

**JOINT ELECTRICITY REGULATORY COMMISSION
FOR THE STATE OF GOA AND UNION TERRITORIES
GURUGRAM**

Quorum

Shri M.K. GOEL, Chairperson

Suo Moto Petition No. 61/2012

Date of Hearing: 30th July 2020

Date of Order: 23rd September 2020

In the matter of:

Compliance of Joint Electricity Regulatory Commission (For the state of Goa and Union Territories) (Procurement of Renewable Energy) Regulations, 2010 regarding Renewable Purchase Obligation (RPO) and as amended from time to time.

And in the matter of:

- 1) Secretary (Power), Government of Goa
- 2) Secretary (Power), UT of Lakshadweep
- 3) Managing Director DNHPDCL, UT of Dadra & Nagar Haveli
- 4) Secretary (Power), UT of Andaman & Nicobar
- 5) Secretary (Power), UT of Puducherry
- 6) Secretary (Power), UT of Daman & Diu
- 7) Secretary (Power), UT of Chandigarh

Certified
Person

Respondents Present.....

1. Shri. Stephen Fernandes, Superintending Engineer, Electricity Department, Goa
2. Shri Hassan P.V, Executive Engineer, Electricity Department, Lakshadweep
3. Shri R.B. Chaubal, Deputy Engineer, DNHPDCL
4. Shri Yunush Patel, Asstt. Engineer, DNHPDCL
5. Shri Ajit Bernard, Superintending Engineer, Electricity Department, A&N Islands
6. Shri Yogesh Tiwari, Asstt. Engineer, Electricity Department, A&N Islands
7. Shri R. Murali, Superintending Engineer, Electricity Department, Puducherry
8. Shri M.R. Ingle, Executive Engineer, Electricity Department, Daman & Diu
9. Shri Dilesh Solanki, Asstt. Engineer, Electricity Department, Daman & Diu
10. Shri U.K. Patel, Executive Engineer, Electricity Department, Chandigarh

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Order

The Commission has conducted the Suo Moto Hearing on 30th July, 2020 in the matter of compliance of Joint Electricity Regulatory Commission (For the State of Goa and Union Territories) (Procurement of Renewable Energy) Regulations, 2010 regarding Renewable Purchase Obligation (RPO) and as amended from time to time. The Commission has received data on RPO compliance for the FY 2019-20 from all Union Territories along with the action plan for FY 2020-21. The Commission observed that there were inconsistencies in the data submitted and the actual submission made by the Utilities during the hearing and hence the Commission via an Interim Order dated 07th August 2020 directed all the Utilities to submit the actual compliance for FY 2019-20 and the Action Plan for FY 2020-21 along with the first Quarter Compliance for FY 2020-21 as per the prescribed format on Affidavit within 21 (twenty one) days of the issuance of the interim order and also directed to submit the Memorandum of Understanding (MoUs) and Power Sale Agreements (PSA), if any undertaken by the Utilities.

The Commission received the data on Affidavit from Electricity Departments of Puducherry, Lakshadweep, Goa, Chandigarh, Daman & Diu, Andaman & Nicobar Islands and Dadra & Nagar Haveli.

The detailed information received from all utilities has been taken on record. Accordingly, the following figures as per the submission made by the utilities have been worked out.

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1. ELECTRICITY DEPARTMENT, GOA: RESPONDENT NO. 1

The Commission examined the report submitted by respondent no. 1 and has calculated the RPO targets based on the latest figures of sales available, which are summarized below:

CUMULATIVE COMPLIANCE TILL FY 2019-20 INCLUDING BACKLOG: GOA

S.No	RPO Obligation	Sales figure for FY 2019-20 In MUs	RPO Target to be Met for FY 2019-20		Cumulative Target for FY 2019-20 including backlog (Till End of March 2020)	Total RPO Met from various sources for FY 2019-20 In MUs				(Excess)/Shortfall
			%	MU		Generation	REC	Power Purchase	Total	
1	2	3	4	5	6	7	8	9	10	11
			%	MU	MU	Generation	REC	Power Purchase	Total	
1	Solar	3970.05	4.7	186.59	188.26	0	0	188.4	188.4	(0.14)
2	Non-Solar		6.8	269.96	273.64	0	0	230.24	230.24	43.40
3	Total		11.5	456.55	461.9	0	0	418.64	418.64	43.26

The respondent submitted that in order to comply with the Non-Solar RPO targets, it has signed Letter of Intent for supply of renewable (Non-Solar) Power with M/s Manikaran Power Limited (MPL). It has also signed a Letter of Intent (LOI) for procurement of RE Non-Solar Power under STOA arrangement with Tata Power Trading Company Limited.

The Commission observed that the respondent has achieved the Solar RPO target for FY 2019-20 and has a 43.40 MUs shortfall in achieving the Non-Solar RPO target. With this the cumulative shortfall for the end of FY 2019-20 works out to be 43.26 MUs. The Commission appreciates the efforts of the respondents to comply with the Solar RPO targets and also the fact that the respondent no. 1 has managed to achieve the target entirely through physical power purchase. The Commission directs the respondents to continue its efforts for 100% compliance of Solar RPO and continue to achieve the Non-Solar RPO targets also.

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Prithvi

Further the action plan for FY 2020-21 submitted by the respondent no. 1 shows that it will be able to meet the entire target for FY 2020-21 by the end of the financial year as tabulated below:

ACTUAL ACHIEVEMENT IN THE FIRST QUARTER FOR FY 2020-21: GOA

RPO Obligation for FY 2020-21	Total RPO Met from various sources for FY 2020-21 (First Quarter: April 2020 to June 2020) In MUs			
	1	2	3	(4= 1+2+3)
	Generation	REC	Power Purchase	Total
Solar	0	0	16.35	16.35
Non-Solar	0.11	0	142.15	142.26
Total	0.11	0	158.50	158.61

ACTION PLAN FOR THE NEXT THREE QUARTERS OF FY 2020-21: GOA

RPO Obligation for FY 2020-21 (1)	Sales Figure for FY 2020-21 In MUs (2)	FY 2020-21 Target In MUs (3)	Second Quarter (July 2020- September 2020) In MUs (4)			Third Quarter (October 2020-December 2020) In MUs (5)			Fourth Quarter (January 2021-March 2021) In MUs (6)			Total RPO Compliance In MUs (7=4+5+6+ Q1 actual)
			Generation	REC	Power Purchase	Generation	REC	Power Purchase	Generation	REC	Power Purchase	
Solar	4169.6	254.35	1	70.0	10.07	2.00	65.0	13.65	2.00	58.00	16.40	254.47
Non-Solar		333.57	0.50	0	147.74	0.50	0	45.0	0.50	0	60.00	396.5
Total		587.92	1.50	70.0	157.81	2.50	65	58.65	2.50	58.00	76.40	650.97

The Commission upon examining the action plan observes that the respondent no.1 will be able to meet full compliance if it succeeds in executing the action plan as submitted and directs the respondent to ensure 100% compliance of Renewable Purchase Obligations for the FY 2020-21 also.

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Rkumar

2. ELECTRICITY DEPARTMENT, U.T LAKSHADWEEP: Respondent No. 2

The Commission examined the report submitted by respondent no. 2 and has calculated the RPO targets based on the latest figures of sales available, which are summarized below:

CUMULATIVE COMPLIANCE TILL FY 2019-20 INCLUDING BACKLOG: LAKSHADWEEP

S.No	RPO Obligation	Sales figure for FY 2019-20 In MUs	RPO Target to be Met for FY 2019-20		Cumulative Target for FY 2019-20 including backlog (Till End of March 2020)	Total RPO Met from various sources for FY 2019-20 In MUs				(Excess)/Shortfall
			4	5		7	8	9	10	
1	2	3	%	MU	MU	Generation	REC	Power Purchase	Total	11
1	Solar	50	4.7	2.35	2.93	1.18	0	0	1.18	1.75
2	Non-Solar		6.8	3.4	8.29	0	0	0	0	8.29
3	Total		11.5	5.75	11.22	1.18	0	0	1.18	10.04

The respondent no.2 submitted that the augmentation of existing solar plant at Kavaratti, Agatti, Bangaram and Thinnakara (Total 1.95 MW capacity with 2.15 MWh Battery Energy Storage System) is expected by the end of FY 2020-21 and will be fully operational hence they will meet the entire backlog RPO obligations by the next Financial Year.

The Commission observed that the Respondent No. 2 has not been able to meet the Solar and Non-Solar Targets for the FY 2019-20 and has a backlog of 1.75 MUs of Solar RPO and 8.29 MUs of Non-Solar RPO and a cumulative backlog of 10.04 MUs. Based on the submissions the Commission directs the respondent to enhance the solar power generation capacity in its territory in order to achieve its targets of RPO and further directs the Respondent No. 2 to ensure 100% compliance of Renewable Purchase Obligations for the FY 2020-21 including the backlog for the previous years.

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Further the respondent no.2 has submitted the actual achievement in the first quarter of FY 2020-21 and the action plan for the next three quarters as tabulated below:

ACTUAL ACHIEVEMENT IN THE FIRST QUARTER FOR FY 2020-21: LAKSHADWEEP

RPO Obligation for FY 2020-21	Total RPO Met from various sources for FY 2020-21 (First Quarter: April 2020 to June 2020) In MUs			
	1	2	3	(4= 1+2+3)
	Generation	REC	Power Purchase	Total
Solar	0.14	0	0	0.14
Non-Solar	0	0	0	0
Total	0.14	0	0	0.14

ACTION PLAN FOR THE NEXT THREE QUARTERS OF FY 2020-21: LAKSHADWEEP

RPO Obligation for FY 2020-21 (1)	Sales Figure for FY 2020-21 In MUs (2)	FY 2020-21 Target In MUs (3)	Second Quarter (July 2020- September 2020) In MUs (4)			Third Quarter (October 2020-December 2020) In MUs (5)			Fourth Quarter (January 2021-March 2021) In MUs (6)			Total RPO Compliance In MUs (7=4+5+6+ Q1 actual)
			Generation	REC	Power Purchase	Generation	REC	Power Purchase	Generation	REC	Power Purchase	
Solar	52.54	3.2	0.14	0	0	0.14	0	0	0.14	0	0	0.56
Non-Solar		4.2	0	0	0	0	0	0	0	0	0	0
Total		7.4	0.14	0	0	0.14	0	0	0.14	0	0	0.56

The Commission upon examining the Action plan submitted and the compliance for the first quarter of FY 2020-21 observes that the respondent has to increase its efforts in order to fulfil the targets of FY 2020-21 including backlog.

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3. DNHPDCL, U.T DADRA & NAGAR HAVELI: Respondent No. 3

The Commission examined the report submitted by respondent no. 3 and has calculated the RPO targets based on the latest figures of sales available, which are summarized below:

CUMULATIVE COMPLIANCE TILL FY 2019-20 INCLUDING BACKLOG: DADRA & NAGAR HAVELI

S. No	RPO Obligation	Sales figure for FY 2019-20 In MUs	RPO Target to be Met for FY 2019-20		Cumulative Target for FY 2019-20 including backlog (Till End of March 2020)	Total RPO Met from various sources for FY 2019-20 In MUs				(Excess)/Shortfall
			4	5		7	8	9	10	
1	2	3	4	5	6	7	8	9	10	11
			%	MU	MU	Generation	REC	Power Purchase	Total	
1	Solar	6420.75	4.7	301.78	385.78	8.12	109.6	0	117.73	268.05
2	Non-Solar		6.8	436.61	1132.32	0	711.69	0	711.69	420.63
3	Total		11.5	738.39	1518.39	8.12	821.29	0	829.42	688.97

The Commission observes that there is a shortfall of 688.97 MUs (including backlog) for the FY 2019-20. The Target (including backlog) for Solar RPO was 385.78 MUs out of which only 117.73 MUs was achieved, for Non-Solar RPO the target including backlog was 1132.32 MUs and only 711.69 MUs was achieved with the total achievement for the financial year being 829.42 MUs.

Respondent no.3 submitted that it has signed MOU with SECI for procurement of 50 MW Non-Solar power to be available in the FY 2020-21. It has also signed MOU with SECI for procurement of 200 MW RTC power (mix of solar and non-solar) power to be available in the FY 2021-22.

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The Commission directs the Respondent no. 3 to make good the cumulative shortfall in RPO Compliance up to FY 2020-21 preferably by procuring physical renewable power. In case of non-availability of physical power, RECs should be purchased from Power Exchanges by bidding sensibly to achieve the targets.

Further the respondent no.3 has submitted the actual achievement in the first quarter of FY 2020-21 and the action plan for the next three quarters as tabulated below:

ACTUAL ACHIEVEMENT IN THE FIRST QUARTER FOR FY 2020-21: DADRA & NAGAR HAVELI

RPO Obligation for FY 2020-21	Total RPO Met from various sources for FY 2020-21 (First Quarter: April 2020 to June 2020) In MUs			
	1 Generation	2 REC	3 Power Purchase	(4=1+2+3) Total
Solar	3.77	-	-	3.77
Non-Solar	0	-	-	0
Total	3.77	-	-	3.77

ACTION PLAN FOR THE NEXT THREE QUARTERS OF FY 2020-21: DADRA & NAGAR HAVELI

RPO Obligation for FY 2020-21 (1)	Sales Figure for FY 2020-21 In MUs (2)	FY 2020-21 Target In MUs (3)	Second Quarter (July 2020- September 2020) In MUs (4)			Third Quarter (October 2020-December 2020) In MUs (5)			Fourth Quarter (January 2021-March 2021) In MUs (6)			Total RPO Compliance In MUs (7=4+5+6 + Q1 actual)
			Generati on	REC	Power Purchase	Generatio n	REC	Power Purchase	Generati on	REC	Power Purchase	
Solar	4200	256.20	4.21	167.19	0	4.39	167.19	0	4.57	166.83	0	518.15
Non-Solar		336	0	249.20	0	0	249.20	0	0	249.20	0	747.6
Total		592.20	4.21	416.39	0	4.39	416.39	0	4.57	416.03	0	1265.75

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The respondent no. 3 submitted that due to the nationwide lockdown the sales for FY 2020-21 has reduced and the revised estimated sales worked out to be 4200 MUs.

The Commission upon examining the action plan observes that the respondent no.3 will be able to meet most of the compliance if it succeeds in executing the action plan as submitted and directs the respondent to ensure 100% compliance of Renewable Purchase Obligations for the FY 2020-21 including the backlog for the previous years.

4. ELECTRICITY DEPARTMENT, U.T ANDAMAN & NICOBAR ISLANDS: Respondent no. 4

The Commission examined the report submitted by respondent no. 4 and has calculated the RPO targets based on the latest figures of sales available, which are summarized below:

CUMULATIVE COMPLIANCE TILL FY 2019-20 INCLUDING BACKLOG: ANDAMAN & NICOBAR ISLANDS

S.No	RPO Obligation	Sales figure for FY 2019-20 In MUs	RPO Target to be Met for FY 2019-20		Cumulative Target for FY 2019-20 including backlog (Till End of March 2020)	Total RPO Met from various sources for FY 2019-20 In MUs				(Excess)/Shortfall
			%	MU		6	7	8	9	
1	2	3	4	5	6	7	8	9	10	11
			%	MU	MU	Generation	REC	Power Purchase	Total	
1	Solar	262.44	4.7	12.33	13.72	0.05	0	10.08	10.13	3.59
2	Non-Solar		6.8	17.85	17.85	5.75	0	0	5.75	12.1
3	Total		11.5	30.18	31.58	5.80	0	10.08	15.88	15.7

The Commission observed that the respondent no.4 has not complied with the Solar and Non-Solar RPO target for FY 2019-20. Out of the Solar RPO target of 12.33MUs, the respondent has achieved 10.13 MUs and as against the target of 17.85 MUs Non-Solar, the achievement is only 5.75 MUs. Hence, out of the total RPO target of 30.18 MUs only 15.7 MUs have been achieved for FY 2019-20. The cumulative target will further

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Pranav

increase with the backlog and also with the new targets for the FY 2020-21, hence the Commission directs the respondent no. 4 to make more efforts to achieve 100% compliance including backlog in the FY 2020-21.

Further the action plan and actual achievement for FY 2020-21 submitted by the respondent no. 4 is as tabulated below:

ACTUAL ACHIEVEMENT IN THE FIRST QUARTER FOR FY 2020-21: ANDAMAN & NICOBAR ISLANDS

RPO Obligation for FY 2020-21	Total RPO Met from various sources for FY 2020-21 (First Quarter: April 2020 to June 2020) In MUs			
	1	2	3	(4=1+2+3)
	Generation	REC	Power Purchase	Total
Solar	0.01	0	3.14	3.42
Non-Solar	0.94	0	0	0.94
Total	0.95	0	3.14	4.36

The respondent no. 4 submitted that since there was a nationwide lockdown due to COVID-19, the realistic sales for Quarter 1 of FY 2020-21 could not be worked out. Further with commissioning of 20 MWp Solar Power plant from July, 2020 the respondent no. 4 assures that it will be able to meet the full RPO targets as set by the Commission.

ACTION PLAN FOR THE NEXT THREE QUARTERS OF FY 2020-21: ANDAMAN & NICOBAR ISLANDS

RPO Obligation for FY 2020-21 (1)	Sales Figure for FY 2020-21 In MUs (2)	FY 2020-21 Target In MUs (3)	Second Quarter (July 2020- September 2020) In MUs (4)			Third Quarter (October 2020-December 2020) In MUs (5)			Fourth Quarter (January 2021-March 2021) In MUs (6)			Total RPO Compliance In MUs (7=4+5+6+ Q1 actual)
			Generati on	REC	Power Purchase	Generatio n	REC	Power Purchase	Generati on	REC	Power Purchase	
Solar	256.42	15.64	0.01	0	5.04	0.01	0	8.23	0.01	0	8.23	24.95
Non-Solar		20.51	2.24	0	0	2.7	0	0	2.7	0	0	8.58
Total		36.16	2.25	0	5.04	2.71	0	8.23	2.71	0	8.23	33.53

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R Kumar

The Commission observes that even if the respondent no. 4 is successful in achieving the targets as mentioned in the action plan, it will still have a total RPO backlog of 18.33MUs. Hence, the Commission directs the respondent to increase its efforts in order to fulfil the targets of FY 2020-21 including backlog.

5. ELECTRICITY DEPARTMENT, U.T PUDUCHERRY: RESPONDENT NO. 5

The Commission examined the report submitted by respondent no. 5 and has calculated the RPO targets based on the latest figures of sales available, which are summarized below:

CUMULATIVE COMPLIANCE TILL FY 2019-20 INCLUDING BACKLOG: PUDUCHERRY

S.No	RPO Obligation	Sales figure for FY 2019-20 In MUs	RPO Target to be Met for FY 2019-20		Cumulative Target for FY 2019-20 including backlog (Till End of March 2020)	Total RPO Met from various sources for FY 2019-20 In MUs				(Excess)/Shortfall
			%	MU		MU	Generation	REC	Power Purchase	
1	2	3	4	5	6	7	8	9	10	11
			%	MU	MU	Generation	REC	Power Purchase	Total	
1	Solar	2724.18	4.7	128.04	324.13	5.48	0	0	5.48	318.65
2	Non-Solar		6.8	185.24	462.39	0	122.81	0	122.81	339.58
3	Total		11.5	313.28	786.5	5.48	122.81	0	128.29	658.24

The respondent no. 5 submitted that in view of the prevailing financial crises, due to outbreak of COVID-19 across the nation, the backlog could not be achieved and hence it plans to achieve the backlog in the next financial year by way of purchasing REC and physical power available from the ISTS connected RE power plants for which Power Sale Agreements have been signed.

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R Kumar

The Commission observed that the total RPO target for FY 2019-20 was 313.28 MUs out of which only 128.29 MUs have been achieved. Further Solar RPO compliance is poor as out of the total target of 128.04 MUs only 5.48 MUs has been complied with. In case of Non-Solar RPO out of the total target of 185.24 MUs for FY 2019-20 only 122.81 MUs has been achieved.

Hence, the total shortfall including backlog works out to be 658.24 MUs by the end of FY 2019-20. The Commission observes that this shortfall is huge and the respondent should expedite the process of purchasing RECs and physical power available as submitted in order to fulfil the targets.

Further the action plan and actual achievement for FY 2020-21 submitted by the respondent no. 5 is as tabulated below:

ACTUAL ACHIEVEMENT IN THE FIRST QUARTER FOR FY 2020-21: PUDUCHERRY

RPO Obligation for FY 2020-21	Total RPO Met from various sources for FY 2020-21 (First Quarter: April 2020 to June 2020) In MUs			
	1	2	3	(4=1+2+3)
	Generation	REC	Power Purchase	Total
Solar	2.37	0	0	2.37
Non-Solar	0	0	0	0
Total	2.37	0	0	2.37

ACTION PLAN FOR THE NEXT THREE QUARTERS OF FY 2020-21: PUDUCHERRY

RPO Obligation for FY 2020-21 (1)	Sales Figure for FY 2020-21 In MUs (2)	FY 2020-21 Target In MUs (3)	Second Quarter (July 2020- September 2020) In MUs (4)			Third Quarter (October 2020-December 2020) In MUs (5)			Fourth Quarter (January 2021-March 2021) In MUs (6)			Total RPO Compliance In MUs (7=4+5+6+ Q1 actual)
			Generati on	REC	Power Purchase	Generatio n	REC	Power Purchase	Generati on	REC	Power Purchase	
Solar	2806.29	171.18	3	100	0	3	150	0	3	120	0	381.37
Non-Solar		224.5	0	0	0	0	100	0	0	72	0	172
Total		395.68	3	100	0	3	250	0	3	192	0	553.37

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Planner

The Commission observes that even if the respondent no. 5 is successful in achieving the targets as mentioned in the action plan, it will still have a total RPO backlog of 500 MUs. Hence, the Commission expresses its displeasure and directs the respondent to increase its efforts in order to fulfil the targets of FY 2020-21 including backlog.

6. ELECTRICITY DEPARTMENT, U.T DAMAN & DIU: RESPONDENT NO. 6

The Commission examined the report submitted by respondent no. 6 and has calculated the RPO targets based on the latest figures of sales available, which are summarized below:

CUMULATIVE COMPLIANCE TILL FY 2019-20 INCLUDING BACKLOG: DAMAN & DIU

S.No	RPO Obligation	Sales figure for FY 2019-20 In MUs	RPO Target to be Met for FY 2019-20		Cumulative Target for FY 2019-20 including backlog (Till End of March 2020)	Total RPO Met from various sources for FY 2019-20 In MUs				(Excess)/Shortfall
			4	5		7	8	9	10	
1	2	3	%	MU	MU	Generation	REC	Power Purchase	Total	11
1	Solar	2538.27	4.7	119.3	209.51	12.69	64.60	0	77.29	186.72
2	Non-Solar		6.8	172.6	337.65	21.69	1.15	0	22.84	260.31
3	Total		11.5	291.9	547.21	34.38	65.75	0	100.13	447.08

The Commission observes that the respondent in the FY 2019-20 has poor compliance and this has resulted in a huge backlog for the current year. Only 77.2.9 MUs were achieved out of the total target of 209.51 MUs Solar RPOs (including backlog) for FY 2019-20 and only 22.84 MUs were achieved out of the total target of 337.65 MUs Non-Solar RPOs (including backlog) for FY 2019-20. As a result, there is a shortfall of 447.08 MUs of RPO obligation (Solar: 186.72 MUs & Non Solar: 260.31 MUs). The Commission takes a serious

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R. Kumar

note of the failure of respondent no.6 and hereby directs to make good the cumulative shortfall in RPO compliance till FY 2020-21 by procuring either physical Renewable Energy power or Renewable Energy Certificates (REC) in every quarter of the FY 2020-21.

The respondent submitted that no REC trading session was held during July-August 2020 and hence the department could not purchase any RECs during these months.

Further the action plan and actual achievement for FY 2020-21 submitted by the respondent no. 6 is as tabulated below:

ACTUAL ACHIEVEMENT IN THE FIRST QUARTER FOR FY 2020-21: DAMAN & DIU

RPO Obligation for FY 2020-21	Total RPO Met from various sources for FY 2020-21 (First Quarter: April 2020 to June 2020) In MUs			
	1	2	3	(4=1+2+3)
	Generation	REC	Power Purchase	Total
Solar	6.59	0	0	6.59
Non-Solar	1.40	180	0	181.4
Total	7.99	180	0	187.99

ACTION PLAN FOR THE NEXT THREE QUARTERS OF FY 2020-21: DAMAN & DIU

RPO Obligation for FY 2020-21 (1)	Sales Figure for FY 2020-21 In MUs (2)	FY 2020-21 Target In MUs (3)	Second Quarter (July 2020- September 2020) In MUs (4)			Third Quarter (October 2020-December 2020) In MUs (5)			Fourth Quarter (January 2021-March 2021) In MUs (6)			Total RPO Compliance In MUs (7=4+5+6+ Q1 actual)
			Generati on	REC	Power Purchase	Generatio n	REC	Power Purchase	Generati on	REC	Power Purchase	
Solar	2319.61	141.50	6.9	50	2.3	1.8	100	6.3	15.8	92	6.3	287.99
Non-Solar		185.57	1.5	50	0	2.0	120	7.2	2.0	118	7.2	489.3
Total		327.07	8.4	100	2.3	17.8	220	13..5	17.8	210	13.5	777.29

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P. Kumar

The Commission upon examining the action plan observed that the respondent no.6 will be able to meet the compliance if it succeeds in executing the action plan as submitted and directs the respondent to ensure 100% compliance of Renewable Purchase Obligations for the FY 2020-21 including the backlog for the previous years.

7. ELECTRICITY DEPARTMENT, U.T CHANDIGARH: RESPONDENT NO. 7

The Commission examined the report submitted by respondent no. 7 and has calculated the RPO targets based on the latest figures of sales available, which are summarized below:

CUMULATIVE COMPLIANCE TILL FY 2019-20 INCLUDING BACKLOG: CHANDIGARH

S. No	RPO Obligation	Sales figure for FY 2019-20 In MUs	RPO Target to be Met for FY 2019-20		Cumulative Target for FY 2019-20 including backlog (Till End of March 2020)	Total RPO Met from various sources for FY 2019-20 In MUs				(Excess)/Shortfall
			%	MU		MU	Generation	REC	Power Purchase	
1	2	3	4	5	6	7	8	9	10	11
1	Solar	342.76	4.7	16.11	16.11	0	0	32.08	32.08	(15.97)
2	Non-Solar		6.8	23.31	23.31	0	10.00	0	10.00	13.31
3	Total		11.5	39.42	39.42	0	0	32.08	42.08	NIL

The Commission observed that the respondent has achieved the Solar RPO target for FY 2019-20 and has a shortfall of 13.31 MUs in achieving the Non-Solar RPO target although it has complied in overall compliance of RPO. The Commission appreciates the efforts of the respondents to comply

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R Kumar.

with the Solar RPO targets and also the fact that the respondent no. 7 has managed to achieve the target entirely through physical power purchase and directs the respondents to continue its efforts for 100% compliance of Solar RPO and continue to achieve the Non-Solar RPO targets also.

Further the action plan and actual achievement for FY 2020-21 submitted by the respondent no. 7 is as tabulated below:

ACTUAL ACHIEVEMENT IN THE FIRST QUARTER FOR FY 2020-21: CHANDIGARH

RPO Obligation for FY 2020-21	Total RPO Met from various sources for FY 2020-21 (First Quarter: April 2020 to June 2020) In MUs			
	1	2	3	(4=1+2+3)
	Generation	REC	Power Purchase	Total
Solar	0	0	4.84	4.84
Non-Solar	0	0	0	0
Total	0	0	4.84	4.84

ACTION PLAN FOR THE NEXT THREE QUARTERS OF FY 2020-21: CHANDIGARH

RPO Obligation for FY 2020-21 (1)	Sales Figure for FY 2020-21 In MUs (2)	FY 2020-21 Target In MUs (3)	Second Quarter (July 2020- September 2020) In MUs (4)			Third Quarter (October 2020-December 2020) In MUs (5)			Fourth Quarter (January 2021-March 2021) In MUs (6)			Total RPO Compliance In MUs (7=4+5+6+ Q1 actual)
			Generati on	REC	Power Purchase	Generatio n	REC	Power Purchase	Generati on	REC	Power Purchase	
Solar	481.95	29.40	0.00	0.00	2.00	0.00	0.00	4.00	0.00	0.00	33.11	43.95
Non-Solar		38.56	0.00	0.00	0	0.00	12.50	0.00	0.00	12.50	0.00	25.00
Total		67.95	0.00	0.00	2.00	0.00	12.50	4.00	0.00	12.50	33.11	68.95

Certified
Rkumar

The respondent no. 7 submitted that in order to fulfill the RPO targets for the FY 2020-21 it plans to meet the Solar RPO target through Solar power generation available within the UT of Chandigarh and Non-Solar RPO target to be achieved through 40 MW Wind Power for which PSA has already been signed with SECI. The respondent also mentioned that if Wind power is not available, the Non-Solar RECs will be purchased to meet the target. The respondent also submitted that due to budget constraint because of COVID-19, Non-Solar RECs could not be purchased.

The Commission further directs the respondent no.7 to continue with the efforts in order to ensure full compliance in the FY 2020-21.

Ordered Accordingly.

**Sd/-
(M.K Goel)
CHAIRPERSON**

Certified Copy



**(Rakesh Kumar)
Secretary**