

**Record Note of Annual Performance Review of CESU held on 01.06.2019 at 03.00PM in the Training Hall of the OERC in the presence of the Commission**

**Date of Review** : 01<sup>st</sup> June, 2019  
**Period of Review** : April 2018-March 2019  
**Representatives of CESU: list enclosed as Annexure-I.**

The performance of CESU for FY 2018-19 was reviewed by the Commission on 01<sup>st</sup> June, 2019 at 03.00 PM in the presence of senior officials of CESU. The Commission reviewed the billing and collection position of the CESU for the period from April 2018 to March 2019.

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

<b><u>ANNUAL PERFORMANCE OF CESU-As on March-2019</u></b>				
<b>BULK SUPPLY</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-2019</b>	<b>OERC Approval for 2018-19</b>
<b>AVG. DEMAND (MVA)</b>	1511.19	1521.11	1454.98	1580.00
Energy input (MU)	8139.36	8466.81	8784.00	9070.00
BST & Tr.Charge bill (Cr.)	2401.11	2531.58	2626.42	1852.52
<b>BST bill P/U</b>	<b>295.00</b>	<b>299.00</b>	<b>299.00</b>	<b>204.25</b>
<b>SALE TO CONSUMERS (MU)</b>				
EHT	975.27	1003.12	1245.69	932.7
HT	1105.26	1198.58	1254.65	1442.56
LT	3408.06	3579.76	3810.52	4608.64
<b>TOTAL</b>	<b>5,488.59</b>	<b>5,781.46</b>	<b>6,310.86</b>	<b>6983.90</b>
<b>% of LT to Consumption</b>	<b>41.87%</b>	<b>42.28%</b>	<b>43.38%</b>	<b>50.81%</b>
<b>DISTRIBUTION LOSS (%)</b>				
HT (Assume)	8.00%	8.00%	8.00%	8.00%
LT	37.87%	36.84%	32.92%	23.75%
HT & LT	37.00%	35.98%	32.81%	25.64%
<b>OVERALL</b>	<b>32.57%</b>	<b>31.72%</b>	<b>28.16%</b>	<b>23.00%</b>
<b>BILLING EFFECIENCY (%)</b>				
HT	92.0%	92.0%	92.00%	92.0%
LT	62.1%	63.2%	67.08%	76.3%
HT & LT	63.0%	64.0%	67.19%	74.4%
<b>OVERALL</b>	<b>67.4%</b>	<b>68.28%</b>	<b>71.84%</b>	<b>77.0%</b>
<b>COLLECTION EFFICIENCY (%)</b>				
EHT	102.68%	100.90%	100.37%	99%
HT	99.60%	99.38%	98.64%	99%
LT	92.89%	93.69%	94.37%	99%
HT & LT	94.91%	95.42%	95.67%	99%
<b>OVERALL</b>	<b>96.56%</b>	<b>96.56%</b>	<b>96.75%</b>	<b>99%</b>
<b>AT &amp; C LOSS (%)</b>				
LT	42.29%	40.83%	36.70%	24.51%
HT & LT	40.21%	38.91%	35.72%	26.38%
<b>OVERALL</b>	<b>34.89%</b>	<b>34.07%</b>	<b>30.49%</b>	<b>23.77%</b>

**Commission’s Observations:**

Commission took note of CESU for their effort in restoration of power supply after the Cyclone FANI on 03.05.2019 which has affected most part of the CESU distribution system and Puri division is the worst affected area.

The Commission compared the figures relating to business operation of CESU for FY 2018-19 with the corresponding period of FY 2017-18. The key observations are as follows:-

	As on 31.03.2018	As on 31.03.2019	Increase / Decrease	(↑↓)
No of consumer	22,34,038	25,32,404	2,98,366	↑
No.of Working Meter	20,32,384	21,67,166	1,34,782	↑
EHT Sale (MU)	1003.12	1245.69	242.57	↑
HT Sale (MU)	1198.58	1254.65	56.07	↑
LT Sale (MU)	3579.76	3810.52	230.76	↑
Distribution Loss	31.72 %	28.16%	-3.12	↓
Billing Efficiency	68.28 %	71.84 %	3.56	↑
Collection Efficiency	96.56 %	96.75 %	0.19	↑
AT & C Loss	34.07 %	30.49 %	-3.58	↓

1. There is 242.57 MU increase in EHT sale whereas only 56.07 MU increase in HT sale. Though there is 2,98,366 consumers addition in Saubhagya, there is only 242.57 MU increase in LT sale.
2. On Energy Audit, CESU submitted that all 176 nos of 33 kV feeders are metered and out of 176 Nos. of 33 KV feeders 114 Nos. have been audited. Out of 856 nos of 11 kV feeders, 750 nos.of 11 kV feeders are metered and out of which 652 nos are audited. Out of 67009 nos of DTRs only 8743 nos. are metered and 175 nos. are audited.
3. CESU Utility has completed consumer tagging of only 60% of total consumer.
4. Though 12 months BSP payment was made in FY 2018-19, CESU is lagging behind by 2 months in BSP payment.

## DIVISION WISE COMPARISON OF LT PERFORMANCE OF CESU

Name of the Division	FY.2017-18	FY.2018-19	Increase / Decrease
BCDD-I	2.85%	-4.06%	6.91%
BCDD-II	2.68%	-1.39%	4.08%
BED	14.99%	9.25%	5.74%
NEDN	69.02%	66.51%	2.51%
PED	41.45%	39.90%	1.55%
KED	38.20%	33.66%	4.53%
BEDB	35.43%	33.15%	2.28%
NYED	26.20%	19.94%	6.27%
CED	66.20%	64.05%	2.15%
CDD-I	9.13%	4.16%	4.97%
CDD-II	21.49%	12.44%	9.05%
SED	66.66%	69.68%	-3.02%
AED	72.26%	70.84%	1.42%
KED-I	38.18%	35.80%	2.39%
KED-II	45.48%	42.61%	2.87%
PDP	53.54%	50.15%	3.39%
JED	48.58%	39.08%	9.50%
DED	59.30%	54.93%	4.37%
TED	65.08%	59.24%	5.83%
AnED	56.17%	51.01%	5.16%
<b>CESU AS WHOLE</b>	<b>40.83%</b>	<b>36.70%</b>	<b>4.13%</b>

5. It is observed from the LT AT& C loss table above that Jagatsinghpur Division has performed best among all divisions with 9.5% LT AT & C loss reduction and Salipur has performed worst with 3.02% increase in LT AT & C loss.
6. Commission enquired about high AT & C loss at Puri division though it is an urban division. Commission asked CESU officials for strict monitoring of Puri division. CESU officers stated that Brahmagiri, Delanga, Kanasa and Sunamuhin are the places which are major contributors to high AT&C loss in the division.
- 7.

### STATUS OF ARREAR FOR THE FY-2018-19 (In Rs Cr.)

Particular	Arrear as on 31.03.2018 (Rs. Cr.)	Billing for the 2018-19 (Apr-Mar)	Collection against arrear for the fy -2018-19 (Apr-Mar)	Arrear as on 31.03.2019
1	2	3	4	5=(2+3-4)
EHT	109.37	773.57	776.44	106.50
HT	33.14	786.36	775.66	43.84
LT	1494.17	1807.21	1705.49	1595.89
<b>Total of above</b>	<b>1686.24</b>	<b>3367.14</b>	<b>3257.59</b>	<b>1746.22</b>

It is observed that there is 60Cr. increase in arrear in FY 2018-19.

8.

Metering Status:-

<b>Report on Metering</b>			
<b>Sl. No.</b>	<b>Particulars</b>	<b>CESU</b>	
		<b>As on 31.03.2018</b>	<b>As on 31.03.2019</b>
<b>SINGLE PHASE</b>			
1	Total Number of Consumer	21,50,358	24,66,305
2	Number of consumers without meters	29,481	1,59,109
3	Number of defective meters	1,59,995	1,93,254
4	Number of Meters in Working condition	19,60,882	21,13,942
5	Number of Static Meters	12,33,674	21,13,942
6	Number of electro-mechanical Meters	7,27,208	
<b>THREE PHASE</b>			
1	Total Number of Consumer	84,494	66,099
2	Number of consumers without meters	7,907	8,450
3	Number of defective meters	3,980	4,425
4	Number of Meters in Working condition	72,607	53,224
5	Number of Static Meters	70,210	53,224
6	Number of electro- mechanical Meters	2397	
	<b>Total number of consumers</b>	<b>22,34,852</b>	<b>25,32,404</b>

Out of 2,15,000 meters of CESU to be installed by GRIDCO, only 8,000 meters have been installed and rest will be installed by October 2019. There are 8,20,000 meters to be installed by CESU . Commission observed that CESU may request Government in Energy Department to fund the installation of the new meters. If the funding is available as indicated by the Secretary, Energy CESU will have to make all arrangements for installation 1,50,000 meters each month to complete the work within a period of six months..

9. 24x7 Grievance Redressal Call Centre is running in full phase in CESU.

**Directives of the Commission:**

	<b>ALL ODISHA PERFORMANCE OF DISCOMs</b>				
	<b>FY 2018-19</b>				<b>All Odisha 2018-19</b>
	<b>CESU</b>	<b>NESCO</b>	<b>WESCO</b>	<b>SOUTHCO</b>	
<b>DEMAND (MVA) (OERC APPROVAL)</b>	<b>1580.00</b>	<b>990.00</b>	<b>1350.00</b>	<b>610.00</b>	<b>4530.00</b>
<b>ACTUAL SMD (MVA)</b>	<b>1454.98</b>	<b>891.38</b>	<b>1123.00</b>	<b>634.18</b>	<b>4103.54</b>
<b>APPROVED PURCHASE (MU)</b>	<b>9070.00</b>	<b>6140.00</b>	<b>7120.00</b>	<b>3660.00</b>	<b>25990.00</b>
<b>Energy input (MU)</b>	<b>8784.00</b>	<b>5575.78</b>	<b>7573.27</b>	<b>3638.95</b>	<b>25572.00</b>
<b>SALE TO CONSUMERS (MU)</b>					
<b>EHT</b>	<b>1245.69</b>	<b>2179.03</b>	<b>1556.92</b>	<b>456.02</b>	<b>5437.66</b>
<b>HT</b>	<b>1254.65</b>	<b>431.34</b>	<b>1808.75</b>	<b>285.30</b>	<b>3780.03</b>
<b>LT</b>	<b>3810.52</b>	<b>1920.55</b>	<b>2606.64</b>	<b>1814.56</b>	<b>10152.27</b>
<b>TOTAL</b>	<b>6310.86</b>	<b>4530.92</b>	<b>5972.31</b>	<b>2555.88</b>	<b>19369.96</b>
<b>OERC APPROVAL</b>	<b>6814.50</b>	<b>5013.32</b>	<b>5724.48</b>	<b>2726.70</b>	<b>20279.00</b>
<b>LOSS (%)</b>					
<b>LT Loss</b>	<b>32.92%</b>	<b>28.70%</b>	<b>30.05%</b>	<b>31.34%</b>	<b>31.14%</b>
<b>OVERALL</b>	<b>28.16%</b>	<b>18.74%</b>	<b>21.14%</b>	<b>29.76%</b>	<b>24.25%</b>
<b>OERC APPROVAL Loss</b>	<b>24.87%</b>	<b>18.35%</b>	<b>19.60%</b>	<b>25.50%</b>	<b>21.97%</b>
<b>BILLING EFFECIENCY (%)</b>					
<b>LT</b>	<b>67.08%</b>	<b>71.30%</b>	<b>69.95%</b>	<b>68.66%</b>	<b>68.86%</b>
<b>HT &amp; LT</b>	<b>67.19%</b>	<b>69.24%</b>	<b>73.39%</b>	<b>65.97%</b>	<b>69.20%</b>
<b>OVERALL Loss</b>	<b>71.84%</b>	<b>81.26%</b>	<b>78.86%</b>	<b>70.24%</b>	<b>75.75%</b>
<b>COLLECTION EFFICIENCY (%)</b>					
<b>EHT</b>	<b>100.37%</b>	<b>96.46%</b>	<b>91.88%</b>	<b>99.95%</b>	<b>96.15%</b>
<b>HT</b>	<b>98.64%</b>	<b>96.60%</b>	<b>100.39%</b>	<b>93.60%</b>	<b>98.81%</b>
<b>LT</b>	<b>94.37%</b>	<b>89.10%</b>	<b>66.33%</b>	<b>80.55%</b>	<b>84.35%</b>
<b>HT &amp; LT</b>	<b>95.67%</b>	<b>91.04%</b>	<b>83.36%</b>	<b>83.10%</b>	<b>89.32%</b>
<b>OVERALL</b>	<b>96.75%</b>	<b>94.10%</b>	<b>86.30%</b>	<b>86.95%</b>	<b>91.67%</b>
<b>AT &amp; C LOSS (%)</b>					
<b>LT</b>	<b>36.70%</b>	<b>36.48%</b>	<b>53.60%</b>	<b>44.70%</b>	<b>41.92%</b>
<b>HT &amp; LT</b>	<b>35.72%</b>	<b>36.96%</b>	<b>38.82%</b>	<b>45.18%</b>	<b>38.20%</b>
<b>OVERALL</b>	<b>30.49%</b>	<b>23.53%</b>	<b>31.94%</b>	<b>38.93%</b>	<b>30.57%</b>
<b>OERC APPROVAL</b>	<b>23.77%</b>	<b>19.17%</b>	<b>20.40%</b>	<b>26.25%</b>	<b>22.13%</b>

1. Commission asked C.E.O., CESU to increase the efficiency at Puri, Nimapada, Athagarh, SalipurDhenkanal and Angul which are making high losses.
2. Commission directed CESU to submit monthly report on meter installation to OERC.
3. Commission directed CESU to improve their Billing mechanism.
4. OERC officers will monitor new connection during their DISCOM visit.
5. Commission directed CESU to submit Business plan by 31<sup>st</sup> July.

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## Representative of CESU

1. Md. Sadique Alam, CEO, CESU
2. Sri S. K. Mishra, Sr. G. M., HR
3. Sri Manoj Kumar Singh, Sr.G.M.(AT & C)
4. Sri. T. K. Mohanty, Sr. G.M. (Elect.)
5. Sri M Mishra, Sr. G.M. (Elect.)
6. Sri P. Swain, Sr.G.M.(IT)
7. Sri P. K. Padhy, G.M. (Elect.)
8. Sri G. K. Chakraborty, G.M. (Elect.)
9. Sri S. K. Swain, AM (MIS)