



महाराष्ट्र विद्युत नियामक आयोग

Maharashtra Electricity Regulatory Commission

MERC/Tech/RPO/MSEDCL/116

27 April, 2021

To,
The Managing Director
Maharashtra State Electricity Distribution Co.Ltd.,
Prakashgad, 6th Floor, A.K Marg,
Bandra (East), Mumbai-400 051

Sub: Verification of compliance of Renewable Purchase Obligation targets of MSEDCL for FY 2018-19 and FY 2019-20, as specified under RPO Regulations,2016. (Case No.49 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 MSEDCL for FY 2018-19 and FY 2019-20. Based on the submission made by MEDA, summary of RPO compliances made by MSEDCL 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)
130932.65	3600.65	2279.17	1321.48	14402.59	12468.74	1933.86	28.81	0.36	28.45

FY 2019-20:

(In MUs)

GEC	Solar RPO	Non-Solar RPO	Mini/Micro Hydro RPO (Within Non-Solar RPO)
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	Target 3.5%	Met	Shortfall/ (Surplus)	Target 11.50%	Met	Shortfall/ (Surplus)	Target 0.2%	Met	Shortfall/ (Surplus)
127674.75	4468.62	3616.45	852.16	14682.60	10446.04	4236.56	29.37	6.92	22.45

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 MSEDCL has a shortfall of 1321.48 MUs and 852.16 MUs. Further, MSEDCL has cumulative shortfall of 3525.98 MUs for FY 2010-11 to FY 2017-18.
- (ii) In Non-Solar RPO, for FY 2018-19 and FY 2019-20 MSEDCL has a shortfall of 1933.86 MUs and 4236.56 Mus respectively. Further, MSEDCL has cumulative surplus of 123.72 MUs for FY 2010-11 to FY 2017-18.
- (iii) In Mini/Micro Hydro RPO (within Non-Solar RPO), MSEDCL has a shortfall of 28.45 MUs for FY 2018-19 and 22.45 MUs for FY 2019-20. Further, MSEDCL has cumulative shortfall of 90.25 MUs for FY 2010-11 to FY 2017-18.

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

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 Distribution Licensee.
- b) MSEDCL 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) MSEDCL 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.180 of 2013, Case No.190 of 2014, Case No. 16 of 2016, Case No. 169 of 2016, Case No.207 of 2017 and Case No. 36 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 2010-11 to FY 2019-20.
- d) MSEDCL 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) MSEDCL 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, 2nd Floor, MHADA Commercial Complex, Oppo. Tridal Nagar, Yerwada, Pune-411 006
2. Chief Engineer, Maharashtra State Load Despatch Centre, Airoli, Kalwa, Thane