

**ODISHA ELECTRICITY REGULATORY COMMISSION
PLOT NO. 4, CHUNOKOLI, SAILASHREE VIHAR
BHUBANESWAR - 751 021

**No.DIR (T)-368/09/18/288
Dated-19/02/2020**

To

The Authorised Officer ,
NESCO Utility, At/P.O. Januganj,
Dist. Balasore.

Sub: Review of Half yearly Performance of NESCO Utility FY 2019-20 (April-September)

Sir,

In inviting a reference to the subject cited above, I am directed to send herewith the aforesaid report for your information and necessary action.

Yours faithfully,

Encl: As above.

SECRETARY

Copy to:

- i) The Principal Secretary, Department of Energy, Govt. of Odisha along with copy of the enclosure for favour of information.
- ii) The CMD, GRIDCO/OPTCL, Janpath, Bhubaneswar along with copy of the enclosure for favour of information.

Encl: As above.

SECRETARY

Record Note of Annual Performance Review of NECSO Utility held on 04.12.2019 at 11:00AM in the Training Hall of the OERC in the presence of the Commission

Date of Review : 4th December, 2019
Period of Review : April 2019-September 2019
Representatives of NESCO : list enclosed as Annexure-I.

The performance of NESCO utility for half year of FY 2019-20 was reviewed by the Commission on 4th September, 2019 at 11:00 AM in the presence of senior officials of NESCO utility. The Commission reviewed the billing and collection position of the NESCO utility for the period from April 2019 to September 2019.

The details of performance of NESCO utility as indicated in their presentation with regard to the key performance indicators are as follows:-

<u>HALF-YEARLY PERFORMANCE OF NESCO-As on September-2019</u>					
BULK SUPPLY	2017-18	2018-19	(April-Sept) 2018-2019	(April-Sept) 2019-2020	OERC Approval for 2019-20
AVG. DEMAND (MVA)	833.08	891.38	924.61	936.52	990.000
Energy input (MU)	5448.99	5,575.78	2860.27	3028.64	6310.00
BST & Tr.Charge bill (Cr.)	1640.99	1,818.67	932.93	981.86	
SALE TO CONSUMERS (MU)					
EHT	1997.77	2,179.03	1028.25	1127.91	2134.36
HT	441.72	431.34	219.47	226.79	428.35
LT	1795.47	1,920.55	988.96	1087.65	2589.41
TOTAL	4,234.96	4,530.92	2,236.68	2,442.36	5,152.12
% of LT to Input	42.40%	42.39%	34.58%	35.91%	41.04%
DISTRIBUTION LOSS (%)					
HT (Assume)	8.00%	8.00%	8.00%	8.00%	8.00%
LT	34.31%	28.70%	32.54%	28.53%	24.14%
HT & LT	35.18%	30.76%	34.04%	30.84%	27.73%
OVERALL	22.28%	18.74%	21.80%	19.36%	18.35%
BILLING EFFECIENCY (%)					
HT	92.00%	92.0%	92.0%	92.0%	92.00%
LT	65.69%	71.3%	67.5%	71.5%	75.86%
HT & LT	64.82%	69.2%	66.0%	69.2%	72.3%
OVERALL	77.72%	81.3%	78.2%	80.6%	81.65%
COLLECTION EFFICIENCY (%)					
EHT	91.52%	96.46%	97.32%	96.25%	99.00%
HT	98.24%	-3.00%	97.00%	100.99%	99.00%
LT	94.72%	89.10%	69.25%	65.67%	99.00%
HT & LT	95.67%	91.04%	76.34%	73.70%	99.00%
OVERALL	93.38%	94.10%	87.51%	85.59%	99.00%
AT & C LOSS (%)					
LT	37.78%	36.48%	53.29%	53.07%	24.89%
HT & LT	37.98%	36.96%	49.64%	49.04%	28.45%
OVERALL	27.43%	23.53%	31.57%	30.97%	19.17%

Commission's Observations:

The Commission reviewed the compliances of the directions given in last performance review meeting. AO, NESCO Utility apprised the Commission about the compliances made by NESCO Utility.

The Commission compared the figures relating to business operation of NESCO Utility for 1st half of FY 2019-20 with that of the corresponding period of FY 2018-19. The key observations are as follows:-

	As on 30.09.2018	As on 30.09.2019	Increase / Decrease	(↑↓)
EHT Sale (MU)	1028.247	1127.914	99.667	↑
HT Sale (MU)	219.474	226.792	7.318	↑
LT Sale (MU)	988.958	1087.653	98.695	↑
Distribution Loss	21.8%	19.36%	-2.44%	↓
Billing Efficiency	78.2%	80.64%	2.44%	↑
Collection Efficiency	87.51%	85.60%	-1.91%	↓
AT & C Loss	31.57%	30.97%	-0.60%	↓

1. From the above table it is observed that there is an increase of sale of 99.667 MU, 7.318 MU & 98.695 MU in EHT, HT & LT category of consumers respectively.
2. NESCO utility submitted that 1,38,336 number of consumers have been added during the 1st half of 2019-20. The total number of consumers as on 30.09.2019 is 19,63,316 and 18,54,216 consumers are under billing fold.
3. On Energy Audit, NESCO utility submitted that out of 91 nos. of 33 kV feeders, all 91 feeders are metered and 63 Nos. have been audited. Out of 696 nos. of 11 kV feeders all 696 nos. of 11 kV feeders have been metered. They have audited 510 nos. 11 kV feeders. Out of 63563 nos. of DTRs, 1662 DTRs are metered and 52242 numbers of DTRs are audited.
4. NESCO utility had paid BSP of October 2019 partly, i.e. it is lagging behind 20 days in BSP payment.

5.

STATUS OF ARREAR

(Rs. in Crs.)							
Category	Arrears as on 31.03.2019(In cluding the arrears as on 31.03.1999)	Billing for the period (Apr-19 to Sep-19)	Collection against current dues (Apr-19 to Sep-19) against '3'	Collection against arrear during (Apr-19 to Sep-19) against '2'	Total collection	Arrear for the period (Apr-19 to Sep-19)	Arrear as on 30-09-2019
1	2	3	4	5	6=4+5	7=3-4	8=2-5+7
EHT	297.42	678.65	653.23	0.00	653.23	25.42	322.83
HT	48.89	128.78	121.10	7.12	128.22	7.68	49.45
LT	1166.29	438.04	269.00	26.53	295.53	169.04	1308.80
Govt & PSU HT	20.10	9.40	9.40	1.94	11.33	0.00	18.16
Govt & PSU LT	54.16	31.73	12.95	0.00	12.95	18.77	72.93
Total of above	1586.86	1286.59	1065.68	35.58	1101.27	220.91	1772.19

6. Metering Status:-

The Commission reviewed the progress in consumer metering. The representatives of PMU, OPTCL stated that out of 5,40,000 meters to be supplied them, 3,52,035 meters are already installed in NESCO utility area. They have already given NESCO utility 50,000 meters to be installed by NESCO utility and 60,000 meters will be installed by NTPC & PGCIL. Rest 80,000 meters to will be installed by January 2020.

PMU,OPTCL is also ready to install 87,000 meters in NESCO Utility by March 2020. So by March 2020 NESCO utility will have 100% metering

7. A.O., NESCO Utility suggested that they should go for 100% DTR metering, so that responsibility can be fixed on respective officers for loss reduction. The Commission opined that we should start with 3 phase DTRs in urban area and then 1 phase DTRs in urban area.

8. The Commission enquired about the ideal technical loss in pilot feeders and

9. A.O. NESCO stated that as per the decision taken in last meeting, EHT consumers with arrear bill were disconnected and now they are paying their current bill in time.

10. The Commission opined that load balancing is continuous process and should be carried out regularly. The Commission ordered NESCO officials to carry out one study on load balancing and find the loss due unbalancing. The Commission also asked OERC officers to check loss due to unbalancing during Surprise visit.

11. It is observed from the KPI data that DTR burning is alarming in NESCO Utility and this should be taken care.

12. In reply to the Complain redressal mechanism, NESCO official told that they are using both twitter and Facebook for consumer interaction, consumer grievance redressal and for consumer awareness.

13. Till now NESCO Utility has engaged 83 WSHGs in Billing and collection work.

14. 73 vigilance squads are operating at field level focusing on urban and loss making feeders.

Directives of the Commission:

1. Commission directed NESCO Utility to strengthen their disconnection drive of 100 defaulter consumer per day per division.
2. The Commission directed A.O., NESCO Utility to intervene in the top up problem in G B Nagar WSHG and solve.
3. The Commission directed NESCO official to find out the theoretical technical loss in 11 kV Nathuabar, Agarpada and Sergarh feeders.
4. The Commission directed NESCO to complete consumer metering by March 2020.

Representative of NESCO UTILITY

1. Sri Shankar Krishnan, A.O., NESCO
2. Sri S.P.Mallick, COO
3. Sri P.M.Mohanty, Sr.G.M.(F)
4. Sri S. K. Dash, G.M.(Project)
5. Sri S C Mahalik , GM (Operation)
6. Sri A. K. Sahu
7. Sri Malancha Ghose, AGM(RA)
8. Sri Sanjib Kr.Jena, Manager(Elect)
9. Sri G.S.Mohapatra, Manager(F)
10. Sri A.K.Mohapatra, Manager(F)