

CHAPTER-3

3. Sales:

I. Annual Performance Review for FY-16:

The Commission in its Tariff Order 2015 dated 02.03.2015 had approved total sales to various consumer categories at 6435.90 MU as against the GESCO's proposal of 6542.05 MU. The actual sales of GESCO as per the current APR filing [D-2 format] is 6507 MU indicating an increase in sales to the extent of 71.87 MU with respect to the approved sales. There is an increase in sales to LT-categories by 158.61 MU and there is a reduction in sales to HT-categories by 86.74 MU.

It is noted that, as against the approved sales of 3172.41 MU to categories other than BJ/KJ and IP sets, the actual sales achieved by GESCO is 3191.33 MU, resulting in increase of sales to these categories by 18.92 MU. Further, GESCO has sold 3316.45 MU to BJ/KJ and IP set categories against approved sales of 3263.50 MU resulting in increased sales to these categories by 52.95 MU.

The actual share of sales to categories other than BJ/KJ and IP sets is 49.04% as against the estimated share of 49.29% resulting in 0.25% decrease in share to these categories, while the actual share of sales to BJ/KJ and IP sets has increased by the same percentage point.

The category wise sales approved by Commission and the actuals for FY 15 are indicated in the table below:

Category	Approved	Actuals	Approved-Actuals
LT-2a*	1000.68	1059.35	58.67
LT-2b	9.04	9.64	0.60
LT-3	264.41	274.89	10.48
LT-4b	24.67	2.98	-21.69
LT-4c	0.78	1.28	0.50
LT-5	158.39	166.37	7.98
LT-6	721.10	183.23	11.13
LT-6	174.39	210.84	36.45
LT-7	15.91	17.45	1.54
HT-1	78.72	84.14	5.42
HT-2a	1047.88	1003.50	-44.38
HT-2b	66.10	70.32	4.22
HT-2c	21.74	13.27	-8.47
HT-3a & b	118.70	76.19	-42.51
HT-4	12.07	12.87	0.80
HT-5	6.83	5.01	-1.82
Sub total	3172.41	3191.33	71.87
BJ/KJ	124.13	91.90	-32.23
IP	3139.37	3224.55	85.18
Sub total	3263.50	3316.45	71.87
Grand total	6435.91	6507.78	

***Including BJ/KJ installations consuming more than 18 units/month**

From the above table it is noted that the major category contributing to the reduction in sales with respect to the estimate is HT industries (44.38 MU), HT-3(42.51 MU) and LT -4(b) (21.69 MU). Further, it is observed there is increase in sales to LT-6 SL (36.45 MU), LT-2a (58.67 MU) and IP sets (85.18 MU). GESCOM shall analyze the reasons for the above.

In the light of the above GESCOM shall furnish the following information:

- a) In order to analyze reduction in HT sales, GESCOM shall furnish the data of sales to HT2(a) and HT2(b) categories along with the consumption from open access / wheeling for the period 2011-12 to 2014-16 in the following format:

Energy in MU

Year	Energy procured by GESCOM	Energy procured under open access / wheeling	Total
2011-12			
2012-13			
2013-14			
2014-15			
2015-16			

GESCOM Reply:

The data of sales to HT2(a) and HT2(b) categories along with the consumption from open access / wheeling for the period 2011-12 to 2014-16 furnished in the following format:

Table -6

In MU

Year	Energy procured by GESCOM	Energy procured under open access / wheeling	Total	Sales to HT-2(a) (industries)	Sales to HT-2(b) (Commercial)
2011-12	7238.05	64.68	7302.73	900.05	47.56
2012-13	7355.71	48.37	7404.08	956.25	52.98
2013-14	7566.02	22.24	7588.26	1055.49	58.91
2014-15	7870.42	17.3	7887.72	1051.92	62.24
2015-16	8244.38	164.66	8409.04	1003.50	70.32
2016-17 (upto Oct-16)	4246.23	155.19	4401.42	541	44.52

- b) Furnish the number of installations shifted from HT2a, HT2b and HT-4 categories to HT-2c category and the corresponding sales figures for FY14, FY15 and FY16, in order to estimate the impact of shifting of these installations.

GESCOM Reply:

The number of installations shifted from HT2a, HT2b and HT-4 categories to HT-2c category and the corresponding sales figures for FY14, FY15 and FY16, in order to estimate the impact of shifting of these installations will be submitted in January-2017.

- c) GESCOM has considered 17 units/installation/month for BJ/KJ category, whereas the same has to be based on actual specific consumption of FY-16. Hence, to assess the sales in BJ/KJ category, the breakup of installations consuming less than or equal to 18 units and above 18 units shall be furnished for FY16 to FY18 in the following format:

Particulars	No. of Installations	Consumption in MU
Installations Consuming less than 18 Units		
Installations consuming more than 18 units and build under LT 2a		

GESCOM Reply:

Break up of Installations & Sales consuming less than or equal to 18 units & above 18 units are as noted below:

Table -7

Particulars	FY-16 (Actuals)		FY-17 (Estimate)		FY-18 (Estimate)	
	No. of Installations	Consumption in MU	No. of Installations	Consumption in MU	No. of Installations	Consumption in MU
Installations consuming less than 18 units	579525	108.24	589793	116.55	601009	126.85
Installations consuming more than 18 units & billed under LT 2a	17046	15.61	17348	16.81	17678	18.30

II. Category wise sales for the control period:

GESCOM in its filing has stated that the energy sales for the FY18 has been estimated on the basis of actual consumption available for FY15 to FY16 for metered categories and for LT4(a) on the basis of sample studies and for BJ/KJ based on 17 units per installation per month.

The observations of the Commission on sales forecast for the control period are as follows:

1. The Commission notes that GESCOM has considered only one-year data for estimating the sales. Therefore, it does not capture the trend in the category wise sales. Also, while forecasting for the future period, a minimum period of three to five years past data need to be considered. GESCOM, has also not indicated the category-wise working details of estimates made for the number of installations and the sales along with their growth rates. GESCOM shall furnish the same. In this context the growth rates for number of installations and sales indicated below, shall be considered as applicable while making the forecast:
 - i) The table indicating the growth rates for the number of installations is furnished as below:

	2010-11 to 2015- 16 CAGR	2012-13 to 2015- 16 CAGR	FY16 growth over FY15	Growth rate proposed by GESCOM
LT-2a	4.43	4.60	6.74	4.59
LT-2b	9.40	9.32	11.97	9.49
LT-3	5.35	5.48	7.03	5.50
LT-5	5.51	5.13	4.85	5.18
LT-6 WS	1.68	1.86	3.73	3.88
LT-6 SL	5.79	7.13	2.86	7.33
HT-1	13.26	13.11	6.96	13.48
HT-2 (a)	8.65	7.18	8.34	7.36
HT-2 (b)	8.55	9.12	16.20	8.89
HT-3(a)&	13.38	15.64	13.68	15.58
HT-4	-0.65	-13.90	-3.23	6.25

It is observed that growth rate considered for LT-6, HT-1, HT-3 and HT-4 categories is higher compared to normal growth rates indicated above. GESCOM may reconsider revising its estimates for these categories

- ii) The table indicating the growth rates for the energy sales is furnished as below:

Category	Percentage Growth Rates			
	2010-11 to 2015-16 CAGR	2012-13 to 2015-16 CAGR	FY16 growth over FY15	Growth rate proposed by GESCOM
LT-2a	9.20	9.97	15.82	7.94
LT-2b	11.64	11.10	21.11	7.31
LT-3	8.57	8.22	10.63	8.06
LT-5	0.69	0.66	1.27	1.19
LT-6 WS	13.03	13.25	22.88	9.97
LT-6 SL	6.39	14.73	3.64	7.88
HT-1	5.85	4.43	7.98	4.83
HT-2 (a)	2.47	1.62	-4.60	9.06
HT-2 (b)	8.79	9.90	12.98	8.64
HT-3(a)& (b)	2.88	0.11	-25.01	6.92
HT-4	-2.95	-6.57	1.50	1.53

It is observed that while the growth rate considered for LT-5, HT-2a, HT-3 and HT-4 categories is higher, it is lower for LT2a, LT2b and LT-3 categories compared to normal growth rates indicated above. GESCOM may reconsider revising its estimates for these categories.

2. To validate the sales, category wise information in the following format shall be furnished:

GESCOM Reply:

To validate the sales category wise is furnish in the required format is furnished below:

Table-8**i. No. of Installations**

Category	2014-15 Actuals		2015-16 Actuals		2016-17	
	As on 30th Nov 2014	As on 31st Mar 2015	As on 30th Nov 2015	As on 31st Mar 2016	As on 30th Nov 2016	As on 31st Mar 2017 (Estimate)
LT-2a	1375431	1390284	1461050	1483953	1526472	1551084
LT-2b	3249	3359	3657	3761	4029	4119
LT-3	210797	214254	225544	229324	238251	242000
LT-4 (b)	1130	1147	1763	1782	1941	2490
LT-4 (c)	254	264	316	336	378	445
LT-5	52826	53471	55367	56063	58580	59041
LT-6 WS	15210	15350	15846	15922	16521	16539
LT-6 SL	12103	12217	12426	12567	12836	13488
LT-7	17307	19254	19486	21043	19991	27442
HT-1	108	115	120	123	128	141
HT-2(a)	1165	1199	1250	1299	1366	1399
HT- 2(b)	280	284	298	330	339	360
HT-2(c)	70	74	93	104	123	118
HT-3(a) & (b)	210	234	244	266	304	308
HT-4	31	31	33	30	30	32
HT-5	25	27	28	29	26	31
Sub Total (Other than BJ/KJ & IP)	1690196	1711564	1797521	1826932	1881315	1919037
BJ/KJ	574731	576776	595256	596571	596848	607141
IP	302882	305670	328908	330873	336508	345792
Sub Total (BJ/KJ & IP)	877613	882446	924164	927444	933356	952933
Grand Total	2567809	2594010	2721685	2754376	2814671	2871970

Table-9**ii. Energy Sales:**

Category	2014-15 Actuals		2015-16 Actuals		2016-17	
	1st Apr 2014 to 30th Nov 2014 (Cumulative)	1st Dec 2014 to 31st Mar 2015 (Cumulative)	1st Apr 2015 to 30th Nov 2015 (Cumulative)	1st Dec 2015 to 31st Mar 2016 (Cumulative)	1st Apr 2016 to 30th Nov 2016 (Cumulative)	1st Dec 2016 to 31st Mar 2017 (Cumulative Estimate)
LT-2a	615.50	271.55	685.09	342.31	731.73	371.96
LT-2b	5.36	2.59	6.13	3.51	6.79	3.60
LT-3	170.97	77.51	180.53	94.36	191.16	106.11
LT-4 (b)	8.53	1.22	2.40	0.58	1.32	1.96
LT-4 (c)	0.73	0.46	0.85	0.43	0.76	0.63
LT-5	103.54	60.74	107.41	58.96	107.37	61.00
LT-6 WS	100.82	48.28	100.23	83.00	126.11	75.28
LT-6 SL	134.35	69.08	149.85	60.99	143.51	83.95
LT-7	9.88	5.35	11.75	5.70	11.46	7.74
HT-1	50.15	27.77	55.03	29.11	59.92	29.15
HT-2(a)	698.16	353.76	669.01	334.48	618.58	466.42
HT-2(b)	42.54	19.71	47.20	23.11	50.15	26.43
HT-2(c)	7.40	3.45	8.93	4.34	11.65	2.86
HT-3(a) & (b)	53.53	48.07	57.49	18.70	58.85	22.62
HT-4	8.72	3.96	8.62	4.26	9.04	4.03
HT-5	3.28	1.67	3.00	2.01	5.88	0.66
Sub Total (Other than BJ/KJ & IP)	2013.47	995.17	2093.54	1065.85	2134.27	1264.41
BJ/KJ	95.24	46.28	86.61	37.24	72.17	61.19
IP	1905.93	1075.62	2015.93	1208.62	1830.20	1514.53
Sub Total (BJ/KJ & IP)	2001.17	1121.90	2102.54	1245.86	1902.37	1575.72
Grand Total	4014.64	2117.07	4196.08	2311.71	4036.64	2840.13

III.RPO Compliance:

1. GESCO has furnished the details of RPO compliance of solar and non-solar RPO for FY-15 to FY18 at page 110 of the Petition. It is noted that the total power purchased indicated in this page for FY16 is 8244.385 MU, whereas the same is indicated as 8260.75 MU in A-1 format. Further, the figures indicated for FY15 are not consistent with the data approved by the Commission in its Tariff Order 2016[Pg.24] GESCO shall reconcile the figures. Further, it is noted that the write-up for Non-solar and solar RPO, is not consistent with the table at page -110.
2. For validating the RPO compliance for FY-16, GESCO shall furnish the data as per the format indicated below, duly reconciling the data with audited accounts:

GESCO Reply:

The RPO Compliance for FY -16 is furnished in the required format duly reconciling data with energy balance account.

a. Non-solar RPO:

Table-10

a.	Non Solar RPO for FY 2015-16		
Sl. No	Particular	Quantum in MU	Cost Rs. In Crs
1	Total power purchase quantum from all sources (Provisional)	8244.385	3291.270
2	Non- Solar Renewable energy purchased under PPA route at Generic tariff including purchase from KPCL	289.736	110.240
3	Non-Solar short -term purchase from RE sources, excluding sec-11 purchase	107.124	56.040
4	Non-Solar short -term purchase from RE sources under sec-11 purchase	164.086	86.460
5	Non-solar RE purchased under APPC	8.920	2.760
6	Non- solar RE purchase pertaining to green energy sold to consumer under green tariff		-
7	Non-solar RE purchased from other ESCOMs		-

8	Non- Solar RE sold to other ESCOMs		-
9	Non- Solar RE purchased from other sources		-
10	Total Non-Solar RE Energy purchased [No2+No3+No4+No5+No7+No9]	569.866	255.500
11	Non Solar RE accounted for the purpose of RPO [No10-No5-No6-No8]	560.946	252.740
12	Non- solar RPO complied in % [No11/No1]/100	6.804%	7.679%

b. Solar RPO:

Table-11

b	Solar RPO for FY 2015-16		
Sl. No	Particular	Quantum in MU	Cost Rs. In Crs
1	Total power purchase quantum from all sources (Provisional)	8244.385	3291.270
2	Solar energy purchased under PPA route at Generic tariff including solar energy purchased from KPCL	28.998	22.530
3	Solar energy purchased under Short term, excluding Sec-11 purchase	-	-
4	Solar Short term Purchase from RE Under Sec-11	-	-
5	Solar energy purchased under APPC	-	-
6	Soalr energy pertaining to green energy sold to consumers under green tariff	-	-
7	Solar energy purchased from other ESCOMs	-	-
8	Solar energy sold to other ESCOMs	-	-
9	Solar energy purchased from NTPC as bundled power	16.282	17.270
10	Solar energy purchased from any other sources like banked energy purchased at 85% of generic tariff	-	-
11	Total-Solar Energy purchased [No2+No3+No4+No5+No7+No9+No.10]	45.280	39.800
12	Solar energy accounted for the purpose of RPO [No11-No5-No6-No8]	45.280	39.800
13	Solar RPO complied in % [No 12/ No1]*100	0.549%	1.209%

1. GESCOM shall furnish the estimates for complying with solar and non-solar RPO for 2017-18, including any cost implication for purchasing RECs, if any. In this regard GESCOM shall furnish the following details pertaining to GESCOM duly tallying with the renewable energy purchase estimates made for FY18:

Source	Capacity under PPA in MW as on 30.11.2016	Anticipated MW capacity addition under PPA during the remaining period of FY17	Anticipated capacity addition under PPA during FY18
Wind			
Mini-hydel			
Co-generation			
Biomass			
Waste to Energy			
Solar			

GESCOM Reply:

Table-12

Source	Capacity under PPA in MW as on 30.11.2016	Anticipated MW capacity under PPA during the remaining period of FY17	Anticipated capacity addition under PPA during FY18
Wind	95.15	60	--
Mini-Hydel	75.04	--	--
Co-generation	57	--	--
Biomass	27.5	--	--
Waste of Energy	--	--	--
Solar	29	109	183

IV. Wheeling and Banking

1. GESCOM while computing wheeling charges at page 146 of the filing has indicated distribution network cost as Rs. 4978.90 Crores, whereas the same is indicated as Rs.1198.05 Crores. for FY18. GESCOM shall reconcile the figures.

GESCOM Reply:

For FY-18 the reconcile figure of Rs. 1198.05 Crores as distribution network is taken and computed wheeling charges and details of are noted below :

WHEELING CHARGES for FY-18:

- A. The modalities adopted by the Hon'ble Commission in the Tariff Order 2009, with the following assumption, are considered for determination of Wheeling Charges for GESCOM.
 - i. Allocation of distribution ARR between HT & LT in the ratio of 30:70.
 - ii. Reasonable loss compensation as per Energy Flow Diagram

Wheeling charges in Cash [Distribution charges]:

Table-13

1. Distribution ARR [Rs. In Cr.]	1198.05
2. Sales [in MUs]	7266.01
3. Wheeling Charges [Paise / unit] [1/2]	164.88
4. For HT [30% of 3 after rounding off to nearest paise]	49.47
5. For LT [70% of 3 after rounding off to nearest paise]	115.41

Wheeling charges in Kind [Loss compensation]:

Table-14

Loss Allocation	% Loss
HT	4.36
LT	6.32

B. The actual Wheeling Charges payable depending upon the point of injection & point of drawl as below : Paise /Unit

Table-15

Injection Point →	HT	LT
Drawl Point ↓		
HT	49.47 (4.36 %)	115.41 (10.68 %)
LT	115.41 (10.68 %)	49.47 (4.36 %)

Hon'ble Commission in the Tariff Order 2012 has prescribed the Wheeling charges in kind only 5% for the energy sourced from NCE units and used in the State as 5% and for wind & mini hydel additional banking charges of 2%.

This concessional rate is seriously affecting the distribution business of GESCOM as its system is utilized for Wheeling which carries higher technical loss level also.

Therefore, it is requested for maintenance of parity in Wheeling charges even for the energy sourced from NCE units and supplied within the State.

In case wheeling of energy [other than NCE] involves usage of Transmission network or network of more than one licensee, the charges shall be as indicated under:

- i. If only transmission network is used, transmission charges determined by the Commission shall be payable to the Transmission Licensee.
- ii. If Transmission network & ESCOMs' network are used, the Transmission Charges shall be payable to the Transmission Licensee and the Wheeling Charges of the ESCOM where the power is drawn is payable & such wheeling charges shall be shared equally among the ESCOMs whose networks are used.

2. GESCOM, for Renewable Sources, has requested the Commission to maintain parity in wheeling charges and not to allow banking during summer months. It is noted that the distribution ARR indicated at Page -147 does not tally with the figures indicated at page-120. GESCOM shall reconcile the same.

3. Further, at page 150 of the petition, GESCOM has prayed for the following on Open Access Transactions:
- a. The banking facility shall be allowed for a period of 3-months from the date of generation.
 - b. Withdrawal of banked power should not be allowed during peak and ToD hours.
 - c. If banked energy is not utilized within the period of three months from the date of power banked, it shall automatically lapse and no charges shall be paid.
 - d. Additional surcharge on OA consumers who draw power from utility even after opting for OA.

In view of the above prayer, GESCOM shall justify the above in terms of detailed financial impact analysis regarding banking and levying of additional surcharge.

GESCOM Reply:

The detailed financial impact analysis regarding banking and levying of additional surcharge will be submitted within a week.

v. Cross subsidy surcharge:

GESCOM shall clarify as to whether CSS is calculated as per the Tariff Policy 2006 or Tariff Policy 2016. Further, it is observed the calculations made by GESCOM is not correct and needs to be rectified. Also GESCOM has to indicate CSS for all HT-categories.

Further, GESCOM shall include in the prayer, prayer for approval of wheeling charges and cross subsidy surcharge and on RPO.

GESCOM Reply:

Cross subsidy surcharge has been calculated as per Tariff policy 2016 and furnished the details duly indicating CSS for all HT Categories.

Calculation of Cross – Subsidy surcharge for FY-17 payable by Open – Access consumers.

Table-16

Total Energy Input for FY-18 (as projected)MU	9056.54
Million Units (MU) at margin of 5%	452.98

Details of power Purchase at 5% margin (excluding liquid fuel project & renewables)			
Source	MUs	Cost (Rs. In Cr.)	Average per unit (Paise /Unit)
Vellur TPS Stage1&2&3	119.73	59.41	496.20
RTPS Thermal Unit II	149.76	67.30	449.39
Simhadri	183.49	81.48	444.08
Total	452.98	208.19	459.60

Details of surcharge at 66 KV & above level and 33 KV level (Paise/Unit)

Table-17

Particulars	66 KV and Above level	33 KV Level
Cost of power purchase / unit at margin	459.60	459.60
Transmission Loss % (as per KPTCL: filing) at 3.37%	15.49	
Cost at margining after accounting for Transmission Loss	475.09	
33 KV Loss % 1.75%		8.04
Cost at margining after accounting for 33 KV level		467.64
Transmission Charges per unit (as per KPTCL filing)		43.24
Average Wheeling charges at 33 KV level		53.18
Cost of Supply	479.09	481.58
Average Tariff of HT -2a consumers (Project for FY-18)	722.04	671.32
Cross Subsidy Surcharge	Furnished below	Furnished below

1) Cross subsidy Charges:

Table-18

Particulars	HT-1 Water Sup	HT- 2(a) Indust	HT-2b Commerci al	HT-2©	HT-4 Resid Apartts	HT-5 Temp
Average Realisation rate Paise / unit	540.99	722..04	866.70	376.91	615.82	1541.78
Cost of supply at 5% margin @ 66 kv and above level	479.09	479.09	479.09	479.09	479.09	479.09
Cross subsidy surcharge Paise / unit @ 66 kv & above level	61.90	242.95	387.61	-91.48	136.73	1062.69
Cost of supply at 5% margin @HT level	481.58	481.58	481.58	481.58	481.58	481.58
Cross subsidy surcharge Paise / unit @HT level	59.41	240.46	385.12	- 104.67	134.24	1060.20
80% of Cross subsidy at HT level	47.53	192.13	308.10	-83.74	107.39	875.67
80% of Cross subsidy at 66KV level	49.52	194.36	310.09	-73.18	109.40	850.15

GESCOM proposes the cross subsidy charges for FY-18 as noted below.

Particulars	HT-1 Water Supply	HT-2(a) Industries	HT-2b Commercia l	HT-2©	HT-4 Resid. Apart	HT-5 Temporar y
Cross subsidy at HT level	23.27	227.64	335.90	174.06	26.17	1094.59
Cross subsidy at 66KV level	150.95	355.32	463.58	301.74	153.85	1222.27

B. Energy Flow Diagram: GESCOM shall furnish energy flow diagrams for FY17.

GESCOM Reply:

Energy flow diagrams for FY17 of GESCOM is enclosed in Annexure-V

3. **Observations on projected IP Set consumption for FY18:**

APR 2016 :

As regards sales to IP-sets, the Commission notes that, the overall sales have increased by 85.18 MU (2.7%) as against the approved sales of 3,139.37 MU as per the Tariff Order dated 2nd March 2015 for FY16.

Further, the Commission had approved a specific consumption of IP-sets as 9,503 units / installation / annum for FY16. As per the consumption reported in format D2 of the filing by the GESCO, the specific consumption works out to 10,131 units / installation/annum for FY16. This indicates an increase of 628 units / installation/annum in specific consumption. However, the actual number of installations for FY16 has decreased by 8,008 numbers to the approved number of installations of 3,38,881. GESCO shall furnish the reasons for increase in IP-set specific consumption as well as total consumption despite decrease in the number of installations serviced when compared to the approved number of installations for FY16. Further, GESCO in its analysis of NJY scheme (*as stated in compliance of directives*) has stated that energy input to the feeders after implementation of NJY has decreased. In that case, it is not clear as to how the energy consumption for FY16 has increased over the consumption reported for FY15. GESCO shall clarify on this issue with its justification.

The Commission in its Tariff Order dated 2nd March, 2015 had directed GESCO to furnish feeder-wise IP-set consumption based on energy meter data to the Commission, every month in respect of agricultural feeders segregated under NJY. GESCO has not submitted in its application such data indicating the loss in 11 kV, distribution transformers & LT system that has been deducted from the gross consumption to arrive at the net consumption and the methodology adopted to arrive at the loss figures for FY 16.

GESCO shall also furnish necessary data as per the formats given in the subsequent para and justify its claims of IP Set-consumption for FY16.

ARR 2018:

The Commission in its Tariff Order dated 30th March 2016 had directed GESCO to furnish the consumption of IP sets based on the readings from the meters provided to 11 kV feeders at the Sub-stations duly deducting the 11 kV and LT distribution system losses (as per the formats prescribed by the Commission) instead of assessing the IP-set consumption based on the readings obtained from energy meters fixed to DTCs feeding predominantly IP-set loads. GESCO was also directed

	Subdiv -2 Subdiv -3 Subdiv								
October 2016	Subdiv -1 Subdiv -2 Subdiv -3 Subdiv								
Total									

As per format D2 of its Tariff application, GESCOM has projected a specific consumption of IP-sets for FY18 as 9,743 units/installation /annum. GESCOM is required to furnish the rationale for projecting IP set -consumption based on the higher specific consumption for FY18 whereas the approved specific consumption for FY16 was 9,503 units / installation / annum. GESCOM shall furnish the revised IP set consumption for FY18.

Further, GESCOM was directed to take up enumeration of IP-sets to identify defunct/dried up wells in the field & complete the same by October, 2016 and take further necessary action to arrive at correct number of IP-sets in its account on the basis of enumeration report. GESCOM has not complied with this direction. GESCOM shall furnish compliance on this in order to arrive at correct number of IP installations/consumption and for projecting correct number of installations/consumption for FY18 also.

GESCOM Reply:

The feeder wise IP Set Consumption now taken is not proper and energy reordered of segregated agricultural feeders is not reflecting actual usage. The reasons for not considering these figures are.

- i. The tagging of installation has been done but verification is going on for conformation of the installation tagged.
- ii. The IP set consumers who are connected to these segregated agricultural feeders some of consumers may be unauthorized hooking, by using cable wire to the NJ feeders (running nearby)

and utilizing energy to their IP Set resulting into not reflecting the actual IP Set usage and thus distribution loss in NJY feeders also showing more as these IP Set consumption unauthorized used is not showing in the calculation of distribution loss.

However the information in respect of agricultural feeders segregation under NJY is being furnished for month from (April to October-16) in the A to F format the details are submitted.

Feeder wise consumption of all the agricultural feeders segregated under NJY Scheme has been furnished in the prescribed format as per **Annexure- VI**