

Computation of Qpp and Qrs

S No.	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	Q_1	3008530320	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations	Q_2	107114527	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations	Q_3	10007375	KwH
4	Quantum of scheduled power purchased from CGs	Q_4	1848327954	KwH
5	PGCIL actual losses for the bi-monthly period	L1	3.61%	
6	Quantum of scheduled power purchased from CGs at state periphery	$Q_5=Q_4(1-L1)$	1781603315	KwH
7	Quantum of actual power purchased from Renewable energy Sources	Q_6	185845523	KwH
8	Quantum of actual short term and long term power purchased from State IPPs and CGPs	Q_7	0	KwH
9	Quantum of scheduled short term purchased through inter-state route	Q_8	101010018	KwH
10	Quantum of scheduled short term purchased through inter-state route at the State periphery	$Q_9=Q_8(1-L1)$	97363556	KwH
11	Quantum of power purchased from other Sources(if any)	Q_{10}	346309138	KwH
12	Total Quantum of power purchased	$Q_{pp}=Q_1+Q_2+Q_3+Q_5+Q_6+Q_7+Q_9+Q_{10}$	5536773754	KwH
13	Normative transmission and distribution losses as specified in th Tariff order	L	21.11%	
14	Quantum of power scheduled for interstate sale	Q_{PT}	768641810	KwH
15	Quantum of power purchased for sale to retail consumers of the State	$Q_{RS}=Q_{pp}-Q_{PT}$	4768131944	KwH

W Singh

Computation of CHPP

1	Scheduled energy purchased from CGs during third bi-monthly period	MU	1636573028	
2	Amount paid against units purchased	Rs.	3947894412	
	Average rate of power purchase	Rs/Kwh	2.41	
3	Average rate of Power Purchase as per Tariff Order	Rs/Kwh	3.71	
4	Difference in the average rate of PP	Rs/Kwh	-1.3	
5	CHPP(Change in the cost of power purchased from CGs)	Rs.	-2127544936	

Computation of VCA

Sno.	Particulars			
1	CHFC		Rs	34191797
2	CHPP		Rs	-2127544936
3	Gross VCA(sub total in Rs.)	CHFC+CHPP	Rs	-2093353139
4	Allowable VCA(in Rs.)	Gross VCA(in Rs.) $\times \frac{Q_{rs}}{Q_{pp}}$	Rs	-1802743695
5	Allowable VCA(in Rs/Kwh)	Allowable VCA(in Rs.)/[Qrs*(1-L)]	Rs/Kwh	-0.48

MS