



# महाराष्ट्र विद्युत नियामक आयोग

## Maharashtra Electricity Regulatory Commission

MERC/Tech/RPO/IR/121

27 April, 2021

To,  
Chief Electrical Distribution Engineer,  
CEE's Office, Central Railway H.Q. 2<sup>nd</sup> Floor,  
Parcel Office Building,  
Indian Railway, CST Mumbai -400 001

**Sub:** Verification of compliance of Renewable Purchase Obligation targets of Indian Railways (IR) for FY 2018-19 and FY 2019-20, as specified under RPO Regulations, 2016. (Case No.53 of 2021)

**Ref:** 1. MEDA Letter Ref No. BP/Discom-RPO/CR-151/2019-20/467 dated 30.01.2020  
2. MEDA Letter Ref No. BP/Discom-RPO/CR-159/2020-21/3890 dated 30.12.2020

Sir,

MEDA, vide letter under reference has submitted the RPO compliance data of IR for FY 2018-19 and FY 2019-20. Based on the submission made by MEDA, summary of RPO compliance of IR for FY 2018-19 and FY 2019-20 are as below:

**FY 2018-19:**

(In MUs)

| GEC     | Solar RPO    |      |                      | Non-Solar RPO |      |                      | Mini/Micro Hydro RPO (Within Non-Solar RPO) |      |                      |
|---------|--------------|------|----------------------|---------------|------|----------------------|---|------|----------------------|
|         | Target 2.75% | Met  | Shortfall/ (Surplus) | Target 11.00% | Met  | Shortfall/ (Surplus) | Target 0.2%                                 | Met  | Shortfall/ (Surplus) |
| 2573.66 | 70.78        | 0.00 | 70.78                | 283.10        | 0.00 | 283.10               | 0.57  | 0.00 | 0.57                 |

**FY 2019-20:**

(In MUs)

| GEC     | Solar RPO   |      |                      | Non-Solar RPO |       |                      | Mini/Micro Hydro RPO (Within Non-Solar RPO) |      |                      |
|---------|-------------|------|----------------------|---------------|-------|----------------------|---|------|----------------------|
|         | Target 3.5% | Met  | Shortfall/ (Surplus) | Target 11.5%  | Met   | Shortfall/ (Surplus) | Target 0.2%                                 | Met  | Shortfall/ (Surplus) |
| 2575.53 | 90.14       | 0.00 | 90.14                | 296.19        | 67.34 | 228.85               | 0.59  | 0.00 | 0.59                 |

Negative sign exhibits surplus procurement

From the above data it is observed that;

- (i) In Solar RPO, for FY 2018-19 and FY 2019-20; IR has a shortfall of 70.78 MUs and 90.14 MUs respectively. Further, IR has cumulative shortfall of 74.48 MUs for FY 2015-16 to FY 2017-18.
- (ii) In Non-Solar RPO, for FY 2018-19 and FY 2019-20; IR has a shortfall of 283.10 MUs and 228.85 MUs respectively. Further, IR has cumulative surplus of 537.80 MUs for FY 2015-16 to FY 2017-18.
- (iii) In Mini/Micro Hydro RPO (within Non-Solar RPO), for FY 2018-19 and FY 2019-20; IR has a shortfall of 0.57 MUs and 0.59 MUs respectively. Further, IR has a cumulative shortfall of 1.08 MUs for FY 2015-16 to FY 2017-18.

As FY 2018-19 and FY 2019-20 are already over, the Commission is in process of initiating *suo-motu* proceedings for RPO compliance of IR.

Your replies on affidavit shall be submitted within two weeks from the date of this letter in respect of following:

- a) Reconciliation statement along with rationale with regards to GEC data reported by MSLDC and audited data of IR.
- b) IR should verify the RPO settlement details for FY 2018-19 and FY 2019-20, as submitted by MEDA (copy attached as Annexures to this letter) and highlight the discrepancies, if any, along with proper justification.
- c) IR should submit the status of Solar, Non-Solar RPO compliance including Mini/Micro Hydro RPO compliance, as per the directives of the Commission vide Orders in Case No.173 of 2016, Case No.211 of 2017 and Case No. 40 of 2019 along with detailed statement for project wise energy procurement in MUs from all Solar & Non-Solar generating projects including Mini/Micro Hydro projects and project wise contracted Solar and Non-Solar power capacity in MW during FY 2015-16 to FY 2019-20.
- d) IR should submit detailed list of action and efforts undertaken by it prior to and during FY 2018-19 and FY 2019-20 to ensure compliance of RPO targets in respect of Solar RPO, Non-Solar RPO and Mini/Micro Hydro RPO.
- e) IR should submit the details for long term RE procurement plan (in MUs and corresponding MW) for meeting the future RPO targets.



**Secretary, MERC**

**Copy to:**

1. Director General, Maharashtra Energy Development Agency, 2<sup>nd</sup> Floor, MHADA Commercial Complex, Oppo. Tridal Nagar, Yerwada, Pune-411 006
2. Chief Engineer, Maharashtra State Load Despatch Centre, Airoli, Kalwa, Thane