



महाराष्ट्र विद्युत नियामक आयोग

Maharashtra Electricity Regulatory Commission

MERC/Tech/RPO/BEST/117

27 April, 2021

To,

The General Manager

BEST Undertaking, BEST Bhavan,

BEST Marg, Mumbai-400 001

Sub: Verification of compliance of Renewable Purchase Obligation targets of BEST undertaking for FY 2018-19 and FY 2019-20, as specified under RPO Regulations, 2016. (Case No.50 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 BEST for FY 2018-19 and FY 2019-20. Based on the submission made by MEDA, summary of RPO compliance of BEST 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)
4923.79	135.40	203.72	-68.32	541.62	548.46	-6.84	1.08	0.00	1.08

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)
4948.73	173.21	171.62	1.59	569.10	571.95	-2.85	1.14	0.00	1.14

१३वा मजला, केंद्र क्र. १, जागतिक व्यापार केंद्र, कफ परेड, कुलाबा, मुंबई - ४०० ००५.

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Negative sign exhibits surplus procurement

From the above data it is observed that;

- (i) In Solar RPO, for FY 2018-19 BEST has a surplus of 68.32 MUs and for FY 2019-20 has a shortfall 1.59 MUs. Further, BEST has cumulative surplus of 0.58 Mus for FY 2010-11 to FY 2017-18.
- (ii) In Non-Solar RPO, for FY 2018-19 and FY 2019-20 BEST has a surplus of 6.84 MUs and 2.85 Mus respectively. Further, BEST has cumulative shortfall of 4.63 Mus for FY 2010-11 to FY 2017-18.
- (iii) In Mini/Micro Hydro RPO (within Non-Solar RPO), BEST has a shortfall of 1.08 Mus for FY 2018-19 and 1.14 MUs for FY 2019-20. Further, BEST has cumulative surplus of 15.36 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 BEST.

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 BEST.
- b) BEST 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) BEST 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.181 of 2013, Case No.191 of 2014, Case No. 17 of 2016, Case No. 170 of 2016, Case No.208 of 2017 and Case No. 37 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) BEST 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) BEST 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