

CENTRAL RAILWAY



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No.LRE.233.P.8.MEDA

The Secretary,  
Maharashtra Electricity Regulatory Commission  
13<sup>th</sup> Floor, World Trade Centre,  
Cuffe Parade, Mumbai-400 005.

MERC		
Inward No: 0086	Date: 5/1/18	
Chairman	Member	Member
Secretary	Executive Director	
Director (EE)	Director (T)	

4<sup>th</sup> Jan 2018

DA  
5/1/18

**Sub:** Verification of compliance of Renewable Purchase Obligation Targets of Indian Railways as a deemed Distribution Licensee, for FY 2016-17, as specified under RPO Regulations, 2016.

**Ref:** MERC's letter no. MERC/RE Cell/RPO/2016-17/4743 dated 21.11.2017


Sir,

With reference to above subject please find the submission of Indian Railway for Verification of compliance of Renewable Purchase Obligation Targets of Indian Railways as a deemed Distribution Licensee, for FY 2016-17, as specified under RPO Regulations, 2016 is enclosed herewith.

This may please be taken on record and be placed before Hon'ble Commission.

DA: Affidavit (1+6) copies.

Yours faithfully,

  
Deputy Chief Electrical Engineer,  
Traction Distribution,  
Central Railway

309/6

BEFORE MAHARASHTRA ELECTRICITY REGULATORY COMMISSION,  
MUMBAI

IN THE MATTER OF:

RPO compliance data submitted by MEDA vide letter dated 21<sup>st</sup> November 2017

AND

IN THE MATTER OF:



Letter dated 21<sup>st</sup> November 2017 bearing reference no. MERC/RE Cell/RPO/2016-17/4743 from Executive Director, MERC address to Indian Railways (IR) seeking verification of compliance of Renewable Purchase Obligation Targets of Indian Railways as a deemed Distribution Licensee, for FY 2016-17, as specified under RPO Regulations, 2016.

**Affidavit in Reply on behalf of Indian Railways**

I, S.K. Shukla, son of R.P. Shukla, presently, working as Deputy Chief Electrical Engineer, Traction Distribution/ Central Railway, CST Mumbai - 400 001, do hereby solemnly affirm and say as follows:

The present affidavit is filed by Indian Railways (IR) in response to Hon'ble Commission's letter dated 21<sup>st</sup> November 2017 referred herein above. The reply/confirmations/justification sought from IR is reproduced hereinunder:

**a) Indian Railways should verify the RPO settlement details for FY 2016-17, as submitted by MEDA, (copy attached as Annexure with this letter) and highlight discrepancies, if any along with proper justification.**

i. RPO settlement data of IR for FY 2016-17 as submitted by MEDA is as reproduced under:

Item	MU
Gross Energy Consumption	2282.1071
<b>Solar RPO</b>	
Target (1.0%)	22.821071
Achievement	0
Shortfall	22.821071
<b>Non-Solar RPO</b>	
Target (10%)	228.210719
Achievement	0
Shortfall	228.210719
<b>Mini/Micro Hydro RPO (within Non-Solar)</b>	
Target (0.2% of Non-Solar RPO)	0.456421
Achievement	0
Shortfall	0.456421

ii. It is submitted that MEDA has considered figures for FY 2016-17 as per submission of Indian Railways vide its letter dated 13.09.2017.

**b) Indian Railways should submit the details status of Solar, non-Solar RPO targets compliance including Mini-Micro Hydro RPO compliance of as per the directives of**



- i. In accordance with MERC's RPO Regulation 2010 that is applicable upto 31 March 2016 (end of FY 2015-16), the Solar obligation of IR was 0.50% amounting to 3.26 MUs and the Non-Solar obligation of IR was 8.50% amounting to 55.53 MUs which includes Mini/Micro Hydro RPO of IR was 0.11 MUs for FY 2015-16.
- ii. Indian Railways submits that Hon'ble commission in its order dated 4<sup>th</sup> July 2017 has allowed Indian Railways to meet its RPO shortfall of 2015-16 by the end of FY 2017-18. to the extent that it has not already made up for it in FY 2016-17 through own RE generation, procurement of RE power and/or purchase of RECs. IR has evaluated the available options for fulfillment of its RPO and under present circumstances the only available option for IR is procurement of REC.
- iii. It is also to mention that presently, only Non-Solar RECs are being traded in power exchanges and trading of Solar RECs has been suspended by the Hon'ble Supreme court vide its order dated 14<sup>th</sup> July 2017 while disposing the Civil Appeal No. 6083/2017 and 6334/2014 (copy of relevant CERC letter attached as **Annexure-1**). Thus, even under the option of procurement of RECs, IR can only avail procurement of Non-Solar RECs. We would like to inform Honorable Commission that IR has taken necessary steps towards procurement of RECs and is in advanced stages of completion of necessary formalities with Trader/ Member of power exchange.
- iv. Railway will endeavor to fulfill RPO obligation as specified by Honorable Commission within the stipulated time limit, i.e. March 2018.
- c) Indian Railways should submit detailed list of actions and efforts undertaken by it prior to and during FY 2016-17 to ensure compliance of RPO targets in respect of solar RPO, Non-solar RPO and mini/micro hydro RPO for FY 2016-17.**
- i. IR is a newly recognized Licensee and is in nascent stage of planning for power procurement including renewable power. Further, as compared to other licensees, IR cannot curtail its demand for supply management. Thus, detailed planning is required for procurement of renewable power (which is infirm in nature). In due course, IR is also increasing its power procurement to meet its total power requirement and will be making efforts to fulfill such requirement through renewable power.



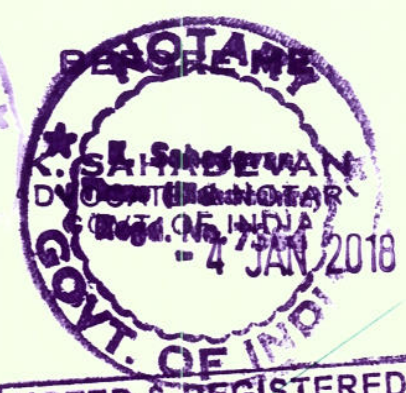
Open Access and in line with its power procurement plan also developing long term strategy for procurement of Renewable energy.

*(Signature)*  
(S.K Shukla)

Deputy Chief Electrical Engineer,  
(Traction Distribution)  
Central Railway.

Place: Mumbai

Date: 4 JAN 2018





VERIFICATION

I, S.K. Shukla, son of R.P. Shukla, presently, working as Deputy Chief Electrical Engineer, Traction Distribution Central Railway, CST Mumbai - 400 001, do hereby solemnly affirm and declare that whatever stated hereinabove is true and correct and I believe the same to be true and correct.



Solemnly Affirmed at Mumbai  
Dated this 4<sup>th</sup> Day of January, 2018

Identified by me

*[Signature]*  
Before Me



BEFORE ME  
*[Signature]* 4/1/18  
K. SAHADEVAN  
ADVOCATE & NOTARY  
GOVT. OF INDIA  
- 4 JAN 2018

NOTED & REGISTERED  
Sr. No. 1271 Page No. 72  
Book No. 50 Date. 4 JAN 2018



केन्द्रीय विद्युत विनियामक आयोग  
CENTRAL ELECTRICITY REGULATORY COMMISSION



Sanoj Kumar Jha, IAS  
Secretary

Date: 20<sup>th</sup> July, 2017

To

Shri S.N. Goel  
Managing Director and Chief Executive Officer  
Indian Energy Exchange Limited 4<sup>th</sup> Floor, Plot no. 7  
TDI Centre, Distt. Centre, Jasola  
New Delhi-110025

**Sub.: Supreme Court Order dated 8.5.2017 in Civil Appeal Nos. 6083/2017 and 6334/2017 regarding CERC order dated 30.3.2017 on REC Floor & Forbearance Price**

Sir,

This is in continuation of this Office letter dated 24.5.2017 (copy attached) under which the IEX was advised to suspend the trading session in both Solar and non-Solar REC in view of the stay granted by Hon'ble Supreme Court on the Commission's order dated 30.3.2017 in Petition No. 2/SM/2017 vide order dated 8.5.2017 in Civil Appeal Nos. 6083/2017 and 6334/2014.

2. Hon'ble Supreme Court in its order dated 14.7.2017 while disposing the Civil Appeal No. 6083/2017 has substituted the interim order dated 8.5.2017 by granting the following prayer of the Appellant, namely, Indian Wind Power Association:

"(c) in the alternative, direct the Respondents to ensure that any obliged entity purchasing RECs at the floor price determined vide the order dated 30.3.2017 shall deposit the difference between the earlier floor price and the present floor price with the Respondent No. 1, Central Commission during the pendency of the Appeal No. 105 of 2017 before the Appellate Tribunal."

3. In terms of the above order, trading of non-solar RECs shall resume at the floor price of non-solar RECs prevalent earlier and the difference between the said floor price and the floor price determined by the Commission vide order dated 30.3.2017 in Petition No. 2/SM/2017 shall be deposited with the Commission during the pendency of Appeal No. 105 of 2017 before the Appellate Tribunal for Electricity. Accordingly, it has been decided to resume the trading in non-Solar RECs subject to the following conditions:-

(a) Obligated Entities/Power Exchanges shall deposit the difference between floor price prevalent earlier (i.e. Rs. 1500/MWh) and the floor price as determined vide order dated 30.3.2017 (Rs. 1000/MWh) with the Commission

in SB A/c No. 209900301170005, Bank: Corporation Bank, Branch: K.G. Marg, New Delhi - 110001, Bank IFSC : CORP002099, Branch Code: 2099

- (b) Deposit of the differential amount shall be subject to the outcome of the Appeal No. 105/2017 by the Appellate Tribunal for Electricity and further order of the Commission in this regard.
4. Trading in Solar RECs shall remain suspended until further orders, since stay order dated 8.5.2017 in Civil Appeal No. 6334/2017 filed by Green Energy Association in case of Solar REC is still in operation.
  5. A copy of the judgement of Hon'ble Supreme Court is enclosed.
  6. This issues with the approval of the Commission.

Yours faithfully,



**(Sanoj Kumar Jha)**  
Secretary

**Copy to:**

Shri K.V.S. Baba  
Chief Executive Officer (CEO)  
Power System Operation Corporation Limited  
B-9, Qutab Institutional Area  
Katwaria Sarai  
New Delhi-110016