RPO.
- v. Meanwhile, we understand that Tata Power-G is exploring the development of Mini / Micro Hydro Projects at their Hydro Generating Stations. As and when these projects fructify, we propose to tie up these capacities for meeting Mini / Micro Hydro RPO.
- vi. In spite of the above efforts, if Tata Power-D is unable to meet its Mini / Micro Hydro RPO, we request the Hon'ble Commission to meet the same through purchase of RECs during FY 2015-16.

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Annexure I

EOI No. PP- 04/ Tata Power/ 2014-15

Dated: 25.11.2014

Expression of Interest for Procurement of Mini/ Micro Hydro Renewable Power for the Year 2015

The Tata Power Company Ltd. (Herein after referred as 'Tata Power') , a distribution licensee supplying electricity in the Mumbai City, intends to procure power from Mini/ Micro Hydro Renewable Energy Sources to meet their Renewable Purchase Obligation as per MERC regulation 2010 on Renewable Purchase Obligation, its compliance and implementation of REC framework dated 7th June, 2010.

Tata Power intends to procure up to 4.5 Million Units from Mini/ Micro Hydro renewable energy sources for meeting the Renewable Power Obligation, for the period 1st January 2015 to 31st December 2015. Offers are invited from Mini/ Micro Hydro RE developers or Traders or any utility or industry to supply power generated through Mini/ Micro Hydro Renewable Energy Sources, at a rate as approved by MERC order dated 7th July 2014, under case no-100 of 2014.

The offers with details as per Annexure "B" with acceptance of terms and conditions of Tata Power as given in Annexure "A" shall be submitted in a sealed envelope to the following address on or before 1400 hrs on 15.12.2014.

Head,
Power System Control Center,
The Tata Power Company Ltd
Trombay Thermal Power Station 'A'
Mahul Road, Chembur,
Mumbai - 400 0074.
Phone No: 022 - 67175377
Fax: 022 - 67175385

Handwritten signature

Head - PSCC



100% Recycled Paper

TATA POWER

The Tata Power Company Limited
Power System Control Center Trombay Thermal Power Station Mahul Road Chembur Mumbai 400 074
Tel 91 22 6668 7091 2554 3331 Fax 91 22 6717 5385



Terms and conditions

- 1) Only Grid connected RE generation projects are eligible to meet RPS Obligation of distribution licensees. The responsibility of metering and certified meter reading shall be of supplier and would be as per relevant Regulation of the Commission as applicable. . .
- 2) As per MERC (Terms and Conditions for determination of RE Tariff) ,Regulations, 2010 dated June 7, 2010, 'Mini/Micro Hydro' means Hydro Power projects with a station capacity up to and including 1 MW. Hence offers from such eligible projects only will be accepted.
- 3) The rate offered shall be as per the Tariff approved in MERC order dated 7th July 2014, under case no-100 of 2014 determining the tariff for various RE sources. In case of revision in tariff by MERC same shall be applicable as per relevant MERC order.
- 4) Tata Power reserves the right to reject any or all the offers without assigning any reasons what so ever. It is also not binding on Tata Power to disclose any analysis report on offers. Once the acceptance of the offer is conveyed, the Trader(s)/Supplier would be bound to supply the power as per the contract. Tata Power reserves the right to enter into letter of agreement with one or more of the supplier and decide the quantum of power.

ANNEXURE "B"

Details of information to be included in the offer for Purchase of Mini/ Micro Hydro Renewable Power .

1. Name and address of the Mini/Micro Hydro RE source :
2. Contact details :
3. Date of commissioning :
4. Location of the project :
5. Installed capacity (MW):
6. Capacity intended for sale(MW)under this offer :
7. Whether the firm is availing accelerated depreciation benefit?
8. Period of supply :
9. point of Injection:
10. Voltage level at injection point :
11. Mus offered under this EOI:
12. Offer price and break up if any :

Seal and signature of Trader

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Annexure II

www.financialexpress.com

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The Tata Power Company Limited

Power System Control Center, Trombay Thermal Power Station,
Mahul Road, Chembur, Mumbai - 400 074

Tel. : 91 22 67175377 Fax : 91 22 67175385

Registered Office: Bombay House, 24, Horni Mody Street,
Mumbai - 400 001

**Expression of Interest for Procurement of
Mini/ Micro Hydro Renewable Power**

The Tata Power Company Ltd. (Herein after referred as 'Tata Power'), a distribution licensee supplying electricity in the Mumbai City, intends to procure power from Mini/ Micro Hydro Renewable Energy Sources to meet their Renewable Purchase Obligation as per MERC regulation 2010 on Renewable Purchase Obligation, its compliance and implementation of REC framework dated 7th June, 2010.

Tata Power intends to procure up to 4.5 Million Units from Mini/ Micro Hydro renewable energy sources for meeting the Renewable Power Obligation, for the period 1st January 2015 to 31st December 2015. Offers are invited from Mini/ Micro Hydro RE developers or Traders or any utility or industry to supply power generated through Mini/ Micro Hydro Renewable Energy Sources, at a rate as approved by MERC order dated 7th July 2014, under case no-100 of 2014.

The details required to be furnished and the terms and conditions are available in the www.tatapower.com website. The offers shall be submitted in a sealed envelope in above mentioned address on or before 1400 hrs on 15.12.2014.

Head - PSCC - Tata Power Company Limited.

(CIN: L28920MH1919PLC000567)

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मुंबई, शनिवार, २९ नोव्हेंबर २०१४ *

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पॉवर सिस्टीम कन्ट्रोल सेक्टर, टॉम्बे वर्मल पॉवर स्टेशन,

माहुल रोड, चेन्नई, मुंबई-४०० ०७४

फोन : ९१ २२ ६७१७५३७७ फॅक्स : ९१ २२ ६७१७५३८५

नॉटिफिकृत कार्यालय : बॉम्बे हाऊस, २४, होमी मोदी स्ट्रीट, मुंबई-४०० ००१

मिनी/माइक्रो हायड्रो रिन्यूएबल पॉवरच्या

प्रापणासाठी स्वारस्याची अभिव्यक्ती

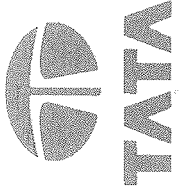
बी टाटा पॉवर कंपनी लि. (इथून पुढे टाटा पॉवर असे संबोधिलेली), मुंबई शाहादत विद्युत्पुरवठा कंपनीने विवरण अनुसंधानाकरिता हे अक्षय्य ऊर्जा खरेदी बंधनावरील एमईआरसी रिव्युएशन २०१०, त्याचे अनुपालन व ७ जून २०१० दिनांकित आरडसी प्रिभावकीची अंमलबजावणीनुसार त्यांच्या अक्षय्य ऊर्जा खरेदी बंधनाची पूर्तता करण्यासाठी मिनी/ माइक्रो हायड्रो रिन्यूएबल एनर्जी सोल्युशन्स वीज प्रापण करू इच्छितात.

टाटा पॉवर, १ जानेवारी २०१५, ते ३१ डिसेंबर २०१५ या कालावधीसाठी अक्षय्य ऊर्जा बंधनाची पूर्तता करण्याकरिता मिनी/ माइक्रो हायड्रो रिन्यूएबल एनर्जी सोल्युशन्स ४.५ टक्के व युनिटांपर्यंत वीज प्रापण करू इच्छितात. २०१४चे प्रकरण क्र. १०० अंतर्गत, ७ जून २०१४ दिनांकित एमईआरसी आदेशाद्वारे संजुल केलेल्या ठराने, मिनी/ माइक्रो हायड्रो अर्बई डेव्हलपर्सकडून किंवा ट्रेडर्स अथवा कोणतीही युटिलिटी वा इंडस्ट्री योजककडून मिनी/ माइक्रो हायड्रो रिन्यूएबल एनर्जी सोल्युशन्ससाठी प्रस्ताव मागविण्यात येत आहेत.

सादर करण्याचे तपशील आणि अटी व शर्ती वेबसाइटवर www.tatapower.com मध्ये उपलब्ध आहेत. प्रस्ताव १५.१२.२०१४ रोजी दुपारी २ वाजेपर्यंत किंवा त्यापूर्वी उपरोक्तित फत्यावर मोहोरबंद लिजाफायामधून सादर करावेत.

प्रमुख : मीएससीसी - टाटा पॉवर कंपनी लिमिटेड

(बीआयएल : एल२८२०एमएव१११पीएलसी०००६६७)



Annexure III

EOI No. PP- 01/ Tata Power/ 2015-16

Dated: 22.06.2015

Expression of Interest for Procurement of Mini/ Micro Hydro Renewable Power for FY- 16

The Tata Power Company Ltd. (Herein after referred as 'Tata Power') , a distribution licensee supplying electricity in the Mumbai City, intends to procure power from Mini/ Micro Hydro Renewable Energy Sources to meet their Renewable Purchase Obligation as per MERC regulation 2010 on Renewable Purchase Obligation, its compliance and implementation of REC framework dated 7th June, 2010.

Tata Power intends to procure up to 4.5 Million Units from Mini / Micro Hydro renewable energy sources for meeting the Renewable Power Obligation, for the period 1st August 2015 to 31st March 2016. Offers are invited from Mini / Micro Hydro RE developers or Traders or any utility or industry to supply power generated through Mini / Micro Hydro Renewable Energy Sources, at a rate as approved by MERC order dated 7th July 2014, under case no-100 of 2014.

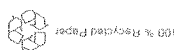
The offers with details as per Annexure "B" with acceptance of terms and conditions of Tata Power as given in Annexure "A" shall be submitted in a sealed envelope to the following address on or before 1400 hrs on 15.07.2015.

Head,
Power System Control Center,
The Tata Power Company Ltd
Trombay Thermal Power Station 'A'
Mahul Road, Chembur,
Mumbai - 400 074.
Phone No: 022 - 67175377
Fax: 022 - 67175385

Head - PSCC

TATA POWER

The Tata Power Company Limited
Power System Control Center, Trombay Thermal Power Station, Mahul Road, Chembur, Mumbai-400-074
Tel: 91 22 6668 7091, 2554 3331, Fax 91 22 6717 5385





TATA
ANNEXURE "A"

Terms and conditions

- 1) Only Grid connected RE generation projects are eligible to meet RPS Obligation of distribution licensees. The responsibility of metering and certified meter reading shall be of supplier and would be as per relevant Regulation of the Commission as applicable.
- 2) As per MERC (Terms and Conditions for determination of RE Tariff) Regulations, 2010 dated June 7, 2010, 'Mini/Micro Hydro' means Hydro Power projects with a station capacity up to and including 1 MW. Hence offers from such eligible projects only will be accepted.
- 3) The rate offered shall be as per the Tariff approved in MERC order dated 7th July 2014, under case no-100 of 2014 determining the tariff for various RE sources. In case of revision in tariff by MERC same shall be applicable as per relevant MERC order.
- 4) Tata Power reserves the right to reject any or all the offers without assigning any reasons what so ever. It is also not binding on Tata Power to disclose any analysis report on offers. Once the acceptance of the offer is conveyed, the Trader(s)/Supplier would be bound to supply the power as per the contract. Tata Power reserves the right to enter into letter of agreement with one or more of the supplier and decide the quantum of power.

ANNEXURE "B"

Details of information to be included in the offer for Purchase of Mini/ Micro Hydro Renewable Power .

1. Name and address of the Mini/Micro Hydro RE source :
2. Contact details :
3. Date of commissioning :
4. Location of the project :
5. Installed capacity (MW):
6. Capacity intended for sale(MW)under this offer :
7. Whether the firm is availing accelerated depreciation benefit?
8. Period of supply :
9. Point of Injection:
10. Voltage level at injection point :
11. MUs offered under this EOI:
12. Offer price and break up if any :

Seal and signature of Bidder

मुंबई राज्य

★ मुंबई, सोमवार, २९ जून २०१५

७

कोकसता

टाटा
टाटा पॉवर

दि टाटा पॉवर कंपनी लिमिटेड

पॉवर सिस्टम कंट्रोल सेटर, ट्रायबे कर्मा पॉवर स्टेशन, माहूल रोड, वेरूळ, मुंबई-४०००७४.
टेली : ९१२२२ ६७१७५३७७, फॅक्स : ९१२२२ ६७१७५३८५,
नौवर्गीकृत कार्यालय : बॉम्बे हाऊस, २४ होमी मोदी स्क्वेट, मुंबई-४००००९
वेबसाइट : www.tata.power.com

**मिनी/मायक्रो हायड्रो रिन्युव्हेबल पॉवरच्या
प्राप्णाकारिता स्वास्थ्याची अभिव्यक्ती**

दि टाटा पॉवर कंपनी लिमिटेड (यापुढे 'टाटा पॉवर' म्हणून संदर्भित), मुंबई राहणार वॉजपुर्वठा करणारी एक वितरण पत्रावाधारक, रिन्युव्हेबल पॉवर ऑप्लियेशनवर एमईआरसी रेग्युलेशन २०१० नुसार त्याच्या रिन्युव्हेबल पॉवर ऑप्लियेशनची पूर्णता होण्याकरिता मिनी/मायक्रो हायड्रो रिन्युव्हेबल एनर्जी सोल्युशन्स, तिच्या दिनांकित ७ जून, २०१० आइसी प्रेमवर्कचे कार्यान्वयन व अनुपालनार्थ, विजेचे प्राप्णा करू इच्छित आहेत.

टाटा पॉवर १ ऑगस्ट २०१५ ते ३१ मार्च २०१६ या कालावधीकरिता रिन्युव्हेबल पॉवर ऑप्लियेशनची पूर्णता करण्याकरिता मिनी/मायक्रो हायड्रो रिन्युव्हेबल एनर्जी सोल्युशन्स ४-५ मिलियन युनिटपर्यंत प्राप्णा करू इच्छित आहेत. २०१४ च्या प्रकरणा क्र. १०० अंतर्गत, दिनांकित ७ जुलै २०१४, एमईआरसीच्या आदेशाद्वारा मान्य केलेल्या दरात मिनी/मायक्रो हायड्रो आई डेव्हलपर्स किंवा ट्रेडर्स किंवा कोणतीही युटिलिटी किंवा इंडस्ट्रिकल/मिनी/मायक्रो हायड्रो रिन्युव्हेबल एनर्जी सोल्युशन्स निमित्त केलेल्या विजेची पुरवठा करण्यासाठी प्रस्ताव मागविण्यात आले आहेत.

भारवायाचा आवश्यक तपशील तसेच राती व अंटी www.tatapower.com या वेबसाइटवर वर्ष २०१५-१६ करिता मिनी/मायक्रो हायड्रो रिन्युव्हेबल पॉवरच्या प्राप्णाकारिता स्वास्थ्याची अभिव्यक्ती याप्रमाणे लिंकवर उपलब्ध आहेत. प्रस्ताव १५.०७.२०१५ रोजी ३.०२.०० वा, किंवा तत्पूर्वी, कॅ नमूद केलेल्या पत्र्यावर माहोल्बंद लिखाण्यात सादर करावयाचे आहेत.

हेड - पीप्लिसीची, टाटा पॉवर कंपनी लिमिटेड
CIN No. : L28920MH1919FLC000567

ECONOMY & PUBLIC AFFAIRS 17


TATA
TATA POWER
THE TATA POWER COMPANY LIMITED
Tata Power Limited, 11th Floor, 11th Avenue, Colaba, Mumbai - 400 075, India
Registered Office: 11th Floor, 11th Avenue, Colaba, Mumbai - 400 075, India

Expression of Interest for Procurement of Mini/Micro Hydro Renewable Power

The Tata Power Company Ltd. (Herein after referred as 'Tata Power') a distribution licensee supplying electricity in the Mumbai City, intends to procure power from Mini/Micro Hydro Renewable Energy Sources to meet their Renewable Purchase Obligation as per MERC regulation 2010 on Renewable Purchase Obligation, its compliance and implementation of REC framework dated 7th June, 2010.

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The details required to be furnished and the terms and conditions are available on the link as **Expression of Interest for Procurement of Mini/Micro Hydro Renewable Power for the Year 2015-16** on www.tatapower.com website. The offers shall be submitted in a sealed envelope in above mentioned address on or before 1400 hrs on 15.07.2015.

Head - PSCC - Tata Power Company Limited.

Cell No. 1-022-26111100

WAT-ERE-SOURCE TECHNOLOGIES PVT.LIMITED



Ref: Karwand/2015/MSEDCL/02/07

Thursday, 23 July 2015

To,
Mr.Bhaskar Sarkar
Business Strategy & Regulations
Tata Power Company Limited
Dharavi Receiving Station Regulations Department
Matunga-Mumbai-400 019
Tel: 022-67172628 Email: bhaskar.sarkar@tatapower.com

Subject : Sale of power from 2x 0.75MW Hydro Power Project to be set up at Karwand Dam
Village Hadakhed Tal. Shirpur Dist. Dhule

Reference : Our proposal Ref: Karwand/2015/MSEDCL/05/05 dated Tuesday, 26 May 2015

Sir,

Our company is in the process of setting up 1.5MW HEP at above mentioned project site. Company has received all the clearances and wishes to sign the EPA. Project brief details are:-

Location : Karwand Dam, village Hadakhed Tal. Shirpur Dist. Dhule
Energy/Annum : 2.27MUS (75% dependability) and 2.83MUS (@50% dependability)
Grid connectivity : 132/33KV Shirpur substation
Project clearances : Received
Expected generation : By June 2016

You are requested to confirm your interest in purchase of power from the said projects and send the draft of EPA. Requiring more information please feel free to contact us.

Thanking you.

For Wat-ere-source Technologies P Limited

D.S.Kulkarni
Managing Director