

Appendix-1(a)

Format for the Day-ahead Wheeling Schedule for each 15-minute time block of the day

Date:

Declared capacity of the day

Name of the Generator:

Address of the Generating Station:

Entry point voltages:

<u>Time block</u>	<u>Available Capacity</u>

DISCOM	Name of the consumer	Voltage level of exit point	Time Blocks	Allocated capacity at Entry point Kw	Net capacity at Exit point Kw

Any other information to be provided:

Signature of the OA Generator
/ScheduledConsumer/OA Consumer

Note: An example each for computation of Net Capacity at Exit point is given in Appendix-1(b) and examples for settlement are given in Appendix-2

APPENDIX – 1 (b)

Computation of Net capacity at the Exit point

Date:

Declared capacity for the day

Name of the Generator: Z in SPDCL

Time block

Available Capacity

Entry point voltage: 132 kV

DISCOM	Name of the consumer	Voltage level of Exit point	Time Blocks	Allocated capacity at Entry point kW	Net capacity at Exit point kW
SPDCL	1. Sch. Consr.	11 kV	1 to 96	1,000	830.80
	2. Sch. Consr.	132 kV	1 to 96	2,000	1900.00
	3. OA Consr.	33 kV	1 to 96	1,000	893.40
Total for SPDCL					
CPDCL	1. Sch. Consr.	11 kV	1 to 96	1,000	827.20
	2. Sch. Consr.	33 kV	1 to 96	3,000	2676.60
	3. OA Consr.	132 kV	1 to 96	5,000	4750.00
Total for CPDCL					
NPDCL	1. Sch. Consr.	11 kV	1 to 96	1,000	821.00
	2. OA Consr.	33 kV	1 to 96	2,000	1778.60
Total for NPDCL					
EPDCL	1. Sch. Consr.	11 kV	1 to 96	1,000	818.90
	2. OA Consr.	33 kV	1 to 96	3,000	2636.70
Total for EPDCL					
Grand Total				20,000	17983.20

N.B.: In the Table above, the following loss levels have been taken into consideration, sourced from the Commission's Tariff Order for FY 2005-06. The loss levels of corresponding FY as per the Tariff Order of the Commission for the relevant year should be taken for computation of the net capacity at exit point.:

Transmission losses = 5%

Distribution losses up to the Voltage level of exit point (Percentage)

Voltage	SPDCL	CPDCL	NPDCL	EPDCL
33 kV	5.66	5.78	6.07	7.11
11 kV	11.92	12.28	12.90	13.11
LT	20.44	20.50	23.05	21.30

Example for calculation of Losses: OA Consumer 3 of SPDCL

→ 132 kV + Losses up to 33 kV → (5+5.66=10.66%) → 1000 X 10.66/100 = 106.60 kW

APPENDIX – 2

(A). Where Generator is Generating at the level of Scheduled Capacity:

(kW)

DISCOM	Consumer	Sch. Cap at Exit Point	Recorded consumption	Accountable to Generator	Accountable to DISCOM	Deviation at Exit point
SPDCL	1. Sch. Consr.	830.80	1000	830.80	169.20	Nil
	2. Sch. Consr.	1900.00	2000	1900.00	100.00	Nil
	3. OA Consr.	893.40	1200	893.40	306.60	306.60
CPDCL	4. Sch. Consr.	827.20	600	600.00	0.00	(-) 227.70
	5. Sch. Consr.	2676.60	3000	2676.60	323.40	Nil
	6. OA Consr.	4750.00	4000	4000.00	0.00	(-) 750.00
NPDCL	7. Sch. Consr.	821.00	1100	821.00	279.00	Nil
	8. OA Consr.	1778.60	1900	1778.60	121.40	121.40
EPDCL	9. Sch. Consr.	818.90	1200	818.90	381.10	Nil
	10. OA Consr.	2636.70	2500	2500.00	0.00	(-) 163.30

(B). Where Generator is under Generating w.r.t Scheduled Capacity:

Scheduled capacity = 20,000 kW Actual capacity = 18,000 kW

(kW)

Consumer	Sch. Cap at Entry Point	Sch. Cap at Exit Point	Actual capacity at Entry point	Actual capacity at Exit point	Recorded consumption	Deviation
1. Sch. Consr.	1000	830.80	900	747.72	1000	83.08
2. Sch. Consr.	2000	1900.00	1800	1710.00	2000	190.00
3. OA Consr.	1000	893.40	900	804.06	1200	395.94
4. Sch. Consr.	1000	827.20	900	744.48	600	(-) 144.48
5. Sch. Consr.	3000	2676.60	2700	2408.94	3000	267.66
6. OA Consr.	5000	4750.00	4500	4275.00	4000	(-) 275.00
7. Sch. Consr.	1000	821.00	900	738.98	1100	82.10
8. OA Consr.	2000	1778.60	1800	1600.74	1900	299.26
9. Sch. Consr.	1000	818.90	900	737.01	1200	81.89
10. OA Consr.	3000	2636.70	2700	2373.03	2500	126.97