

ANNEXURE - 1

CATEGORY WISE AVERAGE REVENUE REALIZATION (T)

(Tariff payable by relevant category of consumers)

Particulars	Sales (MU)			Revenue (Rs. Cr)			Avg. Revenue Realization (Rs./kWh)		
	NPDCCL	SPDCL	Total	NPDCCL	SPDCL	Total	NPDCCL	SPDCL	Total
HT Category at 11 kV									
HT-1(A) Industry General	564.24	3036.43	3600.67	455.80	2452.33	2908.13	8.0763	8.0763	8.0766
HT-2 Others	100.40	1233.61	1334.00	92.55	1231.98	1324.53	9.2185	9.9868	9.9290
HT-3 Airports, Bus & Rly Stns.	8.63	4.81	13.44	7.45	5.84	13.29	8.6281	12.1496	9.8877
HT Category at 33 kV									
HT-1(A) Industry General	173.49	5071.48	5244.97	122.33	3449.57	3571.90	7.0510	6.8019	6.8101
HT-2 Others	9.74	599.35	609.09	10.22	522.96	533.18	10.4838	8.7255	8.7536
HT Category at 132 kV									
HT-1(A) Industry General	585.96	2160.55	2746.51	363.82	1362.85	1726.67	6.2089	6.3079	6.2868
HT-2 Others	1.74	72.63	74.36	2.05	64.64	66.70	11.8289	8.9005	8.9688
HT-3 Airports, Bus & Rly Stns.	0.00	63.95	63.95	0.00	44.07	44.07	0.0000	6.8909	6.8909
HT-5 Railway Traction	470.83	200.42	671.25	320.16	136.29	456.45	6.8000	6.8000	6.8000
Note: Category wise Sales and Revenue have been considered as approved in Retail Supply Tariff order for FY 2015-16.									

ANNEXURE - 2

WEIGHTED AVERAGE COST OF POWER PURCHASE OF TOP 5% AT THE MARGIN EXCLUDING LIQUID FUEL BASED GENERATION AND RENEWABLE POWER (C)

Station	Avg. Cost	Total Despatch	NPDCL	SPDCL
	Rs./kWh	MU	MU	MU
Total Hydro	1.85	4037.64	1189.08	2848.55
NPC-MAPS	2.14	132.13	38.91	93.21
Talcher Stage 2	2.21	1371.46	403.90	967.57
Stage-II	2.81	618.86	182.25	436.60
Stage-I	2.85	322.88	95.09	227.79
KTPS D	2.99	1766.97	520.37	1246.60
NPC-Kaiga unit I	3.03	419.45	123.53	295.92
NTPC (SR)	3.04	2183.36	643.00	1540.36
BSES	3.14	250.65	73.82	176.84
NPC-Kaiga unit II	3.17	444.79	130.99	313.80
APGPCL II - Allocated Capacity	3.26	72.55	21.36	51.18
Vallur Thermal Power Plant	3.32	612.33	180.33	432.00
RTS B	3.53	219.38	64.61	154.77
NTPC (SR) Stage III	3.54	559.33	164.72	394.61
Kakatiya Thermal Power Plant Stage II	3.56	2269.33	668.32	1601.02
Thermal Power	3.59	1990.99	586.35	1404.64
NTPCSimhadri Stage I	3.63	3718.97	1095.24	2623.74
KTPS C	3.63	832.85	245.27	587.58
KTPS A	3.64	824.03	242.68	581.35
Kondapalli (Gas)	3.65	536.17	157.90	378.27
KTPS B	3.67	788.78	232.30	556.48
APGPCL I - Allocated Capacity	3.79	19.34	5.70	13.64

NPDCL	SPDCL
PP Cost	PP Cost
Rs. Cr	Rs. Cr
219.62	526.12
8.31	19.92
89.09	213.43
51.16	122.57
27.14	65.02
155.52	372.55
37.38	89.55
195.40	468.09
23.21	55.59
41.55	99.54
6.96	16.67
59.81	143.28
22.78	54.58
58.30	139.67
237.90	569.92
210.40	504.03
397.16	951.43
88.98	213.16
88.26	211.42
57.70	138.22
85.36	204.50
2.16	5.17

Station	Avg. Cost	Total Despatch	NPDCL	SPDCL
	Rs./kWh	MU	MU	MU
KSK Mahanadi (MT)	3.88	1570.60	462.54	1108.06
VTPS I	3.98	1053.25	310.18	743.07
Kakatiya Thermal Power Plant Stage I	3.99	1910.01	562.50	1347.51
VTPS II	4.00	1039.77	306.21	733.56
Spectrum	4.04	499.18	147.01	352.17
Hinduja	4.04	3652.74	1075.73	2577.01
VTPS III	4.10	928.14	273.34	654.80
VTPS IV	4.32	1938.65	570.93	1367.72
NTPCSimhadri Stage II	4.32	1656.25	487.77	1168.48
Tuticorn	4.74	841.31	247.77	593.54
KTPS Stage VI	4.75	1565.10	460.92	1104.18
RTPP Stage-II	4.76	324.20	95.48	228.72
GVK	4.85	126.86	37.36	89.50
DamodaramSanjeevaiah Thermal power plant – I	5.06	2824.91	831.93	1992.97
DamodaramSanjeevaiah Thermal power plant – II	5.06	2824.91	178.68	2646.22
Total		46748.11	13114.07	33634.04
5% top Margin Purchase Required		2337.41	655.70	1681.70
Attributable price per Unit for 5% Top Margin Purchases as per NTP				

NPDCL	SPDCL
PP Cost	PP Cost
Rs. Cr	Rs. Cr
179.61	430.27
123.57	296.02
224.59	538.03
122.33	293.06
59.38	142.26
434.68	1041.32
112.13	268.61
246.55	590.64
210.90	505.23
117.43	281.32
219.03	524.72
45.46	108.90
18.11	43.39
420.78	1008.00
90.38	1338.41
4789.10	12594.61
331.64	850.57
5.0578	5.0578

Note: Power purchase cost is considered as approved in Retail Supply Tariff order for FY 2015-16.

ANNEXURE - 3

SYSTEM LOSSES FOR THE APPLICABLE VOLTAGE LEVEL IN % (L)

Voltage level	TSSPDCL	TSNPDCL
132 kV	4.02	4.02
Upto 33 kV	7.85	7.86
Upto 11kV	12.46	11.78
Note: System losses up to each voltage level is calculated based on the wheeling losses and transmission losses approved in Wheeling MYT order for 3 rd control period, dated 27-03-2015 and Transmission Tariff Order for 3 rd control period, dated 09-05-2014		

ANNEXURE - 4

WHEELING CHARGES (D)

Table 1

Wheeling Charges

Voltage	NPDCL	SPDCL
	Rs./kW/month	
132 kV	76.66	76.66
	Rs./kVA/month	
33 kV	13.74	15.71
	Rs./kVA/month	
11 kV	259.09	173.97

Table 2

Wheeling Charge conversion to Rs./kWh

Voltage	NPDCL	SPDCL
	Rs./kWh	
132 kV	0.11	0.11
	Rs./kWh	
33 kV	0.02	0.02
	Rs./kWh	
11 kV	0.34	0.23

Note: Wheeling charges and transmission charges are considered as approved in Wheeling MYT order for 3rd control period, dated 27-03-2015 and Transmission Tariff Order for 3rd control period, dated 09-05-2014.