

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

Quorum

Shri M.K. GOEL, Chairperson

Suo Moto Petition No. 77/2012

Date of Hearing: 30th July 2020

Date of Order: 23.09.2020

In the matter of:

Status of Consumer Metering upto FY 2020-21 as per Regulation 8 of JERC (Electricity Supply Code) Regulations, 2010 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

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

Certified
Chairman

ORDER

The Commission has conducted the Suo Moto Hearing on 30th July, 2020 in the matter of Status of Consumer Metering as per Regulation 8 of JERC (Electricity Supply Code) Regulations, 2010 and as amended from time to time in order to ascertain and take on record work done vis-à-vis targets by the DISCOM/EDs in each territory in FY 2019-20 towards replacement of mechanical and defective electronic meters and providing meters for unmetered connections and also their Action Plan for such replacement in FY 2020-21.

The Commission has received detailed information on affidavit for FY 2019-20 along with the action plan for the FY 2020-21 regarding compliance of metering status. The same has been taken on record.

1. ELECTRICITY DEPARTMENT, GOA: RESPONDENT NO. 1

FY 2019-20

The Respondent No. 1 has submitted for FY 2019-20 that total number of consumers are 6,42,104. The number of meters to be replaced were 1,88,860 out of which 1,51,226 were mechanical meters, 37,068 were defective electronic meters and 566 unmetered consumers. The actual number of meters replaced were 79,918 out of which 57,584 are mechanical meters, 21,850 were defective electronic meters and 484 unmetered consumers.

OVERALL ACTION PLAN (FY 2019-20)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 27 th May 2019	642014				
Commitment		151226	37068	566	Total: 188860
Actual for FY 2019-20		57584	21850	484	Total: 79918

The Commission observes that for FY 2019-20 actual number of meters replaced were around 42% of total meters to be replaced. The unmetered consumer in ED-Goa are still high.

FY 2020-21

The Respondent No. 1 has submitted for FY 2020-21 that total number of consumers are 6,57,028. The number of meters to be replaced are 1,25,699 out of which none of the meters are replaced till 31st July, 2020. A provision has been made for 8000 meters for new connections.

Certified
Prasanna

In compliance to the direction of the Commission to submit action plan on affidavit. The Respondent has submitted the action plan as under:

OVERALL ACTION PLAN (FY 2020-21)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 30th July 2020	657028				
Commitment		93642	31975	82	Total: 125699
Actual till 31 st July ,2020		0	0	0	Total: 0

Detailed month wise Action Plan (No.s)					
Months	Mechanical Meters (1)	Defective Electronic Meters (2)	Unmetered consumers (3)	Total Meters to be replaced (4)	Meters for New connections (5)
				(4) = (1) +(2) +(3)	
From 1 st April to 31 st July' 2020	0	0	0	0	0
August 2020	0	0	0	0	1000
Sept 2020	0	0	0	0	1000
October 2020	15607	5328	13	20949	1000
November 2020	15607	5328	13	20950	1000
December 2020	15607	5329	14	20950	1000
January 2021	15607	5330	14	20950	1000
February 2021	15607	5330	14	20950	1000
March 2021	15607	5330	14	20950	1000
Total Meters Replaced	93642	31975	82	125699	8000

The Commission directs that the unmetered consumers be metered as first priority. The Commission directs that replacement of all defective electronic and mechanical meters be ensured as per the above given action plan.

2. ELECTRICITY DEPARTMENT, U.T LAKSHADWEEP: RESPONDENT NO. 2

FY 2019-20

The Respondent No. 6 has submitted for FY 2019-20 that total number of consumers are 24,135. The number of meters to be replaced were 581 defective electronic meters. The actual number of meters replaced were 581 were defective electronic meters.

OVERALL ACTION PLAN (FY 2019-20)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 27th May 2019	24,135				
Commitment		0	581	0	
Actual for FY 2019-20		0	581	0	

certified
Pranav

The Commission observes that all the meters are replaced by the respondent and there are no pending meters to be replaced for FY 2019-20.

FY 2020-21

The Respondent No. 6 has submitted that total number of consumers are 25,026. The number of meters to be replaced are 676 out of which 676 are defective electronic meters. There are no unmetered consumers. Meters proposed for new connections are 800 in addition to 396 meters already installed.

In compliance to the direction of the Commission to submit action plan on affidavit. The Respondent has submitted the action plan as under:

OVERALL ACTION PLAN (FY 2020-21)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 30th July 2020	25026				
Commitment	676	0	676	0	Replacement of defective energy meters is an ongoing process. Department will purchase the energy meters as and when requirement arise.
Actual till 31 st July	0	0	0	0	

Detailed month wise Action Plan (No.s)					
Months	Mechanical Meters (1)	Defective Electronic Meters (2)	Unmetered consumers (3)	Total Meters to be replaced (4)	Meters for New connections (5)
				(4) = (1) +(2) +(3)	
From 1 st April to 31 st July' 2020	0	676	0	676	396 (They are already replaced)
August 2020	0	0	0	0	100
Sept 2020	0	0	0	0	100
October 2020	0	0	0	0	100
November 2020	0	0	0	0	100
December 2020	0		0	0	100
January 2021	0	0	0	0	100
February 2021	0	0		0	100
March 2021	0	0	0	0	100
Total Meters Replaced	0	676	0	676	1196

The Commission directs that replacement of all defective electronic meters be ensured as per the above given action plan.

Certified
R. Kumar

3. DNHPDCL, U.T DADRA & NAGAR HAVELI: RESPONDENT NO. 3

FY 2019-20

The Respondent No. 4 has submitted for FY 2019-20 that total number of consumers are 77,240. The number of meters to be replaced were 5,651 out of which 2,541 are mechanical meters, 3,110 were defective electronic meters and 0 unmetered consumers. The actual number of meters replaced were 2000 defective Electronic meters.

OVERALL ACTION PLAN (FY 2019-20)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 27 th May 2019	77,240				
Commitment		2,541	3,110	0	
Actual for FY 2019-20		0	2000	0	

It is observed that, there were no mechanical meters replaced for FY 2019-20. The Commission therefore directs the Respondent 4 to furnish the reasoning for the same.

FY 2020-21

The Respondent No. 4 has submitted that total number of consumers are 83,679. The number of meters to be replaced are 5,993 out of which 2,541 are mechanical meters and 3,452 are defective electronic meters There are no unmetered consumers. Meters proposed for new connections are 3,196.

In compliance to the direction of the Commission to submit action plan on affidavit. The Respondent shas submitted the action plan as under:

OVERALL ACTION PLAN (FY 2020-21)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 30 th July 2020	83,679				
Commitment		2,541	3,452* (1110+2342)	NIL	
Actual till 31 st July 2020		0	0	NIL	
*Faulty meter replacement work balance carried forward from previous year: 1110 New faulty meters during time period May 2019- to June 2020: 2342					

Certified Plans

Detailed month wise Action Plan (No.s)					
Months	Mechanical Meters (1)	Defective Electronic Meters (2)	Unmetered consumers (3)	Total Meters to be replaced (4)	Meters for New connections (5)
				(4) = (1) +(2) +(3)	
From 1 st April to 31 st July' 2020	-	1276	-	1276	433
August 2020	-	106	-	106	238
Sept 2020	-	-	-	-	250
October 2020	-	-	-	-	275
November 2020	-	-	-	-	300
December 2020	700	500	-	1200	350
January 2021	700	500	-	1200	400
February 2021	600	550	-	1150	450
March 2021	541	520	-	1061	500
Total Meters Replaced	2541	3452	-	5993	3196

The Commission directs the respondent that replacement of all defective electronic and mechanical meters be ensured as per the above given action plan.

4. ELECTRICITY DEPARTMENT, U.T ANDAMAN & NICOBAR ISLANDS: RESPONDENT NO. 4

FY 2019-20

The Respondent No. 2 has submitted for FY 2019-20 that total number of consumers are 1,35,449. The number of meters to be replaced were 41,437 out of which 29,338 are mechanical meters, 12,099 were defective electronic meters and 0 unmetered consumers. The data for actual number of meters replaced has not been furnished.

OVERALL ACTION PLAN (FY 2019-20)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 27th May 2019	1,35,449				
Commitment		29,338	12,099	0	Around 18,000 meters were procured
Actual for FY 2019-20					

The Commission observes that for FY 2019-20 complete data has not furnished by the respondent. It is therefore, directed to provide the complete data within one month of issuance of this order.

FY 2020-21

The Respondent No. 2 has submitted that total number of consumers are 1,41,884. The number of meters to be replaced are 37,107 out of which 25,500 are mechanical meters and 11,607 are defective electronic meters. There are no unmetered consumers. No data is given for the meters proposed for new connections and actual number of meters replaced by the respondent.

*Certified
Plummer*

In compliance to the direction of the Commission to submit action plan on affidavit. The Respondent has submitted the action plan as under:

OVERALL ACTION PLAN (FY 2020-21)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 30th July 2020	1,41,884				
Commitment		25,500	11,607	0	76,000 Smart Meters received, awaiting consumer indexing & installation. Delayed due to COVID.
Actual					

Actual figures for replacement of meters with Electromechanical and Electronic is not readily available. The divisions are unable to compile the requisite information in view of lockdown imposed by the Administration. The movement has been restricted within the district due to lockdown from 05th August to 31st August. Further, many site offices were working with bare minimum staff due to illness/containment zone and most site offices still don't have proper connectivity.

The Commission directs to submit the month wise action plan for the total number of meters to be replaced within one month of issuance of this order.

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

FY 2019-20

The Respondent No. 7 has submitted for FY 2019-20 that total number of consumers are 4,31,712. The number of meters to be replaced were 93,897 out of which 57,883 are mechanical meters, 14,730 were defective electronic meters and 21,284 unmetered consumers. The actual number of meters replaced were 44,881 out of which 34,253 were mechanical meters, 1245 were defective Electronic meters and 9383 were unmetered consumers.

OVERALL ACTION PLAN (FY 2019-20)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 27th May 2019	4,31,712				
Commitment		57,883	14,730	21,284	
Actual for FY 2019-20		34,253	1,245	9,383	

The Commission observes that for FY 2019-20 actual number of meters replaced were only around 48% of total meters to be replaced. The unmetered connections are still very high.

*Certified
Planners'*

FY 2020-21

The Respondent No. 7 has submitted that total number of consumers are 4,38,608. The number of meters to be replaced are 53,626 out of which 23,630 are mechanical meters, 18,095 are defective electronic meters and 11,901 are unmetered consumers. Total number of meters proposed for new connections are 9,638.

In compliance to the direction of the Commission to submit action plan on affidavit. The Respondent has submitted the action plan as under:

OVERALL ACTION PLAN (FY 2020-21)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 30 th July 2020	4,38,608				
Commitment		23,630	18,095	11,901	
Actual till 31 st July 2020		4,316	8,753	343	

Detailed month wise Action Plan (No.s)					
Months	Mechanical Meters (1)	Defective Electronic Meters (2)	Unmetered consumers (3)	Total Meters to be replaced (4)	Meters for New connections (5)
				(4) = (1) +(2) +(3)	
From 1 st April to 31 st July' 2020	4,316	8,753	343	13,412	3,638
August 2020	1000	1000	500	2500	400
Sept 2020	1000	1000	500	2500	800
October 2020	1000	1000	500	2500	800
November 2020	1000	1000	500	2500	800
December 2020	3750	1250	2500	7500	800
January 2021	3750	1250	2500	7500	800
February 2021	3750	1250	2500	7500	800
March 2021	4064	1592	2058	7714	800
Total Meters Replaced	23,630	18,095	11,901	53,626	9,638

The Commission directs that the unmetered consumers be metered on top priority.

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

FY 2019-20

The Respondent No. 5 has submitted for FY 2019-20 that total number of consumers are 60,867. The number of meters to be replaced were 751 out of which 489 are mechanical meters, 262 were defective electronic meters and 0 unmetered consumers. The actual number of meters replaced were 320 out of which 166 were mechanical meters and 154 were defective electronic meters.

Certified
Dharmans

OVERALL ACTION PLAN (FY 2019-20)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 27th May 2019	60,867				
Commitment		489	262	0	
Actual for FY 2019-20		166	154	0	

The Commission observes the progress and appreciates for the same.

FY 2020-21

The Respondent No. 5 has submitted that total number of consumers are 62,533. The number of meters to be replaced are 119 out of which 35 are mechanical meters and 84 are defective electronic meters There are no unmetered consumers. Meters proposed for new connections are 338.

In compliance to the direction of the Commission to submit action plan on affidavit. The Respondent has submitted the action plan as under:

OVERALL ACTION PLAN (FY 2020-21)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 30th July 2020	62,533				
Commitment		323	108	0	
Actual till 31 st July 2020		35	84	0	

Detailed month wise Action Plan (No.s)					
Months	Mechanical Meters (1)	Defective Electronic Meters (2)	Unmetered consumers (3)	Total Meters to be replaced (4)	Meters for New connections (5)
				(4) = (1) +(2) +(3)	
From 1 st April to 31 st July 2020	35	84	0	119	338
August 2020	288	24	0	24	0
Sept 2020			0		0
October 2020		0	0	288	0
November 2020		0	0		0
December 2020		0	0		0
January 2021		0	0		0
February 2021		0			0
March 2021		0	0		0
Total Meters Replaced		323	108	0	431

Certified
Dhruvan

The Respondent has submitted that 288 number of households with domestic connections are closed for long time since the residents are out of country. The said meters will be replaced as and when the house is found open. Further 24 electronic meters are having no display. The said meters are being replaced and will be completed before the end of September 2020.

The Commission directs the respondent that replacement of all defective electronic and mechanical meters be ensured as per the above given action plan.

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

FY 2019-20

The Respondent No. 3 has submitted for FY 2019-20 that total number of consumers are 2,24,313. Data for the total number of meters to be replaced has not been provided. However, the actual number of meters replaced were 8079 out of which 7801 are mechanical meters, 278 were defective electronic meters and 0 unmetered consumers.

OVERALL ACTION PLAN (FY 2019-20)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 27 th May 2019	224313				
Commitment		----	----	---	
Actual for FY 2019-20		7801	278	0	

It is observed that for FY 2019-20 actual number of meters replaced has not been furnished. The Commission therefore directs the Respondent 3 for furnish the complete details within one month of issuance of this order.

FY 2020-21

The Respondent No. 3 has submitted that total number of consumers are 2,27,818. The number of meters to be replaced are 6,970 out of which 348 are mechanical meters and 6,622 are defective electronic meters There are no unmetered consumers. Meters proposed for new connections are 1,562.

In compliance to the direction of the Commission to submit action plan on affidavit. The Respondent shas submitted the action plan as under:

*Certified
Planner*

OVERALL ACTION PLAN (FY 2020-21)					
	Total number of consumers (No.s)	Total Meters to be replaced (No.s)			Remarks
		Mechanical Meters to be replaced	Defective Electronic meters to be replaced	Unmetered connections to be metered	
Action Plan given in the Suo Moto Hearing on 30th July 2020	227818				
Commitment		348	6622	0	The defective electronic meters 4422 are as on 31.03.2020 and replacement of defective meters is a continuous process and will be subsequently replaced in phased manner.
Actual till 31 st July 2020		The smart grid pilot project under s/divn. No.5 is in progress wherein more than 26000 exiting meters shall be replaced with smart meters and more than 45000 meters have already been placed. However, the serviceable electronic meters removed under this smart grid pilot project will also be utilized for replacement of defective/mechanical meters after recalibration from M&P lab of U.T. Chandigarh. Further the smart grid project of pan city chandigarh is under process and all the existing meters shall be replaced with smart meters.			

Detailed month wise Action Plan (No.s)					
Months	Mechanical Meters (1)	Defective Electronic Meters (2)	Unmetered consumers (3)	Total Meters to be replaced (4)	Meters for New connections (5)
				(4) = (1) +(2) +(3)	
From 1 st April to 31 st July' 2020	80	2973	0	3053	417
August 2020	20	496	0	516	173
Sept 2020	85	665	0	750	133
October 2020	82	690	0	772	135
November 2020	49	676	0	725	152
December 2020	12	266	0	278	150
January 2021	10	278	0	288	131
February 2021	5	271	0	276	136
March 2021	5	307	0	312	135
Total Meters Replaced	348	6622	0	6970	1562

The Commission directs the respondent that replacement of all defective electronic and mechanical meters be ensured as per the above given action plan.

Ordered accordingly.

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

CERTIFIED COPY

**(Rakesh Kumar)
Secretary**