

A. Number of Consumers, connected load and Sales

FY 2015-16

1. Table 6: Category wise details of number of consumers under DF area are not provided. The same is to be submitted.

Gaya			Bhagalpur		
Sr. No	Category	FY 15-16	S.No.	Category	FY 15-16
1	KJY	28916	1	KJY (Rural)	37400
2	DSI	17501	2	KJY (Urban)	
3	DSII	79875	3	DS I	50525
4	DS III	4	4	DS II	71142
5	NDS I Commercial	960	5	DS III	12
6	NDS II Commercial	17165	6	NDS I (Commercial)	1565
7	NDS III Commercial	82	7	NDS II (Commercial)	12704
8	SS I	59	8	NDS I I(Commercial)	38
9	SS II	25	9	SS I	24
10	Irrigation and Agriculture I	3774	10	SS II	60
11	Irrigation and Agriculture II	15	11	Irrigation and Agriculture I	1940
12	PWW	38	12	Irrigation and Agriculture II	83
13	LTIS I	2011	13	PWW	99
14	LTIS II	65	14	LTIS I	3017
15	HTS I	72	15	LTIS II	71
16	HTS II	2	16	HTS I	51
17	TOTAL	150564	17	Total	178731

2. Table 7- Category wise details of connected load under DF area are not provided. The same is to be submitted.

FY. 2015-16

Sr. No	Category	GAYA (KW) As on 31.03.2016	Category	BHAGALPUR (KW) As on 31.03.2016
1	KJY	4915	KJY (Rural)	6358
2	DSI	17838	KJY (Urban)	
3	DSII	143165	DS I	53797
4	DS III	673	DS II	98669
5	NDS I Commercial	1044	DS III	132
6	NDS II Commercial	39358	NDS I (Commercial)	1710
7	NDS III Commercial	595	NDS II (Commercial)	31991
8	SS I	280	NDS I I(Commercial)	181
9	SS II	266	SS I	121
10	Irrigation and Agriculture I	10489	SS II	1034
11	Irrigation and Agriculture II	119	Irrigation and Agriculture I	3633

12	PWW	818	Irrigation and Agriculture II	1187
13	LTIS I	14611	PWW	592
14	LTIS II	3455	LTIS I	13699
15	HTS I	15562	LTIS II	2490
16	HTS II	2350	HTS I	12180
17	Total	255538	Total	227774

3. (a) Table 8: Category wise details of sales under DF area are not provided. The same is to be submitted.

The below table demonstrates the category wise sales:-

Sr. No	Category	GAYA (MU) As on 31.03.2016	Category	BHAGALPUR (MU) As on 31.03.2016
1	Non- Domestic-I	0.53	KJY (Rural)	15.07
2	Domestic -I	7.42	KJY (Urban)	
3	Irrigation and Agricultural-I	3.03	DS I	39.07
4	HTS-II	8.32	DS II	114.50
5	Non- Domestic-III	0.95	DS III	0.11
6	LT-Street Light-I	0.62	NDS I (Commercial)	1.02
7	Non- Domestic-II	44.46	NDS II (Commercial)	38.08
8	LT-Street Light-II	-	NDS I I(Commercial)	0.21
9	Domestic-III	3.24	SS I	0.30
10	LT-Industrial -I	22.61	SS II	8.53
11	LT-Public Waterworks	1.92	Irrigation and Agriculture I	4.17
12	Domestic-BPL	8.41	Irrigation and Agriculture II	2.74
13	Irrigation and Agricultural-II	0.28	PWW	1.71
14	HTS-I	32.72	LTIS I	13.50
15	Domestic-II	124.50	LTIS II	3.72
16	LT-Industrial -II	5.83	HTS I	27.66
17	Total	265	Total	270.39

- (b) Copy of the invoices (month wise) raised to DF is required.

Reply: -The copy of invoices (month wise) are attached as *Annexure-A* for the kind reference of the Commission.

4. The Connected load as per Table - 7 is 5616885 KW, whereas the same is shown as 5481947.13 KW in Format – I.

Reply:-It is agreed that there is a difference in the figures for number of consumers shown in Table-7 and Format-I. There were some formula error in IAS category which is now rectified and correct data is provided. Please consider the data provided in Format-I for the number of consumers. The updated table is as follows:

S. No.	Category	Actuals as on 31 st March,2016
1	KJY	62152
2	DSI	1,019,584
3	DSII	1,844,909
4	DS III	124
5	NDS I Commercial	31,091
6	NDS II Commercial	745,486
7	NDS III Commercial	873
8	SS I	2,574
9	SS II	2,795
10	Irrigation and Agriculture I	123,247
11	Irrigation and Agriculture II	21,964
12	PWW	16,959
13	LTIS I	113,766
14	LTIS II	176,160
15	HTS I	233440
16	HTS II	120876.6
17	HTS III	26550
18	HTSS	87739.2
19	RT	151,200
20	Total SBPDCL (Excluding DF)	4781490
21	DF	483,312
22	Total SBPDCL (Including DF)	5264802

5. Energy Sales is shown as 7084.50 MU (excluding UI of 114.71 MU) in Table -8, whereas the same is shown as 7086.78 MU in (excluding UI 114.71 MU) Table – 32 correct figures to be submitted.

Reply:-The figures in Table-8 and Table-32 are in sync with each other. There was a computational error in Table-8 due to which total was incorrectly written. The Commission may proceed with 7086.78 MU (excluding UI units) for their calculations.

6. For KutirJyoti category average connected load per consumer is working out to 613 Watt and the average consumption per consumer per month is working out to 31.63 units only. As per the norm the connected load of KutirJyoti should not be more than 100 W.
- i. When the connected load norm is violated, why the category is not changed into DS-I may be explained.

Reply: - The connected Load mentioned in the petition was inaccurate due to some computational error. The connected Load as on FY 2015-16 to be taken for further calculation is 62152032 W.The consumers for FY 2015-16 is 528381 therefore connected Load per consumer is 117.58.

The Data of Nov.16 is given below:-

Category	No. of Consumers	Connected load
KJ	716392	84122.319 KW

Hence, it is clear from the above data that average load of the KJ consumer is only 117 Watt. Further, REC Govt. of India has clarified that average connected load of BPL households i.e. KJ consumer will be 250 Watt. In light of REC norms of 250 Watt per connection of KJ may be allowed and average consumption of KJ consumers may also be increased from 30 units.

In this regard letter of MoPGovt of India is annexed as **Annexure-B**

- ii. It is construed that since most of the KJ connections are still unmetered, the consumption is assessed considering 30 Units only per month which was stipulated considering the connected load as 100 Watt. When the connected load is more than 100 Watt, the consumption per month should also be more than 30 Units. Considering the connected load at 638 Watt, Load Factor of 30%, the monthly consumption will be about 139 Units.
How many KutirJyoti connections are still unmetered and how the monthly consumption is being assessed may be explained.

Reply:-Consumption in KJ metered category has been booked on the basis of meter reading and as such in few cases consumption is coming beyond 30 units. However, in case of KJ consumer consumption is being booked at 30 unit only although average consumption in metered category is coming above 30 units. Further, in cases where consumption as per meter reading as coming above 30 unit billing is done for such higher unit @ DS-I or DS-II depending whether the KJ consumer in Rural and Urban areas.

FY 2016-17

7. (a)Table 34: There is huge projection of new connections in some of the categories including KJ, DS-I, DS-II in the table-34 during later half of the FY 2016-17. Whether such a large number of connections is realizable during later half of the FY 2016-17 may be clarified.

Reply-There is a huge projection in the categories like KJ, DS-I and DS-II. The reason for such huge projections is due to 24x7 power scheme issued by the central government wherein the primary objective is to provide power to all households of the state.

The 24x7 plan is mainly targeted for rural consumers in KJ and DS-I category and the growth rate projected under this category is above the normal CAGR growth as large number of new connections to be released in the ensuing years.

Also, a new scheme is introduced named as Chief Minister SAAT NISCHAI (Seven Resolution) in which the primary objective is to provide electricity to household and electrify 45 lakhs households in 2 years i.e. from November 2016 to November 2018. The survey was carried out for rural consumers and it was found that approx. 20 lakhs households in rural areas and 25 lakhs households in urban areas need to be

electrified in the span of 24 months. Therefore, the sales projected for Domestic category are projected beyond normal CAGR.

In addition to the schemes issues by the Central Government, Petitioner would like to mention that approx. 500 MW of transmission capacity is to be commissioned in the last quarter of FY 2016-17 by which it is expected that sales will increase in FY 2016-17 and FY 2017-18. In FY 2016-17, 100 MW of the transmission line shall be commissioned for NBPDCCL and 500 MW shall be commissioned by the end of FY 2017-18. Of 500 MW capacity 80% of the capacity is for NBPDCCL and 20% is for SBPDCL.

Therefore the projection of DS-II category is done beyond normal CAGR. It is to be ensured to the Commission that the Discoms shall abide by the schemes issued by the Central Government and is targeting to electrify the unelectrified households within a stipulated time.

Therefore, the Hon'ble Commission is requested to approve the projections done by the Petitioner as they are as per the notified schemes and plan of the Discoms in the near future.

(b) Upto date status of category-wise new connections as on 30.11.2016 under SBPDCL during FY 2016-17 is to be submitted.

Reply:-

The new connection category wise are provided as below:-

As on 30.11.2016

Category	Total no of new Consumers
KJ	188011
DS-I	108431
DS-II	41576
DS-III	0
IAS-I	3226
IAS-II	61
LTIS-I	105
LTIS-II	0
NDS-I	4935
NDS-II	7805
NDS-III	85
PWW	208
SS-I	27
SS-II	4
HTS-I	246
HTS-II	18
HTS-III	0
HTSS	0
RTS	0
Total	354738

(c) Category wise no of consumers as on 30.11.2016 under each DF area along with projection for full FY 2016-17 is to be provided.

Reply: -Category wise no of consumers as on 30.11.2016 under each DF area:-

BHAGALPUR	As on 30.11.2016	GAYA	As on 30.11.2016
KJY (Rural)	37156	KJY	38086
KJY (Urban)		DSI	19895
DS I	54691	DSII	83100
DS II	75035	DS III	5
DS III	14	NDS I Commercial	1112
NDS I (Commercial)	1708	NDS II Commercial	17981
NDS II (Commercial)	13649	NDS III Commercial	88
NDS II (Commercial)	52	SS I	137
SS I	27	SS II	1
SS II	57	Irrigation and Agriculture I	4287
Irrigation and Agriculture I	2056	Irrigation and Agriculture II	19
Irrigation and Agriculture II	86	PWW	88
PWW	102	LTIS I	2057
LTIS I	3096	LTIS II	66
LTIS II	55	HTS I	75
HTS I	53	HTS II	2
Total	187837	Total	166999

8. Table 35: sales for SS-II category are shown as 0.49 MU as on 30.09.2016 in Annexure-IX, whereas the same is projected as 13.04 MU for entire FY 2016-17.

Reply-The projections of consumers, sales and Load have been done, taken into consideration CAGR's, schemes to be implemented, ongoing projects etc. It cannot be inferred that if sales in first half is less then, the sales for entire year will be in that ratio. Therefore, it is pertinent to mention that the projections done by the Discoms are on scientific basis and the Hon'ble Commission is requested to accept the same.

(a) Category wise sales figure (actual) as on 30.11.2016 of SBPDCL area to be provided
Method adopted for projecting sales in 2nd half of FY 2016-17 is to be provided.

Reply:-The below table represents the actual category wise sales upto 30.0.2016 in FY 2016-17. For projecting the sales for FY 2016-17, actual sales upto Sep'16 was taken and for remaining months of the financial year CAGR method is adopted.

Category wise sales excluding DF as on 30.11.2016:-

Category	In unit
KJ	240094134
DS-I	1486883343
DS-II	1154886433
DS-III	50001
IAS-I	71282589
IAS-II	38682812
LTIS-I	97041952
LTIS-II	59491054
NDS-I	21182196
NDS-II	447278636
NDS-III	719698
PWW	31894905
SS-I	1249717
SS-II	934215
Total	3551671685(kwh)
HTS-I	323766659 (KVAh)
HTS-II	170159979 (KVAh)
HTS-III	87222028 (KVAh)
HTSS	425028994 (KVAh)
RTS	812020741 (KVAh)
Total	1818198401(KVAh)

(b) Category wise sales figure as on 30.11.2016 and projection for FY 2016-17 of each DF area separately are to be provided. Method adopted for projecting sales in 2nd half of FY 2016-17 is to be provided.

Reply:-Category wise sales figure as on 30.11.2016 of each DF area.

As on 30.11.2016 (From April'16 to Nov.'16)

Bhagalpur	In MU	Gaya	In MU
KJY (Rural)	13.08	KJY	7.31
KJY (Urban)		DSI	5.72
DS I	32.84	DSII	108.29
DS II	91.05	DS III	0.55
DS III	0.10	NDS I Commercial	0.52
NDS I (Commercial)	0.93	NDS II Commercial	36.7
NDS II (Commercial)	27.74	NDS III Commercial	0.6
NDS I I(Commercial)	0.16	SS I	2.29
SS I	0.32	SS II	0.26

Bhagalpur	In MU	Gaya	In MU
SS II	5.20	Irrigation and Agriculture I	14.68
Irrigation and Agriculture I	3.12	Irrigation and Agriculture II	3.99
Irrigation and Agriculture II	2.02	PWW	1.93
PWW	0.99	LTIS I	1.49
LTIS I	9.72	LTIS II	0
LTIS II	2.94	HTS I	24.32
HTS I	20.20	HTS II	6.26
Total	210.39	Total	214.91

9. (a) Category-wise connected load Table not provided in the Petition. In the Format-I also, connected load for KutirJyoti is shown as 'Zero'. For DF also connected load is shown as 'Zero'.

Reply:-The Hon'ble Commission may refer to the below table for Connected Load as on 31.03.2017(Projected):-

S. No.	Category	Projected connected Load as on 31.03.2017
1	KJY	87624.28
2	DSI	1729129.38
3	DSII	2324585.74
4	DS III	124.00
5	NDS I Commercial	45805.71
6	NDS II Commercial	856769.66
7	NDS III Commercial	979.87
8	NDS IV Commercial	18.00
9	SS I	3243.24
10	SS II	2975.87
11	Irrigation and Agriculture I	107998.93
12	Irrigation and Agriculture II	22506.46
13	PWW	21032.24
14	LTIS I	123437.13
15	LTIS II	253697.13
16	HTS I	291800.81
17	HTS II	151095.76
18	HTS III	30392.16
19	HTSS	96513.12
20	RT	151200.00
21	Total	6300929.5
	DF	531643.2
	Grand Total	6832572.70

(b) Updated status of category wise connected load as on 30.11.2016 of SBPDCL to be submitted.

Reply: - Connected load as on 30.11.2016 of SBPDCL

Category	Connected Load in KW
KJ	84122.319
DS-I	1138706.75
DS-II	1,961964
DS-III	37
IAS-I	124668.535
IAS-II	21229
LTIS-I	119187
LTIS-II	94775
NDS-I	36541.59
NDS-II	778315
NDS-III	1281
PWW	20941
SS-I	1309
SS-II	9564.878
Total	4399871 kW
HTS-I	243560 (KVA)
HTS-II	174331 (KVA)
HTS-III	36500 (KVA)
HTSS	113940 (KVA)
RTS	170200 (KVA)
Total	738531 (KVA)

(c) Category wise connected load as on 30.11.2016 along with projection for full FY 2016-17 pertaining to each DF area separately to be submitted.

Reply:-

Actual as on 30.11.2016:-

Category	GAYA	Category	BHAGALPUR
KJY	38064	Domestic -I	20,341
DSI	20341	Domestic-BPL	38,064
DSII	146730	Domestic-II	1,46,732
DS III	680	Domestic-III	550
NDS I Commercial	1206	HTS-I	13,640
NDS II Commercial	40926	HTS-II	2,115
NDS III Commercial	619	Irrigation and Agricultural-I	8,655
SS I	398	Irrigation and Agricultural-II	92
SS II	5	LT-Industrial -I	11,111
Irrigation and	11599	LT-Industrial -II	2,626

Category	GAYA	Category	BHAGALPUR
Agriculture I			
Irrigation and Agriculture II	123	LT-Public Waterworks	710
PWW	952	LT-Street Light-I	415
LTIS I	14889	LT-Street Light-II	5
LTIS II	3507	Non- Domestic-I	1,206
HTS I	14885	Non- Domestic-II	40,953
HTS II	2350	Non- Domestic-III	619
TOTAL	297274	Total	2,87,834

(d) Information on Connected load, billed units, and revenue billed for period up to 30.09.2016 and projection for FY 2016-17 is required. The same may please be furnished.

Reply:-The data for period upto 30.09.2016 is provided to the Commission as Annexure-XII in the additional formats. Also the projections are provided in the petition for FY 2016-17.

(e) Information on Connected load, billed units, and revenue billed for period up to 30.09.2016 and projection for FY 2016-17 pertaining to each DF area is separately required. The same may please be furnished.

Reply:-Connected load and billed unit already has been provided in the reply of 8 (b) and 9 (C).

As on 30.09.2016 (Revenue billed of DF Area)

Category	Gaya (Assessment)	Category	BHAGALPUR (Assessment)
KJY	2247153	KJY (Rural)	40,271,558
DSI	2553134	KJY (Urban)	-
DSII	48400185	DS I	98,686,974
DS III	365847	DS II	492,777,296
NDS I Commercial	201075	DS III	559,184
NDS II Commercial	33810029	NDS I (Commercial)	3,185,582
NDS III Commercial	407433	NDS II (Commercial)	239,913,736
SS I	769839	NDS I I(Commercial)	966,336
SS II	965280	SS I	3,759,233

Category	Gaya (Assessment)	Category	BHAGALPUR (Assessment)
Irrigation and Agriculture I	1236361	SS II	56,297,883
Irrigation and Agriculture II	181789	Irrigation and Agriculture I	4,849,636
PWW	1407380	Irrigation and Agriculture II	13,949,554
LTIS I	11912121	PWW	11,035,586
LTIS II	3134823	LTIS I	85,215,851
HTS I	16175597	LTIS II	23,800,374
HTS II	3810123	HTS I	139,610,128
Total	127578170	Total	1,214,878,913

10. Number of SS - I & SS - II (Street Light) consumers at the end of 30.09.2016 are shown as 82 and 23 (In Annexure – IX) whereas the same are shown as 193 and 234 at the end of FY 2015-16 correct figures may be provided.

Reply: - At Present no. of consumers of SS-I & SS-II

Category	Total no of Effective Consumers
SS-I	220
SS-II	262

Therefore, it is requested to the Hon'ble Commission to consider the data provided in the above table.

In Annexure – IX the details of RTs as on 30.09.2016 are kept blank.

Reply:-RT consumer as on 30.11.2016 --15 no.

11. Para 4.3.8:

- i. The CAGR adopted for each category and the base year on which CAGR is applied to obtain the number of consumers projected for FY 2016-17 may be provided.

Category	CAGR Adopted	Base year	Reason
Domestic			
KJ	26.16%	2015-16	1 Year CAGR
DS-I	22.16%	2015-16	% variation

Category	CAGR Adopted	Base year	Reason
DS-II	20.00%	2015-16	As the CAGR is providing us with exaggerating figures, therefore nominal growth rate has been assumed in this category
DS-III	0.00%	2015-16	As the CAGR is providing us with exaggerating figures, therefore nominal growth rate has been assumed in this category
Non-Domestic			
NDS-I	10.00%	2015-16	As the CAGR is providing us with exaggerating figures, therefore nominal growth rate has been assumed in this category
NDS-II	4.48%	2015-16	3 Yr CAGR
NDS-III	6.86%	2015-16	3 Yr CAGR
NDS-IV	0.00%	2015-16	As the CAGR is providing us with exaggerating figures, therefore nominal growth rate has been assumed in this category
Street Light			
SS-I	5.00%	2015-16	As the CAGR is providing us with exaggerating figures, therefore nominal growth rate has been assumed in this category
SS-II	6.47%	2015-16	3 Yr CAGR
Agriculture			
IAS-I	0.00%	2015-16	As the CAGR is providing us with exaggerating figures, therefore nominal growth rate has been assumed in this category
IAS-II	9.97%	2015-16	2 year CAGR
Public Water Works			
PWW	12.74%	2015-16	3 Yr CAGR
LT			
LT-I	2.07%	2015-16	3 Yr CAGR
LT-II	20.01%	2015-16	3 Yr CAGR
HT			
HT-I	25.00%	2015-16	As the CAGR is providing us with exaggerating figures, therefore nominal growth rate has been assumed in this category
HT-II	25.00%	2015-16	As the CAGR is providing us with exaggerating figures, therefore nominal growth rate has been assumed in this category
HT-III	14.47%	2015-16	3 year CAGR
HTSS	10.00%	2015-16	As the CAGR is providing us with exaggerating figures, therefore nominal growth rate has been assumed in this category
Others			
RT	0.00%	2015-16	No growth rate assumed
DF	10.00%	2015-16	As the CAGR is providing us with exaggerating figures, therefore nominal growth rate has been assumed in this category

- ii. The category-wise average load per consumer considered for projecting connected load and the year for which it pertains may be provided.

Category	Base year	Avg. load per consumer assumed for 2016-17
Domestic		
KJ	2015-16	0.61
DS-I	2015-16	1.01
DS-II	2015-16	2.00
DS-III	2015-16	3.10
Non-Domestic		
NDS-I	2015-16	1.47
NDS-II	2015-16	4.26
NDS-III	2015-16	4.47
NDS-IV	2015-16	2.00
Street Light		
SS-I	2015-16	16.00
SS-II	2015-16	10.20
Agriculture		
IAS-I	2015-16	1.75
IAS-II	2015-16	11.64
Public Water Works		
PWW	2015-16	20.73
LT		
LT-I	2015-16	9.20
LT-II	2015-16	100.90
HT		
HT-I	2015-16	244.44
HT-II	2015-16	1510.96
HT-III	2015-16	8850.00
HTSS	2015-16	6267.09
Others		
RT	2015-16	10080

- iii. The category-wise average consumption per consumer per day considered for projecting sales and the year for which it pertains may be provided.

Category	Base year	Avg. Consumption/consumer/day assumed for 2016-17
Domestic		
KJ	2015-16	1.00

Category	Base year	Avg. Consumption/consumer/day assumed for 2016-17
DS-I	2015-16	1.92
DS-II	2015-16	4.81
DS-III	2015-16	18.49
Non-Domestic		
NDS-I	2015-16	2.06
NDS-II	2015-16	10.41
NDS-III	2015-16	17.17
NDS-IV	2015-16	
Street Light		
SS-I	2015-16	108.60
SS-II	2015-16	122.49
Agriculture		
IAS-I(on 'load basis)	2015-16	1485.00
IAS-II(on 'load basis)	2015-16	3541.33
Public Water Works		
PWW	2015-16	138.87
LT		
LT-I	2015-16	25.60
LT-II	2015-16	156.67
HT(on 'load basis)		
HT-I	2015-16	1,923
HT-II	2015-16	2,096
HT-III	2015-16	4,448
HTSS	2015-16	6,359
Others		
RT	2015-16	4219.35

FY 2017-18

12. Table 66: Category wise projected number of consumers under each DF area to be furnished for FY 2017-18.

Reply: -Category wise projected number of consumers under each DF area for FY 2017-18:-

Gaya			Bhagalpur		
Sr. No	Category	FY 17-18	S.No.	Category	FY 17-18
1	KJY	34988	1	KJY (Rural)	41289
2	DSI	21176	2	KJY (Urban)	0
3	DSII	96649	3	DS I	55779

4	DS III	5	4	DS II	78540
5	NDS I Commercial	1162	5	DS III	13
6	NDS II Commercial	20770	6	NDS I (Commercial)	1728
7	NDS III Commercial	99	7	NDS II (Commercial)	14025
8	SS I	71	8	NDS I (Commercial)	42
9	SS II	30	9	SS I	26
10	Irrigation and Agriculture I	4567	10	SS II	66
11	Irrigation and Agriculture II	18	11	Irrigation and Agriculture I	2142
12	PWW	46	12	Irrigation and Agriculture II	92
13	LTIS I	2433	13	PWW	109
14	LTIS II	79	14	LTIS I	3331
15	HTS I	87	15	LTIS II	78
16	HTS II	2	16	HTS I	56
17	TOTAL	182182	17	Total	197318

13. (a) Table 67: Category wise projected sales for FY 2017-18 under each DF area to be furnished.

Reply: -Category wise projected sales for FY 2017-18 under each DF area:-

Sr. No	Category	GAYA (MU) As on 31.03.2018	Category	BHAGALPUR (MU) As on 31.03.2018
1	Non-Domestic-I	0.78	KJY (Rural)	21.23
2	Domestic -I	10.89	KJY (Urban)	0.00
3	Irrigation and Agricultural-I	4.44	DS I	55.05
4	HTS-II	12.21	DS II	161.32
5	Non-Domestic-III	1.39	DS III	0.15

Sr. No	Category	GAYA (MU) As on 31.03.2018	Category	BHAGALPUR (MU) As on 31.03.2018
6	LT-Street Light-I	0.91	NDS I (Commercial)	1.44
7	Non-Domestic-II	65.22	NDS II (Commercial)	53.65
8	LT-Street Light-II		NDS I I(Commercial)	0.30
9	Domestic-III	4.75	SS I	0.42
10	LT-Industrial -I	33.17	SS II	12.02
11	LT-Public Waterworks	2.82	Irrigation and Agriculture I	5.88
12	Domestic-BPL	12.34	Irrigation and Agriculture II	3.86
13	Irrigation and Agricultural-II	0.41	PWW	2.41
14	HTS-I	48.00	LTIS I	19.02
15	Domestic-II	182.64	LTIS II	5.24
16	LT-Industrial -II	8.55	HTS I	38.97
17	Total	388.75	Total	380.95

(b) The sales projection in table-67 is depicted as per existing tariff category the same as per proposed restructured tariff category also may be provided.

Reply:-The Commission may refer the soft copy of Format 30-B wherein in hidden cells the sales figures for present category are shown. The same is tallied with the figures of restructured categories.

14. Table 68: Category wise projected connected load for FY 2017-18 pertaining to each DF area to be separately furnished.

Sr. No	Category	GAYA (KW) As on 31.03.2016	Category	BHAGALPUR (KW) As on 31.03.2016
1	KJY	5947.15	KJY (Rural)	7266.59
2	DSI	21583.98	KJY (Urban)	0.00
3	DSII	173229.64	DS I	61484.90

4	DS III	814.33	DS II	112769.36
5	NDS I Commercial	1263.24	DS III	150.86
6	NDS II Commercial	47623.18	NDS I (Commercial)	1954.37
7	NDS III Commercial	719.95	NDS II (Commercial)	36562.70
8	SS I	338.80	NDS I I(Commercial)	206.87
9	SS II	321.86	SS I	138.29
10	Irrigation and Agriculture I	12691.69	SS II	1181.76
11	Irrigation and Agriculture II	143.99	Irrigation and Agriculture I	4152.18
12	PWW	989.78	Irrigation and Agriculture II	1356.63
13	LTIS I	17679.31	PWW	676.60
14	LTIS II	4180.55	LTIS I	15656.67
15	HTS I	18830.02	LTIS II	2845.84
16	HTS II	2843.50	HTS I	13920.59
17	Total	309200.97	Total	260324.20

As on 31.03.2018

15. Tariff petitions for NBPDC and SBPDCL indicate increase of about 15 lakhs and 17 lakh consumers respectively in FY 2017-18 as compared to projected target for FY 2016-17. The increase is said to be mainly in the KJY and DS-I categories and projected at higher rate of CAGR keeping in view “24x7 power for all” targets and 'Mukhyamantri Gramin Vidyutikaran Yojana'. In order to justify the accelerated target for FY 2017-18, the Discoms are requested to submit :-

(a) Augmentation of transmission lines especially progress of construction of 100 and 500MW transmission lines as stipulated to be completed by February, 2017 and April 2017 respectively.

Reply: - Augmentation of transmission lines especially progress of construction of 100 and 500MW transmission lines are the part of initiatives under 24*7 plan of Govt. of India. Regularly status of Progress of construction of 100 and 500MW transmission lines and other status is being updated on the portal “<http://powerforall.co.in/GuestHome.aspx?QRYT=22275685541580>” of ministry of power Govt. of India.

As per schedule as stipulated in the project, it is to be completed by April 2017. However present status is regularly updated on the aforesaid portal which may be seen any time.

Copy of report dated 21.01.2017 & the updated status of state plan of Transmission line is attached hereto and marked as **Annexure-C**

- (b) Status of finalization of engaging contractors for giving free electricity connections to new consumers.

Reply-Three circles namely Nalanda, Sasaram and Bhagalpur have been finalized and remaining four circles namely Patna, Ara, Gaya and Munger have been re-tendered for which last submission date is 03.02.2017.

- (c) Availability of resources to achieve the target of free connections to new consumers.

Reply-In this scheme, service connections will be provided to APL rural house hold. The connection charge will be recovered from the consumers on the installment basis. This work is being carried out through State Plan.

16. The connected load in Table – 68 is shown as 9261933.54 KW, whereas the same is shown as 9315577.2 KW in Format – 1. Also connected load of DF is not shown in Table-68 and shown as zero in Format – 1 correct figures may be provided.

Reply:-There was an error in the Load of DS-I category in the petition, though figures in Format-I are correct. Therefore the below table can be considered by the Commission for their computation.

Table 1: Category-wise connected load projected for FY 2017-18

Category	Connected load for FY 2017-18 (in kW)
KJ	137954.60
DS-I	2735830.21
DS-II	2789502.89
DS-III	124.00
Total	5663411.70
NDS-I	52905.59
NDS-II	984665.48
NDS-III	1099.44
NDS-IV	18.90
Total	1038689.41
SS-I	4086.48
SS-II	3168.51
Total	7255.00

Category	Connected load for FY 2017-18 (in kW)
IAS-I	402625.64
IAS-II	23490.43
Total	426116.07
PWW	26083.90
Total	26083.90
LT-I	133930.39
LT-II	365362.48
Total	499292.87
HT-I	345551.21
HT-II	155438.20
HT-III	33695.12
HTSS	96622.36
Total	631306.90
RT	151200.00
DF	584807.5
Total	736007.5
Grand total	9028163.35

B. Distribution Losses

FY 2015-16

17. Table 9: The table shows Distribution loss figure as 48.52% for FY 2015-16, whereas the said loss figure has been indicated as 43.92% in the Audited account and annexed Format 2 of the tariff petition. The reason of said difference in the figures of losses may be clarified.

Reply:-The distribution loss in the audited accounts is calculated after taking input units of Distribution Franchisee into consideration. In the petition the Distribution loss has been computed by considering the category wise sales of DF area, that's why the difference in distribution loss is observed in petition and audited accounts. Therefore the loss computed in the petition should be considered by the Commission.

FY 2016-17

18. Para 4.4.6: Actual distribution loss year wise from FY 2005-06 to FY 2015-16 vis-a vis approved losses by the Commission are to be provided.

Reply- The details of distribution losses is furnished as below:-

BSEB Period-

Year For BSEB	Loss (%) Approved By BERC in Tariff Order	Actual Loss (%) as per annual audited accounts-
FY 2006-07	41.4	42.61
FY 2007-08	38	39.06
FY 2008-09	37.98	37.98
FY 2009-10	35	38.32
FY 2010-11	32	43.59
FY 2011-12	29	44.05
FY 2012-13	27.5	43.12
Year For SBPDCL	Loss (%) Approved By BERC in Tariff Order	Actual Loss (%) as per annual audited accounts-
FY 2012-13	27.50	47.83
FY 2013-14	23.00	47.69
FY 2014-15	21.40	45.07
FY 2015-16	20.00	43.92
Projected for the control period		
FY 2016-17	-	34.00
FY 2017-18	-	30.00
FY 2018-19	-	22.00

(b) Also actual distribution loss for first half of FY 2016-17 to be submitted.

Distribution Loss Report Q2 for FY 2016-17 (July'16 to Sept'16)			
		<i>Unaudited & Provisional</i>	
Sl.	Parameters	Unit	Quarterly

			Current Quarter (July'16-Sept'16)
A	Energy Input	MU	3538.72
B	Energy Billed	MU	2024.19
C	Billing Efficiency (B/A*100)	%	57.20%
D	Distribution Loss	%	42.80%

FY 2017-18

19. The Discoms in their 2017-18 tariff petitions have proposed the Distribution Loss trajectory as stipulated in MoU signed under UDAY scheme. It is stated that the DISCOM is making all efforts to reduce the Distribution Loss by separation of feeders, spot billing and introducing other IT initiatives, etc. In this respect the following need to be submitted by the Discoms :-

- (a) List of concrete steps taken over the years to reduce the distribution losses including but not limited to steps taken to curb the theft/pilferage of electricity, number of cases filed, action taken against the officers/staff in achieving the distribution loss in their respective areas, cases filed to recover the electricity dues and efforts taken to recover electricity dues from the govt. /semi govt. offices.

Reply:-

As per MoU signed under UDAY scheme, SBPDCL shall take various measures for loss reduction. Some of the measures to be taken by the Discom are as below:-

- Name and same campaign to control power theft from time to time;
- Preparing loss reduction targets at subdivision/division/circle/Area level and making concerned officers responsible for achieving the loss reduction targets.
- Implementing performance monitoring and management system ,MIS for tracking the meter replacement, loss reduction and day to day progress for reporting to top management;
- Achieve 100% Distribution Transformer (DT) metering by 30th June 2017;
- Energy audit up-to 11KV level in rural areas by 31st March 2018;
- Feeder Improvement program for network strengthening and optimization, to be completed by Dec, 2017;
- Physical Feeder Segregation by March 2018 based on availability of funds sanctioned for the purpose under relevant schemes;
- Install Smart Meters for all consumers other than agricultural consumers consuming above 500 units/month by 31st December 2017 and consumers consuming above 200 units/month by 31st December 2019;
- Provide electricity access to 59 lacs nos. of unconnected households as per trajectory finalized in the 24x7 Power for All document by FY 2019;
- Implement ERP systems for better and effective inventory management, personnel management, accounts management etc to reduce costs and increase efficiencies. 35 towns of R-APDRP under Part-'A' to be completed by June '16 and ERP in all areas of the DISCOM to be completed by March '18.

In the compliance of directives following information were submitted:-

- (i) Action against theft of electricity :-

SBPDCL presents the below data for FY 15-16 for pilferage of electricity and the collection of revenue from such assessment:-

Sl.	Name of the Circle	Total No.of cases on consumers related to theft of electricity	Total assessment (Rs. In lakhs) on the consumers	Total amount (Rs. In lakhs) recovered against the assessment
1	PESU (EAST)	375	88.12	61.11
2	PESU (WEST)	198	86.43	44.75
3	PATNA CIRCLE	821	275.53	128.90
4	ARA CIRCLE	1101	163.28	89.03
5	NALANDA CIRCLE	1065	165.17	100.79
6	GAYA CIRCLE	896	294.62	77.98
7	SASARAM CIRCLE	1061	351.60	144.70
8	BHAGALPUR CIRCLE	446	103.53	71.69
9	MUNGER CIRCLE	498	141.78	80.01
	Total	6,461	1,670	799
10	DF Gaya	547	180.55	93.50
11	DF Bhagalpur	1,248	629.54	212.13

Also, SBPDCL shall submit the quarterly report to the Hon'ble Commission by the end of the succeeding month of the quarter regarding pilferage of electricity.

- (ii) Action against officers/staffs for non-performance in achieving the distribution loss in their respective areas has also been taken time to time during review in Revenue meetings.
- (iii) Certificate cases are being filed regularly to recover the electricity dues. Till July'2016 10732 Certificate cases were lodged under SBPDCL.
- (iv) Several efforts have been taken to recover the electricity dues from Govt./semi Govt. Depts.
- (b) Progress of the much talked about Feeder Separation Scheme and its likely date of completion.

LOA for above work has been awarded to the respective turn-key contractor in January 2017 and the scheduled completion period of the work is 04.12.2019.

- (c) Progress of the metering and efficiency of bringing them into billing cycle etc.

Reply: - As already replied in compliance of directives status of metering is as below:-

SBPDCL has achieved 100% metering for HT, LTIS – I & II, and DS – III consumers. Under RAPDRP scheme all 71 towns have been provided with 100% consumer metering.

In case of other categories of consumers, in compliance to the directive of the Commission, all efforts are being made for cent percent metering.

The below table exhibits the status of metered consumers for SBPDCL:-

Category	No of consumers	Metered	Unmetered	% metered
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Category	No of consumers	Metered	Unmetered	% metered
KJY	572792	544547	28245	95.07
DS I	1070872	1015111	55761	94.79
DS II	984263	972327	11936	98.79
DS III	12	12	0	100.00
NDS I Commercial	30713	27199	3514	88.56
NDS II Commercial	191347	191065	282	99.85
NDS III Commercial	253	252	1	99.60
SS I	204	204	0	100.00
SS II	244	117	127	47.95
IAS I	63621	50085	13536	78.72
IAS II	2140	1172	968	54.77
PWW	976	976	0	100.00
LTIS I	12730	12730	0	100.00
LTIS II	1120	1120	0	100.00
HTS I	1192	1192	0	100.00
HTS II	91	91	0	100.00
HTS III	03	03	0	100.00
HTS IV	0	0	0	0.00
HTSS	14	14	0	100.00
RTS	15	15	0	100.00
Total (SBPDCL)	2932602	2818232	114370	96.10
DF	335970	296983	38987	88.40

Discom is taking adequate measures for 100% metering.

Also, as per scope for implementation of UDAY Scheme by SBPDCL, the target of achievement of 100% consumer metering is March'2018. Accordingly, in this regard.

All the installation of meters are being taken into billing cycle on priority.

C. State and Central Transmission losses

FY 2015-16

20. Para 3.4.1: The figure of State Transmission loss mentioned in the para (4.86%) is different from one mentioned in Annexure-X of the Petition (4.89%) and Audited account of Transmission licensee (4.89%). The correct figure may be submitted.

Reply: - The difference in both the loss figures is due to variance in the methodology for computation. It has been identified that Discom has calculated Transmission loss taking UI units into consideration, while Transmission Company has excluded UI sales.

21. Para 3.4.2: The figure of Central Transmission loss mentioned in the para (2.29%) is in variance with the one mentioned in Annexure-X (2.41%) of the petition. The correct figure may be submitted.

Reply: - The difference in both the loss figures is due to variance in the methodology for computation. It has been identified that Discom has calculated Transmission loss taking UI units into consideration, while Transmission Company has excluded UI sales.

D. Power Purchase quantum and cost, with Transmission charges

FY 2015-16

22. The average power purchase cost (Rs./KWh) shown in the table 15 of the petition for Dadri 1, 2, KBUINL, Rangit and BSPHC are respectively 4.77, 5.68, 3.91 and 2.49 whereas the average power purchase cost for the same station and same period has been claimed to be 4.31, 7.19, 4.47 and 4.09 by SBPDCL in its Tariff petition. The reason for huge difference in average power purchase cost may be justified.

Reply-The data in the petition for FY 2015-16 is as per the accounts wherein the per unit cost is calculated taking into consideration the revision bills of past years too.

As replied in para 23 (a) in the table, it is clearly shown that The average power purchase cost (Rs./KWh) for Dadri 1, 2, KBUINL, Rangit and BSPHC are respectively Rs. 4.78, Rs. 5.66, Rs. 3.88 and Rs. 2.49. So, Hon'ble Commission may refer this data.

23. (a) Table 13: Month wise, Plant wise & unit wise details of Power purchase cost, separately showing Fixed charges, Energy charges, and Other charges in the format as given for FY 2016-17 and FY 2017-18 along with copy of invoices may be furnished.

Reply: -The power purchase cost in the requested format by the commission is provided in the table below:-

S. no		Share allocation (MW)	Energy(MU)	Fixed Charge rate (Rs/kWh)	Fixed charge (Rs. Cr.)	Energy Rate (Rs./kWh)	Energy charge Rs. Cr.	Other charges (pl. specify) Rs. cr.	Total Charges Rs. Cr.	Avg. Tariff Rate Rs./kWh
1	Central Sector Stations	1810.20	9844.77	1.11	1095.71	2.39	2360.13	25.01	3478.97	3.53
2	Talchar – I (2 x 500 MW)	241.57	1779.43	0.75	132.99	1.34	238.58	8.90	380.46	2.14
3	Farakka – I & II (1600 MW)	295.10	1870.08	0.84	156.64	2.66	498.18	3.75	658.57	3.52
4	Farakka – III (500 MW)	105.91	592.84	1.66	98.50	2.65	157.28	-1.30	254.48	4.29
5	Kahalgaon – I (840 MW)	205.84	1431.80	0.89	127.82	2.28	326.05	1.29	455.16	3.18
6	Kahalgaon – II (1500 MW)	43.33	333.27	1.01	34.44	2.10	72.06	3.38	109.88	3.21
7	Dadri – I	104.40	279.36	0.93	25.87	3.86	107.88	-0.33	133.41	4.78
8	Teesta V HEP	62.89	288.57	1.43	41.32	1.13	32.62	1.63	75.57	2.62
9	Rangit – HEP	12.18	61.01	2.07	12.64	1.71	10.41	0.60	23.65	3.88
10	Chukka HEP	46.40	317.83	0.00	0.00	1.84	58.48	0.00	58.48	1.84
11	Tala HEP	150.86	501.59	0.00	0.00	2.02	101.32	0.00	101.32	2.02
12	Korba 3	43.50	183.84	1.42	26.10	1.06	19.43	4.65	50.17	2.73
13	Arun –III	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Punatsangchhu&Mangdechhu, HEP,	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Barh Stage-I (3 X 660 MW)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Barh Stage-II (2 X 660 MW)	498.22	2205.15	1.99	439.38	3.35	737.85	0.56	1177.79	5.34
17	North Karanpura, Jharkhand (3 X 660MW)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	DarlipalliS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	TPS (4 X 800 MW)									
19	State Generating Stations	51.04	19.05	0.00	0.00	2.49	4.74	0.00	4.74	2.49
20	Barauni Stage-I (2 X 110)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Barauni Stage-II (2 X 250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	Small Hydro (BSHIPCL)	51.04	19.05	0.00	0.00	2.49	4.74	0.00	4.74	2.49
23	Dagmara HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	IPP	266.80	1787.17	1.62	290.31	2.18	389.06	76.82	756.18	4.23
25	GMR Kamalanga Energy	150.80	987.33	1.87	184.87	1.01	99.46	39.75	324.08	3.28
26	Adani Enterprises Limited	116.00	793.17	1.33	105.44	3.61	285.99	37.07	428.49	5.40
27	NEA	0.00	6.23	0.00	0.00	5.33	3.32	0.00	3.32	5.33
28	PVVNL	0.00	0.44	0.00	0.00	6.57	0.29	0.00	0.29	6.57
29	JV projects	127.60	398.72	1.15	44.80	4.53	180.73	0.00	225.53	5.66
30	MTPS Stage-I (2 X 110 MW)	127.60	398.72	1.12	44.80	4.53	180.73	0.00	225.53	5.66
31	MTPS Stage-II (2 X 195)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	Nabinagar Railway (4 X 250 Mw)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	Nabinagar Stage-I (3 X 660)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	Nabinagar JV (3 X 660 MW) Stage-II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	Renewable	85.84	80.05	0.00	0.00	5.20	41.66	0.01	41.68	5.21
36	Solar PV under JNNSM	5.80	3.83	0.00	0.00	5.50	2.11	0.01	2.12	5.53
37	Solar PV	22.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	Magadh									
39	ACME Nalanda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	Welpsun (P-2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	Avantika	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	Azure power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	Sunmark Energy Projects	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	Response Renewable energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	Alex Green Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	Glatt Solution Private Limited	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	Alfa Infrapoppvt ltd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	Udipa Energy & Equipment Ltd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	Patna Green Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	Rewa Ultra Mega Solar Project, Madhya Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	Central Public Sector Undertakings (CPSUs) with VGF under Batch-V of Phase-II of JNNSM scheme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	Under Batch-IV of Phase-II of JNNSM scheme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	Bagasse based Cogenerati	54.52	76.21	0.00	0.00	5.19	39.55	0.00	39.55	5.19

	on Project									
54	Riga Sugar Company Ltd, Sitamarhi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	Hasanpur Sugar Mills, Samastipur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56	Harinagar Sugar Mills, Harinagar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	Bharat Sugar Mills, Sidhiwalia Gopalganj	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	New Swadeshi Sugar Mill, Narkatiaganj	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	Lauriya Sugar Mill	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	Sugauli Sugar Mill	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	Siddhashram Rice Mill Cluster Pvt Ltd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62	Bihar Distillers & Bottlers Pvt. Ltd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	Tirupati Sugar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	Other RE	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	Biomass based Generation	1.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66	Biomass - Solar PV Hybrid	1.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67	Additional Solar RE to meet RPO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	Additional Non-Solar RE to meet RPO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69	Open Market Purchase	0.00	1584.23	0.00	0.00	3.07	486.51	0.48	486.99	3.07

70	IEX/PXIL	0.00	1,469.37	0.00	0.00	2.91	427.96	0.48	428.44	2.93
71	DB Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72	GMR ETL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	TATA ETL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74	UI	0.00	114.86	0.00	0.00	5.10	58.55	0.00	58.55	5.10
75										
76	Transmissi on charges								588.40	
77	PGCIL Losses				0.00		0.00	453.4 1	453.41	
78	BSPTCL Charges				0.00		0.00	131.3 3	131.33	
79	SLDC charges				0.00		0.00	0.00	0.00	
80	POSO charges				0.00		0.00	3.67	3.67	
81										
	Transfer to other Discom									

24. Table 14: Month wise organization wise detail of charges claimed in the table-14 along with copy of invoices may be furnished.

Reply:-The details requested by honorable commission have been provided in the table below.

Month	Organizational Charges			Total
	PGCIL	POSOCO	SLDC	
Apr'15	260267511.27	2938612.35	-	263206123.6
May'15	264427285.76	2837808.808	-	267265094.6
Jun'15	254312256.54	2737020.148	-	257049276.7
Jul'15	212132110.94	2745804.503	-	214877915.4
Aug'15	201230258.03	2768921.227	-	203999179.3
Sept'15	305089215.15	2831743.592	-	307920958.7
Oct'15	360220484.07	3343831.909	-	363564316
Nov'15	413330535.97	3242775.07	-	416573311
Dec'15	590066013.19	3227661.22	-	593293674.4
Jan'16	264725299.77	3227087.312	-	267952387.1
Feb'16	531572450.79	3214640.638	-	534787091.4
Mar'16	718064741.67	3547276.97	-	721612018.6
Total	4375438163	36663183.75	0	4412101347

In addition to the bills mentioned for PGCIL in the above table there is a prior period bill of Rs. 138,194,750 cr and an ERPC charges of Rs 20422006.12 cr.

Copy of invoices are attached here to and marked as **Annexure -D**

25. Table 15: Month wise details along with copy of invoices may be furnished in support of the claimed transmission charges.

Reply:-The details requested by honorable commission have been provided in the table below.

BSPTCL	
Month	Amount
Apr'15	111414000
May'15	114166800
Jun'15	110112000
Jul'15	110465400
Aug'15	111395400
Sept'15	113925000
Oct'15	113460000
Nov'15	107861400
Dec'15	104606400
Jan'16	104587800

Feb'16	105555000
Mar'16	105703800.00
Total	1313253000

Copy of invoices are attached here to and marked as **Annexure -E**

26. Total Power purchase quantum of SBPDCL and NBPDCCL is 23324.72 MU (As per Table - 13, 13713.99 Mu for SBPDCL and as per Table – 13, 9610.73 MU for NBPDCCL) whereas the same is shown as 23127.26 MU in Annexure – X (22273.90 MU from Central and other sources outside State and 853.36 MU of State Generation) correct figures may be provided.

Reply: - The Power Purchase Quantum of NBPDCCL is 9610.73 MU and 13713.99 MU of SBPDCL. Therefore, the Total Power purchase quantum of SBPDCL and NBPDCCL is 23324.72 MU. The details of Power Purchase are furnished in the table provided as reply for Query number 23.

27. Power Purchase Cost as per Table -13 is Rs. 5023.49 cr whereas the same is shown as Rs. 4994.10 Cr in the Format – 5. PGCL charges including POSOCO are 457.10 Cr as per Table – 13, whereas same are shown as Rs. 455.03 Cr in Format – 5. Power Purchase Cost in ARR Table - 33 is shown as Rs. 4993.80 Cr including UI. UI cost is shown as Rs. 58.25 Cr in Table 3 and 33, whereas the same as shown as Rs. 58.55 Cr in Format – 5 correct figures may be provided.. Power Purchase Cost in Annexure – VII is shown as Rs. 5595.83 Cr.

Reply- It is agreed that there is a difference in the figures of Power Purchase Cost shown in Table-15 and Format-5. The power purchase cost of NBPDCCL is Rs. 5023.49 Cr. whereas Rs. 4994.10 Cr is power purchase cost of FY 2015-16 and the reason for the difference of Rs29.39cris explained as sum of prior period cost for FY 2015-16 and a computational error of a UI bill during auditing. The plant wise prior period expense is provided in the table below.

Prior Period Expenses	
Farakka 1&3	-20.58
Khalhgaon	-14.12
Talchar	-1.76
Dadri	-13.10
Barh 2	0.04
Rangit	3.65
Teesta	5.25
Chukka	0.07
Tala	0.00
MTPS 2	61.14
GMR	6.05
BSHPC	3.04
Total	29.69

Computational error: - The UI figure of SBPDCL is not matching with accounts providing a gap of 30 lakhs. While reconciling the power purchase under U/I for the State of

Bihar and both DISCOMS, amount payable to NBPDCCL for intercompany power purchase adjustments of Rs.83,58,916/- has been incorrectly recorded as Rs.53,58,916/-. Differences of Rs.30 Lacs has been recognized as Prior period UI Purchase in FY 2016-17.

28. **Refer Table -13:**

- i. Power Purchase Quantum shown against Kahalgaon I & II and IEX/PXIL are different from that shown in Format – 5.

Reply- The reply has been addressed in the query number 23. There was a computation error in the calculation of Kahalgaon I & II. The difference in quantum of IEX/PXIL was because of not considering the power purchased units from JPL (PTC) and JSPL (PTC).

- ii. Similarly for many stations/sources, the Power Purchase Cost shown is different from that shown in Format – 5. Power Purchase from JPL (PTC) and JSPL (PTC) are shown in Table - 13 but they are not indicated in Format – 5.

Reply: -The quantum of power purchase from JPL (PTC) and JSPL (PTC) has been included in IEX/PXIL in format 5.

- iii. Power Purchase from Korba-III is shown as 134.69 Mu for NBPDCCL and as 183.84 MU for SBPDCL, totaling 318.53 MU. But as per WRPC Website, the monthly Power Purchase by BSPHCL from Korba-III are as given below:

October, 2015	:	3.5.68 MU
November, 2015	:	49.97 MU
December, 2015	:	47.80 MU
January, 2016	:	52.60 MU
February, 2016	:	47.48 MU
March, 2016	:	52.60 MU
Total for FY 2015-16	:	282.15 U

The figures may be reconciled from the bills.

Reply: - The share of SBPDCL for Korba-III is 184.75 MU and NBPDCCL is 133.78 MU, further for the month of Sep.2015 the quantum of power purchase from Korba-III is 15.599 MU, which is not taken in the above comments sent by BERC, in the month of Oct.2015 the quantum of power purchase from Korba-III is 52.49 MU instead of 35.68 MU taken by BERC, in the month of Jan.2016 the quantum of power purchase from Korba-III is 52.58 MU instead of 52.60 MU taken by BERC. As per REA of WRPC the data has been matched and if required it may be clarified to Hon'ble Commission. So, it is requested to approve the actual power purchase cost.

29. Total scheduled energy is 21097.57 MU as per Annexure – VIII, whereas the same shown as 21734.49 MU as per Annexure – X. Total Actual Energy drawl is 21097.24

MU as per Annexure – VIII, whereas the same is shown as 21732.10 MU as per Annexure- X.

Reply-Hon’ble commission may refer following table for annexure-VIII and annexure-X

Annexure – VIII

Name of Distribution

Company

BSP(H)CL

Details of Energy scheduled and actual drawal during FY 2015-16

S.No.	Month	Scheduled Energy (MU)	Actual Drawal (MU)	Over Drawal / Under Drawal (UI) (MU)	Deviation Charges (Rs. Lakhs)	Addl. Deviation Charges (Rs. Lakhs)	Total UI charges (Rs. Lakhs)
1	April, 2015	1,425.87	1,448.04	-22.17	938.08	463.95	1402.02
2	May, 2015	1,688.07	1,695.86	-7.79	1060.35	328.76	1389.11
3	June, 2015	1,696.04	1,658.08	37.96	130.20	322.63	452.84
4	July, 2015	1,792.82	1,768.56	24.26	-164.61	111.18	-53.43
5	August, 2015	1,870.93	1,885.00	-14.07	1042.72	101.03	1143.74
6	September, 2015	1,935.33	1,947.02	-11.69	1288.07	105.88	1393.95
7	October, 2015	2,050.75	2,011.25	39.50	-298.16	35.97	-262.19
8	November, 2015	1,848.63	1,846.08	2.55	155.47	50.78	206.25
9	December, 2015	1,913.62	1,918.53	-4.91	394.97	44.95	439.92
10	January, 2016	1,931.80	1,931.69	0.11	371.03	110.94	481.97
11	February, 2016	1,730.73	1,746.06	-15.33	125.75	193.32	319.07
12	March, 2016	1,849.89	1,880.69	-30.80	952.39	232.52	1184.91
	Total	21,734.48	21,736.86	-2.38	5,996.25	2,101.90	8,098.16

Annexure – VIII

Name of Distribution Company **SBPDCL (@58%)**
Details of Energy scheduled and actual drawal during FY 2015-16

S.No	Month	Schedule Energy (MU)	Actual Drawal (MU)	Over Drawal / Under Drawal (UI) (MU)	Deviation Charges (Rs. Lakhs)	Addl. Deviation Charges (Rs. Lakhs)	Total UI charges (Rs. Lakhs)
1	April, 2015	827.00	839.86	-12.86	544.08	269.09	813.17
2	May, 2015	979.08	983.60	-4.52	615.00	190.68	805.68
3	June, 2015	983.70	961.69	22.02	75.52	187.13	262.64
4	July, 2015	1039.84	1025.76	14.07	-95.47	64.48	-30.99
5	August, 2015	1085.14	1093.30	-8.16	604.78	58.60	663.37
6	September, 2015	1122.49	1129.27	-6.78	747.08	61.41	808.49
7	October, 2015	1189.44	1166.53	22.91	-172.93	20.86	-152.07
8	November, 2015	1072.21	1070.73	1.48	90.17	29.45	119.63
9	December, 2015	1109.90	1112.75	-2.85	229.08	26.07	255.15
10	January, 2016	1120.44	1120.38	0.06	215.20	64.35	279.54
11	February, 2016	1003.82	1012.71	-8.89	72.93	112.12	185.06
12	March, 2016	1072.94	1090.80	-17.86	552.39	134.86	687.25
	Total	12,606.00	12,607.38	-1.38	3,477.83	1,219.10	4,696.93

Annexure-X

SBPDCL+NBPDC

Name of Distribution Company

L

Details of Central and State Transmission Losses during FY 2015-16

Sl.No.	Central Sector, IPPs etc., Billed Energy (MU)	Scheduled Energy (Central Sector etc., Net (MU)	CTL Losses (MU)	CTL Losses (%)	Actual Drawl (MU)	Net UI (MU) (3-6)	Energy from State Sector and other sources (Sugar millsetc) (MU)	Total Energy Available at State (MU) (6+8)	Energy consumed in NBPDC (MU)	Energy consumed in SBPDCL (MU)
1	2	3	4	5	6	7	8	9	10	11
	22284.69	21,734.48	550.21	2.47	21,736.86	-2.38	855.73	22,592.59	8851.73	12633.62

Total Energy consumed in NBPDC + SBPDCL (MU) (10+11)	State Transmission Loss (STL) NBPDC + SBPDCL (MU) (9-12)	State Transmission Loss (STL) NBPDC + SBPDCL (%)	% share of energy drawal by NBPDC	% share of energy drawal by SBPDCL	NBPDC CTL (MU)	SBPDCL CTL (MU)	NBPDC STL (MU)	SBPDCL STL (MU)
12	13	14	15	16	17	18	19	20
21485.35	1,107.24	4.90	41.20	58.80	226.68	323.53	456.17	651.07

30. Additional Power Purchase due to excess Distribution loss is shown as 4331.04 MU in Table – 16. How this figure is arrived may be explained with calculations.

Reply- The additional power purchase due to excess distribution loss is 1368.19 MU's. This is the additional units purchased by the Discom due to distribution loss greater than the approved loss trajectory.

S. N O	Particulars	Actuals for FY 15-16	Calculation as per distribution loss approved by Commission
1	Energy sales	7,199.21	7,199.21
2	Less: Energy supplied to DF area	1278.04	1278.04
3	Less: UI sale	114.71	114.71
4	Less: Sale to Nepal	0	0
5	Net energy sale	5,806.46	5,806.46
6	Distribution Loss (%)	48.52%	20.00%
7	Distribution Loss	5,472.44	1,451.62
8	Energy required	11,278.90	7258.075
9	Add: Energy supplied to DF area	1278.04	1278.04
10	Add: 33 kV Distribution Losses@6% on Energy Input to DF	76.68	76.68
11	Total energy required at Distribution periphery (8+9+10)	12,633.62	8612.80
12	Add: Sales to Nepal	0	
13	Total energy required (11+12)	12,633.62	8612.80
14	Transmission Loss (%)	4.86%	4.86%
15	Transmission Loss (MU)	651.00	439.96
16	Energy required at Transmission Periphery (13+15)	13,284.62	9052.76
17	Add: UI sales	114.71	114.71
18	Energy requirement at transmission periphery (16+17)	13,399.94	9167.47
19	Losses in Regional Transmission system (%)	2.29%	2.29%
20	Losses in Regional Transmission system (MU)	314.66	214.86
21	Total Energy requirement at Regional Transmission periphery (18+20)	13713.99	9382.33

The difference in 13713.99 MU and 9382.33 MU is 4331.67 MU

31. Incentive received for timely payment of power purchase bills is shown as Rs. 4.82 Cr in Table – 31. 2% is the rebate allowed for prompt payment of Power Purchase bills and Transmission charges bills. Working capital is provided in the ARR to meet this expenditure promptly. Why the rebate receivable towards prompt payment of power purchase bills and transmission charges cannot be considered at 2% by the Commission, may be explained with facts and figures.

Reply- Due to lack of sufficient fund it is not possible to pay the monthly power purchase bills on time. However, all efforts are made to pay the power purchase bill on time. In FY 2016-17 due to disallowance of several expenditure incurred by SBPDCL & NBPDCCL, and not increasing the tariff by the Hon'ble Commission SBPDCL & NBPDCCL are facing financial crunch. So, it is humbly requested to approve all the actual expenditure incurred by SBPDCL & NBPDCCL.

FY 2016-17

32. Para 4.7.2: Copy of the resolution no BSPHCL/CS/2015-16/135/160 dated 07.06.2016 referred to in the para may please be furnished.

Reply- Copy of the resolution no BSPHCL/CS/2015-16/135/160 dated 07.06.2016 has been attached and Marked as *Annexure-F*

33. (a) Para 4.7.3: Copy of the PPA with NTPC Korba is required.

Reply- Copy of the PPA is attached and Marked as *Annexure-G*

(b) Is the PPA approved from BERC? Submit the detail of approval, if any.

Reply:-In this regard following points may kindly be considered:-

- i) NTPC offered 150MW bundled power from Farakka Stage-III and Korba STPS stage-III vide its letter no. 01:CD:431-IIIA dated 27.02.2015 (*Annexure-H*). NTPC had decided to offer 150MW power (75MW from Farakka Stage III and Korba Stage III each) available for sale outside long term PPA as bundled package initially for one year. The power from these stations was to be made available at CERC tariff.
- ii) The rate of bundled power purchase including PoC charges and losses came as Rs. 3.76/unit and the average rate of power purchase pool cost of BSPHCL for FY 2014-15 till May 2015 ranges from 3.86/unit to Rs. 4.61/unit.
- iii) This bundled power was approved by the company and hence PPA was executed. (*Annexure-II*). The generic agreement was in line with the agreement done between seller (NTPC) and procurer (BSPHCL) for Farakka Super Thermal Power Station, Stage-III (500MW) signed on 31.12.2010.

Since, the quantum and rate of power purchase is within blanket approved by the Hon'ble BERC, hence no further approval was needed.

(c) With regard to allocation from Farakka III latest allocation from MoP may be furnished.

Reply- Allocation of Farakka III is 107.6 MW.

34. Para 4.7.6: Approval had been accorded by the Commission for drawal of unscheduled energy (358 MU) of FY 2014-15 at variable price only corresponding to which fixed charges was already paid. Month wise details of such power with associated cost may be furnished separately.

Reply-SBPDCL has purchased 42.913MU and 13.864MU unscheduled energy from Adani in the month of Oct'16 and Nov'16 respectively. Total Cost for the unscheduled power purchased paid was Rs.17.86 Cr and 5.58 Cr including Transmission charges (STOA charges).

35. Para 4.7.7: Please justify the power procurement through short term from MSTC portal, whether such procurement was approved by the Commission.

Reply- Hon'ble BERC has approved Tariff discovered through e- bidding for short term power vide NIT no.10/PR/BSPHCL/2016 dated 21.05.2016 for the period June,2016 to November,2016 vide Order dated 02.01.2017. Copy of BERC order dated 02.01.2017 is enclosed hereto and marked as **Annexure-I**

36. Para 4.7.9: Copy of intimation letter of SLDC in respect of CoD of unit -7 of BTPS may be furnished.

Reply- Copy of intimation letter of SLDC in respect of CoD of unit -7 of BTPS is enclosed hereto and marked as **Annexure-J**

37. Para 4.7.16: For the solar plants highest among the CUF of 10% against approved CUF of 19% has been mentioned in the para 4.7.17. Please justify the basis of 10% CUF.

Reply-We accept that it was wrongly mentioned in the para 4.7.17. The approved CUF has been considered during the projections which can be seen clearly in the PLF's of solar plants assumed for projections provided as reply for query number 40(ii).

38. Para 4.10.1: Month wise organization wise charges actually paid during first six months of FY 2016-17 may be furnished.

Reply:-The details requested by honourable commission have been provided in the table below.

	PGCIL	POSOCO
Apr-16	298013381.00	3620307.00
May-16	453760636.00	3620309.00
Jun-16	362160713.00	3763106.00
Jul-16	326400071.00	3809849.00
Aug-16	313250800.00	3809849.00
Sep-16	352701852.00	3837864.00
Total	2106287453.00	22461284.00

39. 4.10.2: Month wise organization wise charges actually paid during first six months of FY 2016-17 may be furnished.

Reply:-The details requested by honourable commission have been provided in the table below.

	BSPTCL
Apr-16	134289333.00

	BSPTCL
May-16	138920000.00
Jun-16	138920000.00
Jul-16	138920000.00
Aug-16	138920000.00
Sep-16	138920000.00
Total	828889333.00

40. **Par 4.7.16**

- i) The month-wise actual power purchase quantum during the 1st half year of FY 2016-17 (April, 2016 to September, 2016) station-wise/source wise may be provided.

Reply: -The month-wise actual power purchase quantum during the 1st half year of FY 2016-17 (April, 2016 to September, 2016) station-wise/source wise is provided in the table below.

Name of The Source	Apr-16 Units purchase d (MU)	May-16 Units purchase d (MU)	Jun-16 Units purchase d (MU)	Jul-16 Units purchase d (MU)	Aug-16 Units purchase d (MU)	
Central Sector Stations	717.06	924.06	979.82	1,086.04	1,116.18	868.34
Talchar – I (2 x 500 MW)	154.087	157.723	152.530	162.482	160.485	155.153
Farakka – I & II (1600 MW)	64.268	146.184	183.773	171.548	184.146	171.631
Farakka – III (500 MW)	71.191	73.272	70.107	66.396	67.794	38.493
Kahalgaon – I (840 MW)	116.241	115.969	117.757	120.645	122.090	96.592
Kahalgaon – II (1500 MW)	36.074	24.468	26.673	18.891	34.561	28.181
Dadri – I	0.000	0.000	0.000	0.000	0.000	0.000
Teesta V HEP	26.330	32.127	38.606	44.533	41.931	46.083
Rangit – HEP	2.599	4.903	7.514	8.252	9.132	8.629
Chukka HEP	16.526	17.919	33.272	54.280	54.324	53.565
Tala HEP	6.660	20.451	48.651	97.947	100.769	99.193
Korba 3	29.453	30.261	27.724	31.329	31.221	0.000
Arun –III	0.000	0.000	0.000	0.000	0.000	0.000
Punatsangchhu&Mangdechhu, HEP,	0.000	0.000	0.000	0.000	0.000	0.000
Barh Stage-I (3 X 660 MW)	0.000	0.000	0.000	0.000	0.000	0.000
Barh Stage-II (2 X 660 MW)	193.632	300.788	273.213	309.735	309.730	170.821
North Karanpura, Jharkhand (3 X 660MW)	0.000	0.000	0.000	0.000	0.000	0.000
Darlipalli STPS (4 X 800 MW)	0.000	0.000	0.000	0.000	0.000	0.000
State Generating Stations	(0.02)	0.17	0.33	1.08	1.38	1.45
Barauni Stage-I (2 X 110)	0.000	0.000	0.000	0.000	0.000	0.000
Barauni Stage-II (2 X 250)	0.000	0.000	0.000	0.000	0.000	0.000
Small Hydro (BSHPCL)	-0.018	0.172	0.333	1.077	1.384	1.454

	Apr-16	May-16	Jun-16	Jul-16	Aug-16	
Dagmara HEP	0.000	0.000	0.000	0.000	0.000	0.000
IPP	101.75	110.92	111.92	105.14	50.74	98.15
GMR Kamalanga Energy	93.957	108.186	111.916	105.145	50.735	98.152
Adani Enterprises Limited	7.796	2.734	0.000	0.000	0.000	0.000
NEA	0.000	0.000	0.000	0.000	0.000	0.000
PVVNL	0.000	0.000	0.000	0.000	0.000	0.000
JV projects	59.46	63.14	52.76	46.00	27.93	19.20
MTPS Stage-I (2 X 110 MW)	59.458	63.143	52.762	45.999	27.930	19.204
MTPS Stage-II (2 X 195	0.000	0.000	0.000	0.000	0.000	0.000
Nabinagar Railway (4 X 250 Mw)	0.000	0.000	0.000	0.000	0.000	0.000
Nabinagar Stage-I (3 X 660	0.000	0.000	0.000	0.000	0.000	0.000
Nabinagar JV (3 X 660 MW) Stage-II	0.000	0.000	0.000	0.000	0.000	0.000
Renewable	5.67	5.32	1.10	1.72	2.41	2.75
Solar PV under JNNSM	1.119	1.230	1.172	0.983	0.598	0.988
Solar PV	-	-	0.22	1.04	2.27	2.17
ACE Magadh	0.000	0.000	0.004	0.399	0.649	0.594
ACME Nalanda	0.000	0.000	-0.001	0.398	0.832	0.778
Welpsun (P-2)	0.000	0.000	0.000	0.028	0.495	0.544
Avantika	0.000	0.000	0.216	0.214	0.291	0.251
Azure power	0.000	0.000	0.000	0.000	0.000	0.000
M/S Sunmark Energy Projects	0.000	0.000	0.000	0.000	0.000	0.000
M/S Response Renewable Energy Ltd, Kolkata	0.000	0.000	0.000	0.000	0.000	0.000
M/S Alex Green Energy Pvt. Ltd, Kolkata	0.000	0.000	0.000	0.000	0.000	0.000
M/S Glatt Solution Pvt Ltd, Kolkata	0.000	0.000	0.000	0.000	0.000	0.000
Alfa Infraprop Pvt Ltd	0.000	0.000	0.000	0.000	0.000	0.000
Udipta Energy & Equipment Pvt ltd	0.000	0.000	0.000	0.000	0.000	0.000
Patna Green Energy Pvt Ltd	0.000	0.000	0.000	0.000	0.000	0.000
Rewa Ultra Mega Solar Project, Madhya Pradesh	0.000	0.000	0.000	0.000	0.000	0.000
Central Public Sector Undertakings (CPSUs) with VGF under Batch-V of Phase-II of JNNSM scheme	0.000	0.000	0.000	0.000	0.000	0.000
Under Batch-IV of Phase-II of JNNSM scheme	0.000	0.000	0.000	0.000	0.000	0.000
Bagasse based Cogeneration Project	4.55	4.09	(0.29)	(0.30)	(0.46)	(0.40)
Riga Sugar Company Ltd, Sitamarhi	0.000	0.000	0.000	0.000	0.000	0.000
Hasanpur Mills, Samastipur Sugar	0.592	-0.026	-0.028	-0.030	-0.030	-0.021
Harinagar Sugar	4.097	4.298	-0.069	-0.061	-0.225	-0.142

	Apr-16	May-16	Jun-16	Jul-16	Aug-16	
Mills,Harinagar						
Bharat Sugar Mills,SidhiwaliaGopalganj	-0.061	-0.051	-0.057	-0.057	-0.060	-0.066
New Swadeshi Sugar Mill,Narkatiaganj	-0.020	-0.079	-0.090	-0.100	-0.100	-0.118
Lauriya Sugar Mill	-0.033	-0.029	-0.030	-0.033	-0.028	-0.033
Sugauli Sugar Mill	-0.025	-0.022	-0.016	-0.017	-0.013	-0.020
Siddhashram Rice Mill Cluster Pvt Ltd	0.000	0.000	0.000	0.000	0.000	0.000
Bihar Distillers & Bottlers Pvt. Ltd	0.000	0.000	0.000	0.000	0.000	0.000
Tirupati Sugar	0.000	0.000	0.000	0.000	0.000	0.000
Biomass based Generation	0.000	0.000	0.000	0.000	0.000	0.000
Biomass - Solar PV Hybrid	0.000	0.000	0.000	0.000	0.000	0.000
Additional Solar RE to meet RPO	0.000	0.000	0.000	0.000	0.000	0.000
Additional Non-Solar RE to meet RPO	0.000	0.000	0.000	0.000	0.000	0.000
Open Market Purchase	293.326	115.543	113.824	104.419	215.053	268.441
IEX/PXIL	267.147	130.544	63.912	35.533	61.471	180.111
DB Power	0.000	0.000	35.337	0.000	71.595	0.000
GMR ETL	0.000	0.000	9.228	45.628	78.406	78.406
TATA ETL	0.000	0.000	0.000	0.000	0.000	0.000
UI	26.179	-15.001	5.348	23.259	3.581	9.924
Sub Total Power Purchase	1,177.25	1,219.16	1,259.76	1,344.40	1,413.69	1,258.34

- ii) The Plant Load Factor (PLF) considered for each station, for estimating the energy availability during October, 2016 to March, 2017 may be provided.

Reply: -The Plant Load Factor (PLF) considered for each station, for estimating the energy availability during October, 2016 to March, 2017 are provided in the table below.

	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	FY 16-17
Name of The Source							
Central Sector Stations							
<i>Talchar – I (2 x 500 MW)</i>	85.00%	90.73%	88.84%	85.00%	89.92%	92.34%	87.00%
<i>Farakka – I & II (1600 MW)</i>	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	76.61%
<i>Farakka – III (500 MW)</i>	93.51%	85.00%	87.08%	96.97%	94.65%	85.00%	113.30%
<i>Kahalgaoon – I (840 MW)</i>	86.76%	86.62%	88.08%	85.00%	85.00%	85.00%	79.64%
<i>Kahalgaoon – II (1500 MW)</i>	85.00%	85.00%	105.26%	95.06%	103.88%	96.76%	90.17%
Dadri – I	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	0.00%
<i>Teesta V HEP</i>	66.60%	46.75%	46.75%	46.75%	46.75%	46.75%	65.16%

	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	FY 16-17
<i>Rangit – HEP</i>	91.45%	60.06%	49.50%	49.50%	49.50%	49.50%	66.15%
Chukka HEP	104.59%	74.20%	74.20%	74.20%	74.20%	74.20%	94.05%
Tala HEP	43.31%	36.90%	36.90%	36.90%	36.90%	36.90%	46.18%
<i>Korba 3</i>	94.06%	92.54%	85.66%	94.23%	91.57%	85.66%	0.00%
Arun –III	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	0.00%
Punatsangchhu&Mangdechhu, HEP,	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	0.00%
Barh Stage-I (3 X 660 MW)	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	0.00%
Barh Stage-II (2 X 660 MW)	85.00%	85.00%	85.00%	85.00%	85.00%	93.08%	77.32%
North Karanpura, Jharkhand (3 X 660MW)	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	0.00%
Darlipalli STPS (4 X 800 MW)	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	0.00%
State Generating Stations	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Barauni Stage-I (2 X 110	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	32.88%
Barauni Stage-II (2 X 250	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	0.00%
Small Hydro (BSHPCL)	10.00%	10.00%	10.00%	10.00%	21.30%	10.00%	6.84%
Dagmara HEP	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	0.00%
IPP	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GMR Kamalanga Energy	85.00%	89.13%	85.00%	85.00%	85.00%	98.55%	85.17%
Adani Enterprises Limited	148.51%	113.76%	85.00%	85.00%	85.00%	85.00%	0.00%
NEA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PVVNL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
JV projects	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MTPS Stage-I (2 X 110 MW)	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	62.89%
MTPS Stage-II (2 X 195	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	0.00%
Nabinagar Railway (4 X 250 Mw)	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	0.00%
Nabinagar Stage-I (3 X 660	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	0.00%
Nabinagar JV (3 X 660 MW) Stage-II	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	0.00%
Renewable	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Solar PV under JNNSM	19.00%	19.00%	19.00%	20.15%	22.49%	25.73%	21.94%
Solar PV	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ACE Magadh	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	12.55%
ACME Nalanda	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	11.97%
Welpsun (P-2)	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	9.93%
Avantika	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	13.12%
Azure power	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	6.25%
M/S Sunmark Energy Projects	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	6.25%
M/S Response Renewable Energy Ltd, Kolkata	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	6.25%
M/S Alex Green Energy Pvt. Ltd, Kolkata	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	6.25%

	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	FY 16-17
M/S Glatt Solution Pvt Ltd, Kolkata	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	6.25%
Alfa Infracorp Pvt Ltd	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	6.25%
Udipta Energy & Equipment Pvt Ltd	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	6.25%
Patna Green Energy Pvt Ltd	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	6.25%
Rewa Ultra Mega Solar Project, Madhya Pradesh	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	0.00%
Central Public Sector Undertakings (CPSUs) with VGF under Batch-V of Phase-II of JNN SM scheme	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	0.00%
Under Batch-IV of Phase-II of JNN SM scheme	19.00%	19.00%	19.00%	19.00%	19.00%	19.00%	0.00%
Bagasse based Cogeneration Project	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Riga Sugar Company Ltd, Sitamarhi	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	26.28%
Hasanpur Sugar Mills, Samastipur	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	27.15%
Harinagar Sugar Mills, Harinagar	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	39.94%
Bharat Sugar Mills, Sidhiwalia Gopalganj	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	25.67%
New Swadeshi Sugar Mill, Narkatiaganj	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	24.90%
Lauriya Sugar Mill	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	26.10%
Sugauli Sugar Mill	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	26.18%
Siddhashram Rice Mill Cluster Pvt Ltd	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	17.42%
Bihar Distillers & Bottlers Pvt. Ltd	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	17.42%
Tirupati Sugar	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	17.42%
Biomass based Generation	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	26.28%
Biomass - Solar PV Hybrid	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

iii) The detailed computation table for projections of power purchase quantum for FY 2016-17 may be provided.

Reply: -The data requested by the Hon'ble commission regarding power purchase quantum is presented in the table below.

S I. No .	Power Sources	Purchase	Current Year (FY 16-17)							
			Share Allocation (MW)	Energy MU	Fixed Charge rate (Rs/MU)	Fixed charge Rs. Cr.	Energy Rate (Rs/kWh)	Energy charge Rs. Cr.	Other charges (pl. specify) Rs. cr.	

S I. No	Power Sources	Purchase	Current Year (FY 16-17)							
			Share Allocation (MW)	Energy MU	Fixed Charge rate (Rs/MU)	Fixed charge Rs. Cr.	Energy Rate (Rs/kWh)	Energy charge Rs. Cr.	Other charges (pl. specify) Rs. cr.	
1	2	12	13	14	15	16	17	18		
1	Central Sector Stations	1674.62	11545.53	1.22	1413.55	2.29	2642.41	11.80	4067.76	3.52
2	Talchar – I (2 x 500 MW)	249.90	1904.45	0.74	140.88	1.71	325.01	8.84	474.73	2.49
3	Farakka – I & II (1600 MW)	305.28	2048.77	0.85	174.23	2.47	506.68	0.55	681.46	3.33
4	Farakka – III (500 MW)	64.56	640.74	1.19	76.52	1.96	125.68	0.06	202.26	3.16
5	Kahalgaon – I (840 MW)	212.94	1485.54	1.01	149.38	2.42	358.94	0.46	508.78	3.42
6	Kahalgaon – II (1500 MW)	44.82	354.02	1.04	36.73	2.24	79.23	0.04	116.00	3.28
7	Dadri – I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Teesta V HEP	65.06	371.34	0.99	36.90	1.01	37.48	0.14	74.52	2.01
9	Rangit – HEP	12.60	73.01	1.77	12.90	1.75	12.80	0.03	25.73	3.52
10	Chukka HEP	48.00	395.45	0.00	0.00	2.05	81.17	0.00	81.17	2.05
11	Tala HEP	156.06	631.27	0.00	0.00	2.02	127.52	0.00	127.52	2.02
12	Korba 3	0.00	149.99	1.29	19.37	1.57	23.61	1.11	44.10	2.94
13	Arun –III	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Punatsangchhu&Mangdechhu, HEP,	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Barh Stage-I (3 X 660 MW)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Barh Stage-II (2 X 660 MW)	515.40	3490.96	2.20	766.63	2.76	964.29	0.57	1731.49	4.96
17	North Karanpura, Jharkhand (3 X 660MW)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Darlipalli STPS (4 X 800 MW)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	State Generating Stations	118.80	221.71	1.71	38.02	2.20	48.87	0.00	86.88	3.92
20	Barauni Stage-I (2 X 110)	66.00	190.08	2.00	38.02	1.97	37.45	0.00	75.46	3.97
21	Barauni Stage-II (2 X 250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	Small Hydro (BSPCL)	52.80	31.63	0.00	0.00	3.61	11.42	0.00	11.42	3.61
23	Dagmara HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	IPP	156.00	1174.49	2.06	242.06	0.99	116.85	42.35	401.26	3.42
25	GMR Kamalanga Energy	156.00	1163.96	1.86	215.93	0.97	112.96	40.05	368.94	3.17
26	Adani Enterprises Limited	0.00	10.53	24.82	26.13	3.69	3.89	2.30	32.32	30.69
27	NEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	PVVNL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	JV projects	132.00	727.22	1.16	84.36	3.71	269.70	0.00	354.05	4.87
30	MTPS Stage-I (2 X 110 MW)	132.00	727.22	1.16	84.36	3.71	269.70	0.00	354.05	4.87
31	MTPS Stage-II (2 X 195)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	Nabinagar Railway (4 X 250 Mw)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	Nabinagar Stage-I (3 X 660)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	Nabinagar JV (3 X 660 MW) Stage-II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	Renewable	154.62	219.26	1.49	32.68	5.32	116.68	0.00	149.37	6.81
36	Solar PV under JNNSM	6.00	11.53	0.00	0.00	5.50	6.34	0.00	6.34	5.50
37	Solar PV	88.62	65.87	1.74	11.48	5.50	36.20	0.00	47.68	7.24
38	ACE Magadh	6.00	6.60	0.00	0.00	8.73	5.76	0.00	5.76	8.73
39	ACME Nalanda	9.00	9.43	0.00	0.00	8.73	8.24	0.00	8.24	8.73
40	Welpsun (P-2)	24.00	20.88	0.00	0.00	8.64	18.04	0.00	18.04	8.64
41	Avantika	3.00	3.45	0.00	0.00	12.09	4.17	0.00	4.17	12.09
42	Azure power	6.00	3.28	4.50	1.48	0.00	0.00	0.00	1.48	4.50
43	Sunmark Energy Projects	6.00	3.28	4.50	1.48	0.00	0.00	0.00	1.48	4.50
44	Response Renewable energy	6.00	3.28	4.50	1.48	0.00	0.00	0.00	1.48	4.50

S I. No	Power Sources	Purchase	Current Year (FY 16-17)								
			Share Allocation (MW)	Energy MU	Fixed Charge rate (Rs/MU)	Fixed charge Rs. Cr.	Energy Rate (Rs/kWh)	Energy charge Rs. Cr.	Other charges (pl. specify) Rs. cr.		
45	Alex Green Energy		6.00	3.28	4.50	1.48	0.00	0.00	0.00	1.48	4.50
46	Glatt Solution Private Limited		1.80	0.98	4.50	0.44	0.00	0.00	0.00	0.44	4.50
47	Alfa Infrapopvt ltd		12.00	6.57	4.50	2.95	0.00	0.00	0.00	2.95	4.50
48	Udipa Energy & Equipment Ltd		3.00	1.64	4.50	0.74	0.00	0.00	0.00	0.74	4.50
49	Patna Green Energy		5.82	3.18	4.50	1.43	0.00	0.00	0.00	1.43	4.50
50	Rewa Ultra Mega Solar Project, Madhya Pradesh		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	Central Public Sector Undertakings (CPSUs) with VGF under Batch-V of Phase-II of JNNISM scheme		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	Under Batch-IV of Phase-II of JNNISM scheme		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	Bagasse based Cogeneration Project		56.40	131.46	1.61	21.20	5.24	68.94	0.00	90.14	6.86
54	Riga Sugar Company Ltd, Sitamarhi		1.80	4.14	0.00	0.00	5.00	2.07	0.00	2.07	5.00
55	Hasanpur Sugar Mills, Samastipur		6.00	14.27	-1.00	-1.43	5.80	8.28	0.00	6.85	4.80
56	Harinagar Sugar Mills, Harinagar		6.60	23.09	-0.18	-0.42	5.26	12.16	0.00	11.73	5.08
57	Bharat Sugar Mills, Sidhiwalia Gopalganj		6.60	14.84	2.56	3.80	4.96	7.36	0.00	11.16	7.52
58	New Swadeshi Sugar Mill, Narkatiaganj		4.20	9.16	3.00	2.75	4.92	4.51	0.00	7.26	7.92
59	Lauriya Sugar Mill		12.00	27.44	2.73	7.49	5.29	14.52	0.00	22.01	8.02
60	Sugauli Sugar Mill		12.00	27.52	2.48	6.82	5.29	14.55	0.00	21.37	7.77
61	Siddhashram Rice Mill Cluster Pvt Ltd		0.60	0.92	2.00	0.18	5.00	0.46	0.00	0.64	7.00
62	Bihar Distillers & Bottlers Pvt. Ltd		3.00	4.58	2.00	0.92	5.00	2.29	0.00	3.21	7.00
63	Tirupati Sugar		3.60	5.50	2.00	1.10	5.00	2.75	0.00	3.85	7.00
64	Other RE		3.60	10.40	0.00	0.00	5.00	5.20	0.00	5.20	5.00
65	Biomass based Generation		1.80	6.26	0.00	0.00	5.00	3.13	0.00	3.13	5.00
66	Biomass - Solar PV Hybrid		1.80	4.14	0.00	0.00	5.00	2.07	0.00	2.07	5.00
67	Additional Solar RE to meet RPO		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68	Additional Non-Solar RE to meet RPO		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69	Open Market Purchase		0.00	1110.61	0.00	0.00	2.95	328.07	0.00	328.07	2.95
70	IEX/PXIL		0.00	738.72	0.00	0.00	2.86	211.59	0.00	211.59	2.86
71	DB Power		0.00	106.93	0.00	0.00	2.65	28.30	0.00	28.30	2.65
72	GMR ETL		0.00	211.67	0.00	0.00	2.86	60.54	0.00	60.54	2.86
73	TATA ETL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74	UI		0.00	53.29	0.00	0.00	5.19	27.64	0.00	27.64	5.19
75	Sub-Total Power Purchase		2236.04	14998.83	1.21	1810.67	2.35	3522.57	54.15	5387.39	3.59
76	Transmission charges										
77	PGCIL Losses		0.00	0.00	0.00	0.00	0.00	0.00	415.01	415.01	0.00
78	BSPTCL Charges		0.00	0.00	0.00	0.00	0.00	0.00	163.32	163.32	0.00
79	SLDC charges		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	POSOCO charges		0.00	0.00	0.00	0.00	0.00	0.00	4.43	4.43	0.00
81	Grand-Total Power Purchase		2236.04	14998.83	1.21	1810.67	2.35	3522.57	636.91	5970.15	3.98
	Transfer to other Discom			-647.16						-257.59	3.98

S I. No	Power Sources	Purchase	Current Year (FY 16-17)								
			Share Allocation (MW)	Energy MU	Fixed Charge rate (Rs/MU)	Fixed charge Rs. Cr.	Energy Rate (Rs/kWh)	Energy charge Rs. Cr.	Other charges (pl. specify) Rs. cr.		
		Net Power Purchase	2236.04	14351.68	0.00	1810.67	29.86	3522.57	636.91	5712.56	3.98
		<i>Check</i>	-	-	-	-	-	-	-	-	-

41. Table 40: Against serial No.6, energy transferred to other stations/UI is shown as 53.29 MU. The same is not reflected in sale of energy and revenue from it is not shown.

Reply: - Receivable amount for the sale of energy under UI has already been adjusted by ERPC to the payable amount and finally the gross amount was payable to SBPDCL & NBPDCCL, so revenue from it cannot be shown.

42. **Power Purchase Cost**

- i. The station-wise/source-wise actual power purchase quantum and total power purchase cost (showing fixed cost, variable cost and other cost), during the 1st Half year of FY 2016-17 (April, 2016 to September, 2016) may be provided.

Reply: -The actual total power purchase cost during the 1st Half year of FY 2016-17 (April, 2016 to September, 2016) is provided in the table below.

Actuals - April 16 to September 16										
Name of The Source	Share allocated (MW)	Units purchased (MU)	Fixed Cost (Rs/kWh)	Fixed charge (RsCr/s)	Energy Cost (Rs/kWh)	Energy cost (RsCr/s)	Miscellaneous Cost (Rs/kWh)	Miscellaneous cost (RsCr/s)	Total cost (Rs/kWh)	Total Cost (RsCr/s)
Central Sector Stations	1,674.62	5,691.50	1.182	672.73	2.242	1,276.03	0.011	6.36	3.435	1,955.12
Talchar – I (2 x 500 MW)	249.90	942.46	0.74	69.72	1.71	160.84	0.05	4.37	2.49	234.93
Farakka – I & II (1600 MW)	305.28	921.55	0.85	78.37	2.47	227.91	0.00	0.25	3.33	306.53
Farakka – III (500 MW)	64.56	387.25	1.19	46.25	1.96	75.96	0.00	0.04	3.16	122.24
Kahalgaon – I (840 MW)	212.94	689.29	1.01	69.31	2.42	166.55	0.00	0.21	3.42	236.07
Kahalgaon – II (1500 MW)	44.82	168.85	1.04	17.52	2.24	37.79	0.00	0.02	3.28	55.33
Dadri – I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Teesta V HEP	65.06	229.61	0.99	22.82	1.01	23.18	0.00	0.08	2.01	46.08
Rangit – HEP	12.60	41.03	1.77	7.25	1.75	7.19	0.00	0.01	3.52	14.46
Chukka HEP	48.00	229.88	0.00	0.00	2.05	47.18	0.00	0.00	2.05	47.18
Tala HEP	156.06	373.67	0.00	0.00	2.02	75.48	0.00	0.00	2.02	75.48
Korba 3	0.00	149.99	1.29	19.37	1.57	23.61	0.07	1.11	2.94	44.10
Arun –III	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	Actuals - April 16 to September 16										
Punatsangchhu & Mangdechhu, HEP,	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barh Stage-I (3 X 660 MW)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barh Stage-II (2 X 660 MW)	515.40	1557.92	2.20	342.12	2.76	430.33	0.00	0.26	4.96	772.72	
North Karanpura, Jharkhand (3 X 660MW)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Darlipalli STPS (4 X 800 MW)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
State Generating Stations	52.80	4.40	0.000	-	3.610	1.59	0.000	-	3.610	1.59	
Barauni Stage-I (2 X 110)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Barauni Stage-II (2 X 250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Small Hydro (BSPCL)	52.80	4.40	0.00	0.00	3.61	1.59	0.00	0.00	3.61	1.59	
Dagmara HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
IPP	156.00	578.62	2.273	131.52	1.020	59.02	0.378	21.85	3.671	212.39	
GMR Kamalanga Energy	156.00	568.09	1.86	105.39	0.97	55.13	0.34	19.55	3.17	180.07	
Adani Enterprises Limited	0.00	10.53	24.82	26.13	3.69	3.89	2.19	2.30	30.69	32.32	
NEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PVVNL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
JV projects	132.00	268.50	1.160	31.15	3.709	99.57	0.000	-	4.869	130.72	
MTPS Stage-I (2 X 110 MW)	132.00	268.50	1.16	31.15	3.71	99.57	0.00	0.00	4.87	130.72	
MTPS Stage-II (2 X 195)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Nabinagar Railway (4 X 250 Mw)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Nabinagar Stage-I (3 X 660)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Nabinagar JV (3 X 660 MW) Stage-II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Renewable	151.02	18.98	-0.270	(0.51)	6.574	12.47	0.000	-	6.304	11.96	
Solar PV under JNNSM	6.00	6.09	0.00	0.00	5.50	3.35	0.00	0.00	5.50	3.35	
Solar PV	88.62	5.69	0.000	-	9.288	5.28	0.000	-	38.19	5.285	
ACE Magadh	6.00	1.65	0.00	0.00	8.73	1.44	0.00	0.00	8.73	1.44	

	Actuals - April 16 to September 16									
ACME Nalanda	9.00	2.01	0.00	0.00	8.73	1.75	0.00	0.00	8.73	1.75
Welpsun (P-2)	24.00	1.07	0.00	0.00	8.64	0.92	0.00	0.00	8.64	0.92
Avantika	3.00	0.97	0.00	0.00	12.09	1.18	0.00	0.00	12.09	1.18
Azure power	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M/S Sunmark Energy Projects	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M/S Response Renewable Energy Ltd, Kolkata	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M/S Alex Green Energy Pvt. Ltd, Kolkata	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M/S Glatt Solution Pvt Ltd, Kolkata	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alfa Infraprop Pvt Ltd	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Udipta Energy & Equipment Pvt Ltd	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Patna Green Energy Pvt Ltd	5.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rewa Ultra Mega Solar Project, Madhya Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Central Public Sector Undertakings (CPSUs) with VGF under Batch-V of Phase-II of JNNSM scheme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Under Batch-IV of Phase-II of JNNSM scheme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bagasse based Cogeneration Project	56.40	7.19	-0.712	(0.51)	5.336	3.84	0.000	-	4.624	3.33
Riga Sugar Company Ltd, Sitamarhi	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hasanpur Sugar Mills, Samastip	6.00	0.46	-1.00	-0.05	5.80	0.27	0.00	0.00	4.80	0.22

Actuals - April 16 to September 16										
ur										
Harinagar Sugar Mills, Harinagar	6.60	7.90	-0.18	-0.14	5.26	4.16	0.00	0.00	5.08	4.01
Bharat Sugar Mills, Sidhiwalia Gopalganj	6.60	-0.35	2.56	-0.09	4.96	-0.18	0.00	0.00	7.52	-0.27
New Swadeshi Sugar Mill, Narkatiaganj	4.20	-0.51	3.00	-0.15	4.92	-0.25	0.00	0.00	7.92	-0.40
Lauriya Sugar Mill	12.00	-0.19	2.73	-0.05	5.29	-0.10	0.00	0.00	8.02	-0.15
Sugauli Sugar Mill	12.00	-0.11	2.48	-0.03	5.29	-0.06	0.00	0.00	7.77	-0.09
Siddhashram Rice Mill Cluster Pvt Ltd	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bihar Distillers & Bottlers Pvt. Ltd	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tirupati Sugar	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biomass based Generation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biomass - Solar PV Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Additional Solar RE to meet RPO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Additional Non-Solar RE to meet RPO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Open Market Purchase	0.000	1110.606	0.000	0.000	2.954	328.069	0.000	0.000	2.954	328.069
IEX/PXIL	0.00	738.72	0.00	0.00	2.86	211.59	0.00	0.00	2.86	211.59
DB Power	0.00	106.93	0.00	0.00	2.65	28.30	0.00	0.00	2.65	28.30
GMR ETL	0.00	211.67	0.00	0.00	2.86	60.54	0.00	0.00	2.86	60.54
TATA ETL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI	0.00	53.29	0.00	0.00	5.19	27.64	0.00	0.00	5.19	27.64
Sub Total Power Purchase	2,166.44	7,672.60	1.088	834.89	2.316	1,776.75	0.037	28.21	3.441	2,639.85
Transmission charges								295.764		295.764
PGCIL Losses								210.63		210.63
BSPTCL Charges								82.89		82.89
SLDC charges								0.00		0.00

Actuals - April 16 to September 16											
POSOCO charges									2.25		2.25
Total Power Purchase	2,166.44	7,672.60	1.088	834.89	2.316	1,776.75	0.422	323.97	3.826	2,935.61	

- ii. In Format – 5, the cost of energy transferred to other DISCOM is shown at Rs. 257.59 Cr. But the cost of energy transferred to other State/UI is not shown.

Reply: - The cost of energy transferred under UI is mentioned in the row number 74 of Format 5 provided to the Honourable commission.

FY 2017-18

43. **Para 5.8.4: Power Purchase Quantum (MU):** The month-wise power purchase (MU) calculated from April, 2017 to March 2018 may be provided duly providing PLF considered.

	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18
Name of The Source	PLF (%)	PLF (%)	PLF (%)	PLF (%)	PLF (%)	PLF (%)	PLF (%)	PLF (%)	PLF (%)	PLF (%)	PLF (%)	PLF (%)
Central Sector Stations												
Talchar – I (2 x 500 MW)	88.59%	87.76%	85.00 %	87.39 %	89.19 %	86.23 %	85.00 %	90.73 %	88.84 %	85.00 %	89.92 %	92.34 %
Farakka – I & II (1600 MW)	85.00%	85.00%	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %
Farakka – III (500 MW)	158.44%	157.81%	150.9 9%	138.2 3%	145.8 5%	85.00 %	93.51 %	85.00 %	87.08 %	96.97 %	94.65 %	85.00 %
Kahalgaon – I (840 MW)	85.00%	85.00%	85.00 %	85.00 %	85.00 %	85.00 %	86.76 %	86.62 %	88.08 %	85.00 %	85.00 %	85.00 %
Kahalgaon – II (1500 MW)	115.64%	85.00%	85.00 %	85.00 %	107.1 0%	87.33 %	85.00 %	85.00 %	105.2 6%	95.06 %	103.8 8%	96.76 %
Dadri – I	85.00%	85.00%	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %
Teesta V HEP	58.15%	68.66%	82.51 %	92.00 %	89.52 %	98.38 %	66.60 %	46.75 %	46.75 %	46.75 %	46.75 %	46.75 %
Rangit – HEP	49.50%	54.10%	82.91 %	88.03 %	100.6 6%	95.12 %	91.45 %	60.06 %	49.50 %	49.50 %	49.50 %	49.50 %
Chukka HEP	74.20%	74.20%	96.38 %	151.9 9%	157.1 9%	154.9 9%	104.5 9%	74.20 %	74.20 %	74.20 %	74.20 %	74.20 %
Tala HEP	36.90%	36.90%	43.35 %	84.36 %	89.68 %	88.28 %	43.31 %	36.90 %	36.90 %	36.90 %	36.90 %	36.90 %
Korba 3	94.04%	93.50%	85.66 %	85.00 %	85.00 %	85.00 %	94.06 %	92.54 %	85.66 %	94.23 %	91.57 %	85.66 %
Arun –III	45.00%	45.00%	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %
Punatsangchhu&Ma ngdechhu, HEP,	45.00%	45.00%	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %
Barh Stage-I (3 X 660 MW)	85.00%	85.00%	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %
Barh Stage-II (2 X 660 MW)	85.00%	85.00%	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	93.08 %
North Karanpura, Jharkhand (3 X 660MW)	85.00%	85.00%	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %
Darlipalli STPS (4 X 800 MW)	85.00%	85.00%	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %
State Generating Stations												

Barauni Stage-I (2 X 110)	80.00%	80.00%	80.00 %	80.00 %	80.00 %	80.00 %	80.00 %	80.00 %	80.00 %	80.00 %	80.00 %	80.00 %
Barauni Stage-II (2 X 250)	85.00%	85.00%	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %
Small Hydro (BHPCL)	10.00%	10.00%	10.00 %	10.00 %	10.00 %	10.00 %	10.00 %	10.00 %	10.00 %	10.00 %	21.30 %	10.00 %
Dagmara HEP	45.00%	45.00%	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %	45.00 %
IPP												
GMR Kamalanga Energy	86.54%	96.43%	99.75 %	90.59 %	85.00 %	87.39 %	85.00 %	89.13 %	85.00 %	85.00 %	85.00 %	98.55 %
Adani Enterprises Limited	85.00%	85.00%	85.00 %	85.00 %	85.00 %	85.00 %	148.5 %	113.7 %	85.00 %	85.00 %	85.00 %	85.00 %
NEA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00 %
PVVNL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00 %
JV projects												
MTPS Stage-I (2 X 110 MW)	80.00%	80.00%	80.00 %	80.00 %	80.00 %	80.00 %	80.00 %	80.00 %	80.00 %	80.00 %	80.00 %	80.00 %
MTPS Stage-II (2 X 195)	85.00%	85.00%	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %
Nabinagar Railway (4 X 250 Mw)	85.00%	85.00%	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %
Nabinagar Stage-I (3 X 660)	85.00%	85.00%	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %
Nabinagar JV (3 X 660 MW) Stage-II	85.00%	85.00%	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %	85.00 %
Renewable												
Solar PV under JNNSM	26.79%	28.51%	27.17 %	22.01 %	19.00 %	22.88 %	19.00 %	19.00 %	19.00 %	19.00 %	20.15 %	22.49 %
Solar PV												
ACE Magadh	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
ACME Nalanda	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Welsun (P-2)	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Avantika	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Azure power	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Sunmark Energy Projects	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Response Renewable energy	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Alex Green Energy	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Glatt Solution Private Limited	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Alfa Infrapoppy Ltd	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Udipa Energy & Equipment Ltd	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Patna Green Energy	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Rewa Ultra Mega Solar Project, Madhya Pradesh	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Central Public Sector Undertakings (CPSUs) with VGF under Batch-V of Phase-II of JNNSM scheme	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Under Batch-IV of Phase-II of JNNSM scheme	19.00%	19.00%	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %	19.00 %
Bagasse based Cogeneration Project												
Riga Sugar Company	53.00%	53.00%	53.00 %	53.00 %	53.00 %	53.00 %	53.00 %	53.00 %	53.00 %	53.00 %	53.00 %	53.00 %

Ltd,Sitamarhi													
Hasanpur Sugar Mills,Samastipur	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%
Harinagar Sugar Mills,Harinagar	86.22%	87.52%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%
Bharat Sugar Mills,Sidhiwali aGopalganj	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%
New Swadeshi Sugar Mill,Narkatiaganj	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%
Lauriya Sugar Mill	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%
Sugauli Sugar Mill	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%
Siddhashram Rice Mill Cluster Pvt Ltd	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%
Bihar Distillers & Bottlers Pvt. Ltd	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%
Tirupati Sugar	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%
Biomass based Generation	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
Biomass - Solar PV Hybrid	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%	53.00%
Additional Solar RE to meet RPO	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Additional Non-Solar RE to meet RPO	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

44. In Para 5.8.4, it is stated that “the Petitioner has made a consideration to take highest among the following two plant load factors every month of FY 2017-18 from April, 2017 to May, 2018”. This may be clearly explained.

Reply: - The two plant load factors mentioned in the Para 5.8.4 are

1. Normative Plant Load factor as per CERC Norms
2. Plant Load factor of the respective plant in previous financial year for that respective month.

45. In Para 5.8.5, it is stated that “The month-wise projections data of April, 2017 to March, 2018 is added to get the total power purchase”. This may be clearly explained.

Reply: - As mentioned in the petition that projections have been made month on month to calculate the total power purchase for the financial year 2017-18, we have considered the summation of power purchase projected for every month of the financial year i.e. April 2017 to March 2018.

E. GFA and Depreciation

FY 2015-16

46. Table 18: The Commission believes that strengthening/augmentation of plants & machineries and lines & cables under various schemes will replace old and dilapidated plants & machineries and lines & cables but neither retirement of such equipment’s has been shown nor GFA has been reduced proportionately. Please furnish justification.

Reply:-It is agreed that assets retire after the completion of their estimated life. As of date there is no retirement of assets as the estimated life of an asset is yet not completed.

It is to be mentioned that Discom is well aware with the accounting principles and shall retire the related assets as per the completion of their estimated life.

FY 2016-17

47. (a)Table 51: Half yearly unaudited account of first six months of FY 2016-17 may be furnished.

Reply: -Half yearly unaudited account of first six months of FY 2016-17 is attached hereto and marked as *Annexure K.*-

(b)Further, the Commission believes that strengthening/augmentation of plants & machineries and lines & cables under various schemes will replace old and dilapidated plants & machineries and lines & cables but neither retirement of such equipment's has been shown nor GFA has been reduced proportionately please furnish justification.

Reply: -It is agreed that assets retire after the completion of their estimated life. As of date there is no retirement of assets as the estimated life of an asset is yet not completed.

It is to be mentioned that Discom is well aware with the accounting principles and shall retire the related assets as per the completion of their estimated life.

48. Table 52: Why the two weighted average rates of depreciation mentioned at SL. No. 6 and 12 of the table are different? Please submit clarification.

Reply:-It is agreed that there are two weighted average rates mentioned in table 52.The weighted average rate mentioned in S.no 6 of the table is the Depreciation rate on the entire GFA whether it is funded through equity, Loan or grants while the weighted average rates in S.no 12 is pertaining solely to the assets funded through grant. The depreciation on the assets funded through grants is reduced from total depreciation and the balance amount is claimed.

49. Para 4.14.8:Please furnish the detailed capitalization plan and capitalization along with source of funding for FY 2015-16 (actual),FY 2016-17 (RE) and FY 2017-18.

Reply:-The detailed capitalization plan is already submitted to the Commission as Annexure-XI in the additional formats.

FY 2017-18

50. Para 5.13.2: Detailed capitalization plan indicating source of funding, grants, loan and equity may be furnished.

Reply:-The detailed capitalization plan is already submitted to the Commission as Annexure-XI in the additional formats.

51. Table 80: The Commission believes that strengthening/augmentation of plants & machineries and lines & cables under various schemes will replace old and dilapidated plants & machineries and lines & cables but neither retirement of such equipments has been shown nor GFA has been reduced proportionately. Please furnish justification.

Reply: -It is agreed that assets retire after the completion of their estimated life. As of date there is no retirement of assets as the estimated life of an asset is yet not completed.

It is to be mentioned that Discom is well aware with the accounting principles and shall retire the related assets as per the completion of their estimated life.

52. Para 5.15.9: As per accounting principle, 90% depreciation (10% is considered as salvage value) is allowed over a period of time to meet the repayment of principal loan amount. However the statement made in the para is in contradiction to the accounting principle. Please explain.

Reply:-The statement made in para 5.15.8 pertains to general treatment of depreciation. However in context of power utility the depreciation is allowed to meet the repayment of principal loan amount as mentioned in the above statement.

53. The assets of Discoms are created out of funds generated through equity, loan and grant. Details of year-wise contribution in equity share, release of grant and loan taken with supporting documents in the form of allotment letter/sanction order/grant for years 2014-15, 2015-16 and 2016-17 should be submitted. Capital expenditure does not necessarily means funding of asset through equity capital. Capital expenditure can be funded either through equity, loan or grant. If the amount spent on creation of asset is to be categorized as equity, sources/ sanction letter from the government specifying therein the name of the project and equity contribution must be furnished.

Reply:-In this regard Letter No.- 58 dated 17.01.2017 of GM (Finance), BSPHCL and 59 dated 11.01.2017 of Dy. Secretary, Energy Dep't., Govt. of Bihar is attached hereto and marked as **Annexure-L** for reference. Further, after receiving the final guidelines from Govt. of Bihar it will be communicated to Hon'ble Commission.

54. Return on equity, interest on loan and depreciation on the assets are affected by the kind of funding i.e. whether funding is through equity, loan or through grants. Therefore, their source of funding and its nature (grant, equity and loan) has to be clearly specified and supported by the Govt. sanction/allotment letter.

Reply:-In this regard Letter No.- 58 dated 17.01.2017 of GM (Finance), BSPHCL and 59 dated 11.01.2017 of Dy. Secretary, Energy Deptt., Govt. of Bihar is attached hereto and marked as **Annexure-L** for reference. Further, after receiving the final guidelines from Govt. of Bihar it will be communicated to Hon'ble Commission.

F. Interest on Loans and Other Finance charges

FY 2015-16

55. Table 20: The table contains some charges against Interest on General Provident fund and Interest on Group saving scheme. The Interest on Group saving scheme might be on account of default in timely payment and the Interest on General Provident fund should be met from master trust fund. Please justify why these charges should be passed on to consumers?

Reply :- It is fact that interest on group saving scheme and interest on general provided fund paid to the retired employee in account of default in timely payment has been taken in accounts under the head of interest on loan and other finance charges, due to non-availability of fund from master trust BSP(H)CL on this account.

FY 2016-17

56. Table 57: As per the UDAY scheme the 75 % of outstanding debt as on 30.09.2015 is to be taken over by the Bihar Government but the same is not being reflected in the table, why?

Reply: - Table 57 represents the interest on normative debt as per the applicable BERC regulations. The petitioner submits that the effect of the UDAY Scheme on the performance of SBPDCL is linked to its implementation, and hence, the Commission may consider the impact of UDAY Scheme at the time of truing up for FY 2016-17.

FY 2017-18

57. Table 82: Why the effect of UDAY is not reflected in the calculation of interest on loan please clarify?

Reply: - Table 82 represents the interest on normative debt as per the applicable BERC regulations. The petitioner submits that the effect of the UDAY Scheme on the performance of SBPDCL is linked to its implementation, and hence, the Commission may consider the impact of UDAY Scheme at the time of truing up for FY 2017-18.

58. Table 83: Submit the calculation of inflationary index arrived and considered in the table.

Reply:-The inflationary index is actually an estimate for escalation in Finance charges over a period of one year.

G. Employee expenses

FY 2015-16

59. Table 21: The Commission believes that some of the employees are engaged in the capital works but no capitalization of the employee cost has been shown. Please justify.

Reply- The 5% capitalization of the assets' cost considering such assets to be used on the projects (creation of capital assets) is not correct. As most of the projects that were done in FY 2015-16 were on turnkey basis with minimum utilization from the employees of NBPCCL, therefore capitalization of expenses in not done. The expenses are claimed as actually incurred by the Discom on day to day activities of the employees.

FY 2016-17

60. (a)Table 46: Item wise actual expenses under Employee expenses of first six months may be furnished.

Reply: - Item wise actual expenses under Employee expenses of first six months is attached hereto and marked as ***Annexure-M***.

(b)Further, The Commission believes that some of the employees are engaged in the capital works but no capitalization of the employee cost has been shown. Please justify.

Reply-The 5% capitalization of the assets' cost considering such assets to be used on the projects (creation of capital assets) is not correct. As most of the projects that will be done in FY 2016-17 were on turnkey basis with minimum utilization from the employees of NBPCCL, therefore capitalization of expenses in not done. The expenses are claimed as actually incurred by the Discom on day to day activities of the employees.

H. R&M expenses

FY 2015-16

61. (a)Table 22: Detail of the expenses claimed towards Line Cable networks may be furnished with justification?

Reply-The repair and maintenance expenses towards lines and cables are expensed towards maintenance of lines and associated network, and the funds towards it is received as per the estimated provided by an engineer regarding requirement of repairs. Post the estimates requisition is sent to the stores department which is turn issues material for repairs of lines and cables.

(b)The Commission believes that some of the vehicles, furniture & fixtures and office equipment's are being utilized in capital works but no capitalization of the R&M expenses has been shown. Please clarify.

Reply:-The 5% capitalization of the assets' cost considering such assets to be used on the projects (creation of capital assets) is not correct. As most of the projects done in FY 2015-16 were on turnkey basis with minimum utilization from the employees of SBPCL, therefore capitalization of expenses in not done. The expenses are claimed as actually incurred by the Discom on day to day activities of the employees.

FY 2016-17

62. (a).Table 47: Item wise actual expenses under of first six months may be furnished.

Reply:- Item wise actual expenses under R&M of first six months is attached hereto and marked as *Annexure-N*.

(b)Further, the Commission believes that some of the vehicles, furniture & fixtures and office equipment's are being utilized in capital works but no capitalization of the R&M expenses has been shown. Please justify.

Reply-The 5% capitalization of the assets' cost considering such assets to be used on the projects (creation of capital assets) is not correct. As most of the projects that will be done in FY 2016-17 were on turnkey basis with minimum utilization from the employees of NBPCCL, therefore capitalization of expenses in not done. The expenses are claimed as actually incurred by the Discom on day to day activities of the employees.

FY 2017-18

63. Table 87: The Commission believes that some of the vehicles, furniture & fixtures and office equipment's are being utilized in capital works but no capitalization of the R&M expenses has been shown. Please justify.

Reply- The 5% capitalization of the assets' cost considering such assets to be used on the projects (creation of capital assets) is not correct. As most of the projects that will be done in FY 2017-18 were on turnkey basis with minimum utilization from the employees of NBPCL, therefore capitalization of expenses is not done. The expenses are claimed as actually incurred by the Discom on day to day activities of the employees.

I. A&G expenses

FY 2015-16

64. (a)Table 23: The Commission believes that some of the A&G expenses might have been spent on Capital works but as such no capitalization has been shown. Please justify.

Reply-The 5% capitalization of the assets' cost considering such assets to be used on the projects (creation of capital assets) is not correct. As most of the projects done in FY 2015-16 were on turnkey basis with minimum utilization from the employees of NBPCL, therefore capitalization of expenses is not done. The expenses are claimed as actually incurred by the Discom on day to day activities of the employees.

(b)Also details of expenses claimed under miscellaneous expenses has not been furnished. This may be furnished.

Reply-The miscellaneous expenses consists of nominal expenses that cannot be classified in any other head are booked under miscellaneous expenses head. The expenses booked under this head are of very nominal amount.

(c)Further a certificate is required that A&G expenses claimed in the table does not include any penal charges imposed by any court/law/authority/Commission under law.

Reply:-This is to certify that there is no any penal charges imposed by any court/law/authority/Commission under law included in A&G expenses claimed in table.

FY 2016-17

(a)Table 48: Actual six months expenses is required along with a certificate that no penal charges is included in the actual A&G expenses of first six months of FY 2016-17.

Reply:-This is to certify that there is no any penalcharges imposed by any court/law/authority/Commission under law included in A&G expenses claimed in table. Item wise actual expenses under A&G of first six months is attached hereto and marked as ***Annexure-O***.

(b)Further, the Commission believes that some of the A&G expenses might have been spent on Capital works but as such no capitalization has been shown. Please justify.

Reply-The 5% capitalization of the assets' cost considering such assets to be used on the projects (creation of capital assets) is not correct. As most of the projects that will be done in FY 2017-18 were on turnkey basis with minimum utilization from the employees of NBPCL, therefore capitalization of expenses is not done. The expenses are claimed as actually incurred by the Discom on day to day activities of the employees.

FY 2017-18

65. Table 88: The Commission believes that some of the A&G expenses might have been spent on Capital works but as such no capitalization has been shown. Please justify.

Reply-The 5% capitalization of the assets' cost considering such assets to be used on the projects (creation of capital assets) is not correct. As most of the projects that will be done in FY 2017-18 were on turnkey basis with minimum utilization from the employees of NBPCL, therefore capitalization of expenses is not done. The expenses are claimed as actually incurred by the Discom on day to day activities of the employees.

J. Holding Company expenses

FY 2016-17

66. Para 4.12.18: Actual six months expenses towards Holding company expenses may be furnished.

Reply:-Actual six months expenses towards Holding company expenses is attached hereto and marked as *Annexure-P*

K. Interest on Working Capital

67. Para 4.16.4: In support of the Government subsidy mentioned in the para letter of the State Government may be furnished.

Reply:-The Petitioner would like to submit that it has arrived at the working capital requirement according to the applicable norms for Distribution function as provided in the clause 26 of BERC (Terms and Conditions of Tariff) Regulations, 2007, the calculation for which has been captured in the table provided in the petition. The Government assistance for power purchase is calculated for 2 months as prescribed in the said regulations notified by the Hon'ble Commission. Therefore, the calculations of interest on working capital are done complying with the relevant regulations.

68. Para 4.16.7: Details of the short term loans mentioned in the para 4.16.7 may be furnished.

Reply:-Details of the short term loans mentioned in the Para 4.16.7 is attached hereto and marked as *Annexure-Q*.

L. Prior Period Income/expenses

FY 2015-16

69. Table 29: Period wise detail of prior period sale of power including corresponding correction in sales, prior period power purchase expenses and Other charges related to previous year claimed in the table may furnished indicating the period for which the amounts relates to, reasons for withdrawal of sale of power, etc.

Reply: - Regarding prior period power purchase cost all details have been submitted along with the tariff petition.

For prior period bill adjustments - normally in case of a billing dispute, a consumer files its complaint in the concerned Supply Division office immediately and the complainant gets its corrected bills. In very few cases, the consumer lodges its complaint after one or more years. Further, it may also be noted that in FY 2013-14 and 2014-15 since Feb 2014, the billing software under R-APDRP Part-A has been implemented and since Nov'2015 NIC billing software was implemented for non RAPDRP areas which has resulted in several billing errors. Therefore most of the cases of bill adjustments of prior period are of post BSEB period, and relate to the SBPDCL period. It is also crucial to mention that neither the Statutory Auditor nor the Documentary Auditor, who have undertaken detailed audits, have raised any objections/remarks on such amount pertaining to the expenditure /income in the books of accounts.

Regarding the details of the doubtful debts adjustment in future and as to why the prior period sale is not reduced the explanation is as under:-

Provision for doubtful debt is made in the accounts as indicated under Q of note (i) i.e. significant accounting policies of the company to the financial statement for the year end date 31.03.2016. The same is reproduced here as ready reference:-

“As per practice in the previous year, a provision for bad and doubtful debts is made against amount of arrears, i. e. Sundry Debtors excluding the arrears with Govt. Departments/Undertaking and also four months average assessment in case of other Consumers.”

M. Revenue from sale of energy

FY 2016-17

70. (a) Table 60: Six months actual figures of category wise sales and revenue billed pertaining to each DF area in the format provided as Annexure XII (vide letter no 1366 dated 18.10.2016) may be furnished.

Reply: -Already explain and data provided in forgoing paras.

- (b) Projection of sales and revenue in the Annexure XII of entire license area of SBPDCL (including DF area) for FY 2016-17 may be furnished.

Reply:-Annexure-XII provided by the Commission is for six months data i.e till Sep'16.The projections for the entire year of FY 2016-17 is furnished in the petition.

- (c) Projection of sales and revenue in the Annexure XII of each DF area of for FY 2016-17 may be furnished separately.

Reply: -Already explain and data provided in forgoing pares.

71. Revenue Computation for FY 2016-17 – Format – 30(A): The revenue computation for current year (FY 2016-17), for ensuing year (FY 2017-18) with existing tariff may be provided in two separate excel sheets. Further the Excel Sheets may be provided by providing formulas just like used in Format – 30 (B) without referring to any link document for easy verification.

Reply- The format 30(A) is presented as prescribed by the Commission

72. The link document used in the Format - 1 to 36 may be provided.
Reply- The link documents used in Format 1-36 are linked through audited accounts and our input data only.

FY 2017-18

73. The projection of revenue from sale of energy in the format annexed as Annexure XII in the letter communicated by the Commission vide letter no 1366 dated 18.10.2016 for the of SBPDCL to be provided.

Reply: -The projection of revenue solely depends on the sales projected. The sales are projected on the basis of CAGR for each category.

74. (a) The projection of revenue from sale of energy in the format annexed as Annexure XII in the letter communicated by the Commission vide letter no 1366 dated 18.10.2016 for each DF area to be filed separately.

Reply:-This is furnished as per the format prescribed by the Commission along with the petition

N. RPO Deposits

FY 2015-16

75. (a) Cost of REC certificate is shown as Rs. 103.46 Cr in Table -10, whereas the same is shown as Rs. 175.44 Cr in Table - 30 and Table - 33.

Reply-It is to clarify that cost of REC shown Rs. 103.46 Crore in table 10 is amount related for FY 2015-16 only whereas amount shown in table no. 13 amounting Rs. 175.44 Crore related to FY 2015-16 and short provision made in earlier Financial year in this head. As details below:-

SL. No.	FY	SOLAR (in Crore)	NON-SOLAR (in Crore)	Total
1	2013-14	13.00	24.46	37.46
2.	2014-15	15.40	28.02	43.42
3.	2015-16			94.56
Total :-				175.44

(b)Further, as per the RPO regulation, in case of non-purchase of renewable power, the obligation has to meet through purchase of REC else deposit against RPO has to be made in separate account@ forbearance price which is higher than floor price. During FY 2015-16, RECs were available at floor price but not purchased. Justification be given why not the differential amount be borne by SBPDCL.

Reply-DISCOM is going to purchase REC on floor price by end of March' 17.

Non-Tariff Income

FY 2015-16

76. Table 31: The income claimed in the table does not include income towards Delayed Payment Surcharge (DPS) whereas the audited account shows income from DPS is Rs.50.73 crore. Why the income towards DPS has not been considered in the table 31 of the petition this may be clarified.

Reply: -Delayed payment surcharge is not accounted for in ARR of the Discom as an other income as this is due to delayed payment by the consumers, the benefit of which cannot be pass on to the consumers. Therefore this is not accounted for while computing ARR.

FY 2016-17

77. Table 56: Six months actual Non-tariff income along with unaudited half yearly account may be furnished.

Reply: -The Commission may refer *Annexure-R* for details regarding this point.

ARR and Revenue Gap/surplus

FY 2015-16

78. (a). Provision of Rs 2043.79 crore has been made in the audited account for doubtful dues from consumers. Has it been duly written off please explain?

Reply: -Provision of Rs. 2043.79 Crore has been made against doubtful debts from the consumers, which will be retaining off very soon perhaps next Financial Year after verification of consumer ledger.

FY 2017-18

79. Para 5.28.5: Road map for recovery of proposed regulatory asset may be provided.

Note: It is stated in the petition that regulatory asset can be passed on to utilities in three years.

Reply-The Discom has proposed regulatory assets to be created by the Commission to prevent tariff shock to the consumers. This regulatory asset comprises of the unrecovered gap of the previous years. This gap was not passed on to the Discoms on timely basis.

Therefore, it is requested to the Hon'ble Commission to allow the unrecovered gap to the Discoms.

80. The Discoms have disowned the past surpluses in the tariff petition citing that no such surplus existing in their transfer scheme. This point has been raised for the first time in the tariff petition of 2017-18 and it has been found mentioned in APTEL's remand order dated 25.11.2016 also. It is an admitted fact that surplus in question is a result of true up orders of various years till FY 2012-13. From records it is found that the Discoms have not raised this issue before the filing of tariff petition for FY 2017-18. However, they have raised the issue of carrying/holding cost only on the surplus in the review petition filed against true up order of 2013-14 in Commission's case no. 18/2015. The Commission would like to know from the Discoms the reason for not raising the issue and basis for not accepting this surplus despite having brought to their knowledge in the past.

Reply:- The Commission has issued true up orders for FY 2006-07 to FY 2011-12 for BSEB and the summary of the true up orders is as detailed below:

Year	Particulars	Amount
2006-07	Revenue gap/(surplus)	7.23
2007-08	Revenue gap/(surplus)	86.56
2008-09	Revenue gap/(surplus)	123.41
2009-10	Revenue gap/(surplus)	274.67
2010-11	Revenue gap/(surplus)	(639.93)
2011-12	Revenue gap/(surplus)	(149.94)
	Total	(298.00)

The table above clearly depicts that the surplus for BSEB period was INR 298 Crore.

The Commission issued truing up order for FY 2012-13 for BSPHCL and the truing up has resulted in a revenue surplus of Rs.801.51 Crore which is mostly for the period up to oct-2012 i.e. BSEB period.

Subsequently, the Hon'ble Commission issued the true up order for FY 2012-13 for BSPHCL, dt. 28.02.2014, through which the Hon'ble

Commission estimated and approved a revenue surplus of INR 801.51 Crore. This was against the revenue gap of INR 228.87 Crore estimated and filed by BSPHCL in its true-up petition for FY 2012-13, based on the actual audited accounts. This revenue surplus arose due to disallowance of legitimate costs by the Commission in FY 2012-13 such as Depreciation, Return on equity, Prior period expenses, Interest and Finance charges etc and non-adjustment of disallowed power from the subsidy received from the state govt. before passing on to the subsidized category of consumer. Also it is pertinent to note that BSPHCL has filed true up for FY 2012-13 on behalf of Generation, Transmission and distribution utilities.

As a result of the above, the Hon'ble Commission in its Tariff Order for FY 2015-16 estimated the following surplus for both the Discoms available for carry forward to the ARR in FY 2015-16.

Sr. No.	Particulars	Amount (INR Crore)
i.	Net Gap / (Surplus) considered based on true-up for FY 2006-07 to FY 2011-12	(298.00)
ii.	Add: Recovery of revenue Gap / (Surplus) of FY 2012-13	(801.51)
iii.	Add: Carrying cost on revenue Gap / (Surplus) of FY 2012-13 (for 1 year)	(115.82)
iv.	Total Revenue Gap / (Surplus) available for recovery upto 2012-13	(1215.33)

Sr. No.	Particulars	Amount (INR Crore)
v.	Consolidated net Revenue Gap / (Surplus) for FY 2013-14 of Discoms	307.67
vi.	Net revenue Gap / (Surplus) available for carry forward to ARR in FY 2015-16	(907.66)
vii.	Carrying cost for FY 2014-15 (SBI PLR @ 14.75%) for 1 year	(133.88)
viii.	Carrying cost for FY 2015-16 (SBI PLR @ 14.75%) for 1/2 year	(66.94)
ix.	Total surplus with Carrying cost available for recovery in ARR for FY 2015-16	(1108.48)

It is however pertinent to note that the above surplus was calculated as a result of disallowance of actual costs as per the audited books of accounts in FY 2012-13. Therefore this surplus amount was only notional as this was incurred as a part of the actual costs by the two Discoms. Consequently there was no cash available or passed on to the two Distribution Licensees in their opening books of accounts. As a side note, it is also to be mentioned that the true-up petition filed by BSPHCL was on account of all the three businesses namely, power generation, transmission and distribution.

It is a fact act the assets transferred and vested with the DISCOMs by the State Govt. through the transfer scheme dated-30.10.2012 included receivables from consumers. Similarly, liabilities were also vested with the DISCOMs to the extent of such assets without any gap/surplus. The receivables from consumers are not billed again and the amount, if any collected, directly reduces the receivables without affecting the Profit & Loss Account, and as such the question of billing at a higher tariff does not arise. It is relevant to mention that the surplus declared by the Hon'ble Commission was due to disallowance of expenditure to the extent of that surplus from the ARR of the erstwhile BSEB and the same was not passed on to DISCOMs by the State Govt., a copy of the opening Balance Sheet along with FRP has already been submitted for the Hon'ble Commission's reference. The passage of such notional surplus to the DISCOMs has created a deficit of such amount with DISCOMs which can't be adjusted from the receivables of the consumers for the period of BSEB.

In any event, no such surplus or cash benefit whatsoever has been passed on the SBPDCL. It is therefore prayed to the Hon'ble Commission to eliminate the surplus of INR 801.51 Crore.

81. Release of Subsidy from State Govt for FY 2015-16.

Finance Department, Govt. of Bihar vide its letter no. 330 dated 08.03.2016 have confirmed that the State Govt. would release 4900 crores, whereas the true up of tariff petition of the Discoms indicate that 4390.36 crores (NBPDC: 2811.16 cr. + SBPDCL: 1579.20 crores only) have been released.

Copies of letters from Govt. of Bihar, realizing subsidy amounts during FY 2015-16 and during FY 2016-17.

If actual subsidy received is only Rs. 4390.36 crores in FY 2015-16, any correspondence made with Govt of Bihar for release of balance subsidy may be explained.

Reply: -The below table clearly depicts the breakup of subsidy amount of Rs 4900 Crore released and by the Government. The letter of correspondence made by the Government is annexed as **Annexure-Y**,

Reconciliation between Amount claimed as Subsidy from GoB by DISCOMs and BERC

(Rs. in Crore)					
Sl.No.	Letter No.	Date	Amount	NBPDC	SBPDCL
1	1207	16.04.15	1166.00	560.70	605.30
2	1597	10.06.15	2334.00	921.46	1412.54
3	23	06.01.16	1200.00	473.76	726.24
4	463	17.02.16	200.00	78.96	121.04
Total			4900.00	2034.88	2865.12
Less Share of amount sanction vide letter no.-864 dated 18.03.15 amounting to Rs. 194.18 on account of subsidy received during FY 2015-16 has already been accounted for in the FY 2014-15 on accrual basis.			194.18	194.18	0.00
Balance			4705.82	1840.70	2865.12
Less Amount received from GoB amounting to Rs. 315.46 crore towards dues against Energy Bill receivable from Minor Irrigation GoB included in letter no.-1207 dated 16.04.15 (Ref. letter no.-864 dated 18.03.15)			315.46	261.50	53.96
Net Balance as per Accounts			4390.36	1579.20	2811.16

In the light of the above explanation it is evident that the entire subsidy committed by State Government is clearly bifurcated.

Therefore, the Hon'ble Commission is requested to consider the above reconciliation for their further calculations.

O. **Other Miscellaneous points**

82. Terms and conditions for Low Tension Tariff(Demand based tariff):It is submitted that capping of minimum 1kW demand shall not apply to consumers having load upto 0.5kW. But no projection of such NDS consumers having load upto 0.5kW has been filed in the petition. This may be explained.

Reply:-As the proposed categories have been restructured and the slabs were removed from the proposed structure, therefore the projections of consumers having connected Load of 0.5kW is not done. This is applicable as per connections received in the future.

83. (a) Rebate for prompt payment: To substantiate the proposal please submit estimated impact on revenue collection on proposed rate of rebate vis-à-vis existing tariff.

Reply:-This proposal is to promote the collection of bill on timely basis by the consumers. The consumers will be able to motivate their electricity bills on time when they will be given some incentive for that. Therefore it is imperative to implement this proposal in order to increase collection efficiency of the Discoms. The revenue collections shall be deducted by 1.5 % (excluding ED, Arrears etc). Therefore it is requested to the Hon'ble Commission to accept the proposal.

- (b) Rebate for online payment: To substantiate the proposal please submit estimated impact on revenue collection on proposed rate of rebate vis-à-vis existing tariff.

Reply:-To promote online payment Discom have introduced various payment channels like bill desk, paytm, payU etc. The Discom has total of 700955 transactions of online payment from Apr'16 to Dec'16. The total collection during this period amount to INR 139.31 Crore. Rebate is proposed for online payment so that consumers are motivated to pay through online channels which helps in reducing the administrative work of the Discom and accurate record of transactions. The letter in this regard is annexed as *Annexure-S*.

84. Terms and conditions for Low Tension Tariff (Uninterrupted DC): In support of the submissions made in the para please furnish the detailed report with schematic diagram and cost incur.

Reply: - For detailed report with schematic diagram and cost, the detailed document is attached hereto and marked as *Annexure-T*

85. Interest on consumer's Security deposit: Proposal for initial security deposit for HTSS consumers are not clear, please give clear proposal.

Reply-For HTSS consumer the formula for calculation of initial security deposit as below-
(Contract demand*260*energy charge per unit)*2 + (Contract demand* Demand Charge per KVA)*2

86. **Audited accounts for FY 2015-16:**

- a. As per the audited accounts for FY 2015-16, the equity received and pending allotment is at Rs.1358,05,59,006/-. Details may be furnished along with documentary evidence. In Annexure-XI (A) of the petition Capex and capitalization statement, the equity is shown at Rs.772.36 crore. Reasons for difference may be furnished.

Reply:-The equity shown in capitalization schedule cannot be compared with the equity addition as it is not necessary that the entire amount received through equity is invested in capitalization of assets. The details of ledger is attached hereto and marked as *Annexure-U*.

- b. Party-wise/agency-wise details for the Deposits for electrification, service connection (Rs.1280.24 crore) (Note 6) for high value works may be furnished.

Reply: - The details of ledger is attached hereto and marked as *Annexure-V*.

- c. Details for the deposits and retentions from suppliers and contractors (Rs.510.35 cr) for high value deposits may be furnished.

Reply: - The details of ledger is attached hereto and marked as *Annexure-W*.

- d. R&M of Plant & Machinery of Rs.14.62 crore, Lines and cable network of Rs.51.04 crore claimed for FY 2015-16: It may be confirmed that cost of new equipment is not included in R&M expenses.

Reply:-The R&M expenses are claimed as per the generally accepted accounting principles wherein cost of new equipment which is actually to be capitalizes cannot be claimed as an expense. Discom has followed this principle while finalizing the accounts.

- e. Prior Period (expenses)/Income (Table 29 of the Petition): Year-wise break up for the DPS withdrawal of Rs.266.73 Crore and Sale of Power Rs.16.30 Crore may be furnished indicating the period for which the amounts relates to. Further, details for other charges Rs.3.51 Crore may also be furnished.

Reply: -The details of ledger shall be submitted soon.

- f. Details of other Bank charges Rs.3.24 Crore in Table – 20 may be furnished giving details of bank collection charges, etc.

Reply: -The details of ledger is attached hereto and marked as *Annexure-X*.

- g. Trial balance for 1st half year i.e. from 01.04.2016 to 30.09.2016 showing all the P&L and balance sheet head of accounts may be furnished.

Reply: -Discoms cannot extract the trial balance in the mid of the year. As the Discoms have provided the information of six months of the current year, therefore the Hon'ble Commission is requested to refer the same.

- h. Trial balance for the period from 1.04.2016 to 31.12.2016 showing all the P&L and balance sheet head of accounts may be furnished.

Reply: -Discoms cannot extract the trial balance in the mid of the year. As the Discoms have provided the information of six months of the current year, therefore the Hon'ble Commission is requested to refer the same.

