



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

Profit & Loss Account

Form S -1

Amounts in Cr Rs.

S. No.	Particulars	Reference Form	As per Regulation			As per MPPGCL Proposal			In Case MPPGCL's Request is not Considered		
			FY 10	FY 11	FY 12	FY 10	FY 11	FY 12	FY 10	FY 11	FY 12
			Proposed	Proposed	Proposed	Proposed	Proposed	Proposed	Expected	Expected	Expected
<i>Generation</i>											
1	Gross Generation in MU		21339.84	21445.18	21623.26	16637.02	20451.14	20668.44	21339.84	21445.18	21623.26
2	Auxiliary Consumption in MU		1516.50	1511.33	1512.32	1391.57	1354.86	1596.19	1516.50	1511.33	1512.32
3	Auxiliary Consumption in %		7.11%	7.05%	6.99%	8.36%	6.62%	7.72%	7.11%	7.05%	6.99%
4	Net Generation in MU		19823.34	19933.85	20110.94	15245.45	19096.28	19072.25	19823.34	19933.85	20110.94
5	Pooled Cost of Generation in p/u		193	191	188	252	210	211	193	191	188

<i>Revenue</i>											
6	Revenue From Sale of Power		3826.83	3802.13	3790.87	3836.30	4010.53	4030.78	2954.90	3420.72	3366.02
7	Revenue Subsidies										
8	Total Revenue or Income		3826.83	3802.13	3790.87	3836.30	4010.53	4030.78	2954.90	3420.72	3366.02
<i>Expenditure</i>											
9	Coal Cost (Variable Charges)		2019.45	2002.49	1992.29	1967.68	2160.23	2174.58	2019.45	2002.49	1992.29
10	O&M Charges		456.26	484.23	513.72	456.26	484.23	513.72	456.26	484.23	513.72
11	Cost of Secondary Oil		100.95	94.23	91.64	177.80	138.08	138.89	100.95	94.23	91.64
12	Compensation Allowance		11.09	11.09	11.09	11.09	11.09	11.09	11.09	11.09	11.09
13	Special Allowance		15.63	16.52	17.46	15.63	16.52	17.46	15.63	16.52	17.46
14	Other Charges		68.35	69.56	70.83	51.83	67.99	71.67	68.35	69.56	70.83
15	SubTotal		2671.72	2678.11	2697.04	2680.28	2878.14	2927.42	2671.72	2678.11	2697.04
16	Profit Before Interst, Dep. & Tax (PBDIT)		1155.10	1124.02	1093.83	1156.02	1132.39	1103.36	283.17	742.61	668.98
17	Depreciation		300.46	297.95	294.96	300.46	297.95	294.96	300.46	297.95	294.96
18	Profit Before Interst, & Tax (PBIT)		854.65	826.07	798.87	855.56	834.44	808.40	-17.28	444.66	374.01
19	Interest +Interest on Work Capital		349.92	321.34	294.14	350.84	329.71	303.67	349.92	321.34	294.14
20	Profir / Loss After Tax		504.73	504.73	504.73	504.73	504.73	504.73	-367.20	123.31	79.87



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

Annual Revenue Requirement

Form S - 2

Amount in Rs. Cr.

S. No.	Particulars	Reference Form	As per Regulation			As per MPPGCL Proposal		
			FY 10	FY 11	FY 12	FY 10	FY 11	FY 12
			Proposed	Proposed	Proposed	Proposed	Proposed	Proposed
1	Coal Cost (Variable Charges)		2019.45	2002.49	1992.29	1967.68	2160.23	2174.58
2	Reasonable Return		504.73	504.73	504.73	504.73	504.73	504.73
3	Interest and Finance Charges		213.61	185.08	157.39	213.61	185.08	157.39
4	Depreciation		300.46	297.95	294.96	300.46	297.95	294.96
5	O&M Charges		456.26	484.23	513.72	456.26	484.23	513.72
6	Interest on Working Capital		136.31	136.26	136.75	137.23	144.63	146.27
7	Cost of Secondary Oil		100.95	94.23	91.64	177.80	138.08	138.89
8	Compensation Allowance		11.09	11.09	11.09	11.09	11.09	11.09
9	Special Allowance		15.63	16.52	17.46	15.63	16.52	17.46
10	Total Fixed Cost		3758.47	3732.58	3720.04	3784.47	3942.54	3959.10
11	Water Charges		37.11	38.36	39.63	21.83	38.36	39.63
12	Cess On Auxiliary Consumption		15.17	15.11	15.12	13.92	13.55	15.96
13	MPERC Fee		1.45	1.45	1.45	1.45	1.45	1.45
14	Share of Common Expenses of MPSEB		14.63	14.63	14.63	14.63	14.63	14.63
15	Total Other Charges		68.35	69.56	70.83	51.83	67.99	71.67
16	Annual Revenue Requirement		3826.83	3802.13	3790.87	3836.30	4010.53	4030.78



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation Generation Cost for FY 10
Form F1 - 10 MPERC

S. No	Particulars	Installed Capacity			Net Generation from 100% Installed Capacity					
		Installed Capacity	MPPGCL Share		Days in Year	PLF	Gross Gen	Aux Consumption		Net Gen.
		MW	%	MW	No	%	MU	%	MU	MU
Thermal	1 ATPS 2	240.00	100.00%	240	365	55.00%	1156	10.00%	115.63	1041
	2 ATPS Chachai	240.00	100.00%	240	365	55.00%	1156	10.00%	115.63	1041
	3 STPS 1	312.50	60.00%	187.5	365	78.00%	2135	9.00%	192.17	1943
	4 STPS 2	410.00	100.00%	410	365	78.00%	2801	8.00%	224.12	2577
	5 STPS 3	420.00	100.00%	420	365	80.00%	2943	8.00%	235.47	2708
	6 Sarni	1142.50	89.06%	1017.5	365	78.74%	7880	8.27%	651.76	7228
	7 SGTPS 1	420.00	100.00%	420	365	80.00%	2943	8.50%	250.19	2693
	8 SGTPS 2	420.00	100.00%	420	365	80.00%	2943	8.50%	250.19	2693
	9 SGTPS 3	500.00	100.00%	500	365	85.00%	3723	6.00%	223.38	3500
	10 SGTPS	1340.00	100.00%	1340	365	81.87%	9610	7.53%	723.75	8886
	11 Total Thermal	2722.50	95.41%	2597.5	365	78.18%	18646	8.00%	1491.14	17155
Hydel	12 Gandhi Sagar	115.00	50.00%	57.5	365		420	0.70%	2.94	418
	13 Pench	160.00	66.67%	106.672	365		315	0.90%	2.84	313
	14 Rajghat	45.00	50.00%	22.5	365		88	1.00%	0.88	87
	15 Bargi	90.00	100.00%	90	365		508	1.00%	5.08	503
	16 Bansagar	425.00	100.00%	425	365		1236	1.00%	12.36	1224
	17 Madhikheda	60.00	100.00%	60	365		74	1.00%	0.74	73
	18 Birsinghpur	20.00	100.00%	20	365		52	1.00%	0.52	51
	19 Total Hydel	915.00	85.43%	781.672	365		2694	0.94%	25.36	2668
20 Total Th+Hydel	3637.50	92.90%	3379.172	365		21340	7.11%	1516.50	19823	

Note :- All calculations have been done for 100% generation on installed capacity basis.



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation Generation Cost for FY 10
Form F1 - 10 MPERC

S. No	Particulars	Cost of Coal Consumed											
		Heat Rate	GCV of Coal	Sp.Oil Cons.	Sp. Coal Cons.	Coal Consumption	Transit Loss		Coal Purchased	Coal Rate	Coal Cost		
		K Cal/u	K Cal/kg	ml/u	kg/u	LMT	%	LMT	LMT	Rs/MT	Cr.Rs.	p/u	
Thermal	1	ATPS 2	3400	4498	3.00	0.75	8.66	0.20%	0.02	8.68	1389.83	120.65	116
	2	ATPS Chachai	3400	4498	3.00	0.75	8.66	0.20%	0.02	8.68	1389.83	120.65	116
	3	STPS 1	3000	3722	3.50	0.80	17.01	0.80%	0.14	17.15	1590.28	272.67	140
	4	STPS 2	2800	3558	1.50	0.78	21.93	0.80%	0.18	22.11	1590.28	351.56	136
	5	STPS 3	2800	3562	1.50	0.78	23.01	0.80%	0.19	23.20	1590.28	368.90	136
	6	Sarni	2854	3605	2.04	0.79	61.95	0.80%	0.50	62.45	1590.28	993.13	137
	7	SGTPS 1	2700	3959	1.00	0.68	20.00	0.80%	0.16	20.16	1430.85	288.49	107
	8	SGTPS 2	2700	3952	1.00	0.68	20.04	0.80%	0.16	20.20	1430.85	288.99	107
	9	SGTPS 3	2425	3952	1.00	0.61	22.75	0.80%	0.18	22.94	1430.85	328.17	94
	10	SGTPS	2593	3954	1.00	0.65	62.79	0.80%	0.51	63.30	1430.85	905.66	102
	11	Total Thermal	2754	3827	1.56	0.72	133.40	0.76%	1.02	134.43	1502.27	2019.45	118
Hydel	12	Gandhi Sagar											
	13	Pench											
	14	Rajghat											
	15	Bargi											
	16	Bansagar											
	17	Madhikheda											
	18	Birsinghpur											
	19	Total Hydel											
20	Total Th+Hydel	2754	3827	1.56	0.72	133.40	0.76%	1.02	134.43	1502.27	2019.45	118	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation		Generation Cost for FY 10													
Form F1 - 10 MPERC															
S. No	Particulars	Secondary Oil Cost			Fixed Cost Elements										
		Consumption		Rate	Sec.Oil Cost	RoE	Interest Charges	Depre ciation	O&M Charges	Interest on W/C	Compensation Allowance	Special Allowance	Total Fixed Cost		
		ml/u	kL	Rs/kL	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	p/u
Thermal	1	ATPS 2	3.00	3469	33905	11.76	10.39	0.46	1.94	42.82	7.65	1.56		76.57	74
	2	ATPS Chachai	3.00	3469	33905	11.76	10.39	0.46	1.94	42.82	7.65	1.56		76.57	74
	3	STPS 1	3.50	7473	33859	25.30	2.76		0.31	66.94	16.69	2.03	15.63	129.66	67
	4	STPS 2	1.50	4202	33859	14.23	23.25	0.41	4.31	58.55	19.27	2.67		122.69	48
	5	STPS 3	1.50	4415	33859	14.95	21.63	0.42	4.41	59.98	20.08	2.73		124.20	46
	6	Sarni	2.04	16091	33859	54.48	47.64	0.84	9.03	185.46	56.04	7.43	15.63	376.55	52
	7	SGTPS 1	1.00	2943	36116	10.63	80.65	15.17	47.64	59.98	18.96	1.47		234.49	87
	8	SGTPS 2	1.00	2943	36116	10.63	80.65	15.17	47.64	59.98	18.96	0.63		233.66	87
	9	SGTPS 3	1.00	3723	36116	13.45	141.96	146.84	101.08	53.50	25.47			482.31	138
	10	SGTPS	1.00	9610	36116	34.71	303.26	177.19	196.36	173.45	63.39	2.10		950.46	107
	11	Total Thermal	1.56	29169	34608	100.95	361.30	178.48	207.32	401.73	127.08	11.09	15.63	1403.58	82
Hydel	12	Gandhi Sagar					0.77		0.22	6.85	0.51			8.35	20
	13	Pench					7.75		2.97	9.54	0.71			20.97	67
	14	Rajghat					6.16	0.06	4.03	2.68	0.38			13.31	153
	15	Bargi					6.47		3.67	5.36	0.65			16.16	32
	16	Bansagar					102.59	23.31	68.55	25.33	5.76			225.53	184
	17	Madhikheda					15.82	11.76	11.20	3.58	1.02			43.37	591
	18	Birsinghpur					3.88		2.50	1.19	0.20			7.76	151
	19	Total Hydel					143.43	35.13	93.13	54.53	9.23			335.45	126
20	Total Th+Hydel	1.56	29169	34608	100.95	504.73	213.61	300.46	456.26	136.31	11.09	15.63	1739.03	88	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation Generation Cost for FY 10
Form F1 - 10 MPERC

S. No	Particulars	Other Charges						Total Cost in Cr Rs				Total Cost in p/u			
		Water Charges	Cess	MPERC Fee	Common Expenses	Total		Energy Charge	Capacity Charges	Other Charges	Total	Energy Charge	Capacity Charges	Other Charges	Total
		Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	p/u								
Thermal	1 ATPS 2	0.06	1.16	0.12	0.97	2.30	2	120.65	76.57	2.30	199.53	116	74	2	192
	2 ATPS Chachai	0.06	1.16	0.12	0.97	2.30	2	120.65	76.57	2.30	199.53	116	74	2	192
	3 STPS 1	0.17	1.92	0.16	1.26	3.50	2	272.67	129.66	3.50	405.82	140	67	2	209
	4 STPS 2	0.23	2.24	0.21	1.65	4.32	2	351.56	122.69	4.32	478.58	136	48	2	186
	5 STPS 3	0.25	2.35	0.21	1.69	4.50	2	368.90	124.20	4.50	497.61	136	46	2	184
	6 Sarni	0.65	6.52	0.57	4.60	12.33	2	993.13	376.55	12.33	1382.01	137	52	2	191
	7 SGTPS 1	0.06	2.50	0.21	1.69	4.46	2	288.49	234.49	4.46	527.45	107	87	2	196
	8 SGTPS 2	0.08	2.50	0.21	1.69	4.48	2	288.99	233.66	4.48	527.13	107	87	2	196
	9 SGTPS 3	0.10	2.23	0.25	2.01	4.59	1	328.17	482.31	4.59	815.07	94	138	1	233
	10 SGTPS	0.24	7.24	0.67	5.39	13.54	2	905.66	950.46	13.54	1869.65	102	107	2	210
	11 Total Thermal	0.94	14.91	1.36	10.95	28.17	2	2019.45	1403.58	28.17	3451.19	118	82	2	201
Hydel	12 Gandhi Sagar	6.52	0.03	0.01	0.46	7.02	17	4.17	4.17	7.02	15.37	10	10	17	37
	13 Pench		0.03	0.02	0.64	0.69	2	10.48	10.48	0.69	21.66	34	34	2	69
	14 Rajghat	1.36	0.01	0.00	0.18	1.55	18	6.65	6.65	1.55	14.86	77	77	18	171
	15 Bargi	7.88	0.05	0.01	0.36	8.30	16	8.08	8.08	8.30	24.45	16	16	16	49
	16 Bansagar	19.16	0.12	0.04	1.71	21.04	17	112.77	112.77	21.04	246.57	92	92	17	201
	17 Madhikheda	1.15	0.01	0.01	0.24	1.40	19	21.69	21.69	1.40	44.78	296	296	19	610
	18 Birsinghpur	0.10	0.01	0.00	0.08	0.19	4	3.88	3.88	0.19	7.95	75	75	4	155
	19 Total Hydel	36.16	0.25	0.09	3.68	40.19	15	167.72	167.72	40.19	375.64	63	63	15	141
20 Total Th+Hydel	37.11	15.17	1.45	14.63	68.35	3	2187.17	1571.30	68.35	3826.83	110	79	3	193	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation Generation Cost for FY 11											
Form F1 - 11 MPERC											
S. No	Particulars	Installed Capacity			Net Generation from 100% Installed Capacity						
		Installed Capacity	MPPGCL Share		Days in Year	PLF	Gross Gen	Aux Consumption		Net Gen.	
			MW	%				MW	No		%
Thermal	1	ATPS 2	240.00	100.00%	240	365	57.00%	1198	10.00%	119.84	1079
	2	ATPS Chachai	240.00	100.00%	240	365	57.00%	1198	10.00%	119.84	1079
	3	STPS 1	312.50	60.00%	187.5	365	79.00%	2163	9.00%	194.64	1968
	4	STPS 2	410.00	100.00%	410	365	79.00%	2837	8.00%	226.99	2610
	5	STPS 3	420.00	100.00%	420	365	80.00%	2943	8.00%	235.47	2708
	6	Sarni	1142.50	89.06%	1017.5	365	79.37%	7943	8.27%	657.09	7286
	7	SGTPS 1	420.00	100.00%	420	365	80.00%	2943	8.25%	242.83	2701
	8	SGTPS 2	420.00	100.00%	420	365	80.00%	2943	8.25%	242.83	2701
	9	SGTPS 3	500.00	100.00%	500	365	85.00%	3723	6.00%	223.38	3500
	10	SGTPS	1340.00	100.00%	1340	365	81.87%	9610	7.38%	709.03	8901
	11	Total Thermal	2722.50	95.41%	2597.5	365	78.63%	18751	7.92%	1485.97	17265
Hydel	12	Gandhi Sagar	115.00	50.00%	57.5	365		420	0.70%	2.94	418
	13	Pench	160.00	66.67%	106.672	365		315	0.90%	2.84	313
	14	Rajghat	45.00	50.00%	22.5	365		88	1.00%	0.88	87
	15	Bargi	90.00	100.00%	90	365		508	1.00%	5.08	503
	16	Bansagar	425.00	100.00%	425	365		1236	1.00%	12.36	1224
	17	Madhikheda	60.00	100.00%	60	365		74	1.00%	0.74	73
	18	Birsinghpur	20.00	100.00%	20	365		52	1.00%	0.52	51
	19	Total Hydel	915.00	85.43%	781.672	365		2694	0.94%	25.36	2668
20	Total Th+Hydel	3637.50	92.90%	3379.172	365		21445	7.05%	1511.33	19934	

Note :- All calculations have been done for 100% generation on installed capacity basis.



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation Generation Cost for FY 11

Form F1 - 11 MPERC

S. No	Particulars	Cost of Coal Consumed											
		Heat Rate	GCV of Coal	Sp.Oil Cons.	Sp. Coal Cons.	Coal Consumption	Transit Loss		Coal Purchased	Coal Rate	Coal Cost		
		K Cal/u	K Cal/kg	ml/u	kg/u	LMT	%	LMT	LMT	Rs/MT	Cr.Rs.	p/u	
Thermal	1	ATPS 2	3350	4498	2.50	0.74	8.86	0.20%	0.02	8.88	1389.83	123.37	114
	2	ATPS Chachai	3350	4498	2.50	0.74	8.86	0.20%	0.02	8.88	1389.83	123.37	114
	3	STPS 1	2950	3722	3.00	0.78	16.97	0.80%	0.14	17.10	1590.28	271.97	138
	4	STPS 2	2750	3558	1.40	0.77	21.82	0.80%	0.18	22.00	1590.28	349.81	134
	5	STPS 3	2750	3562	1.40	0.77	22.61	0.80%	0.18	22.79	1590.28	362.41	134
	6	Sarni	2804	3605	1.84	0.77	61.39	0.80%	0.50	61.89	1590.28	984.19	135
	7	SGTPS 1	2650	3959	1.00	0.67	19.63	0.80%	0.16	19.79	1430.85	283.13	105
	8	SGTPS 2	2650	3952	1.00	0.67	19.66	0.80%	0.16	19.82	1430.85	283.62	105
	9	SGTPS 3	2425	3952	1.00	0.61	22.75	0.80%	0.18	22.94	1430.85	328.17	94
	10	SGTPS	2563	3954	1.00	0.65	62.04	0.80%	0.50	62.55	1430.85	894.93	101
	11	Total Thermal	2715	3828	1.45	0.71	132.30	0.76%	1.01	133.31	1502.13	2002.49	116
Hydel	12	Gandhi Sagar											
	13	Pench											
	14	Rajghat											
	15	Bargi											
	16	Bansagar											
	17	Madhikheda											
	18	Birsinghpur											
	19	Total Hydel											
20	Total Th+Hydel	2715	3828	1.45	0.71	132.30	0.76%	1.01	133.31	1502.13	2002.49	116	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation		Generation Cost for FY 11													
Form F1 - 11 MPERC															
S. No	Particulars	Secondary Oil Cost			Fixed Cost Elements										
		Consumption		Rate	Sec.Oil Cost	RoE	Interest Charges	Depre ciation	O&M Charges	Interest on W/C	Compensation Allowance	Special Allowance	Total Fixed Cost		
		ml/u	kL	Rs/kL	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	p/u
Thermal	1	ATPS 2	2.50	2996	33905	10.16	10.39	0.26	1.94	45.46	7.82	1.56		77.58	72
	2	ATPS Chachai	2.50	2996	33905	10.16	10.39	0.26	1.94	45.46	7.82	1.56		77.58	72
	3	STPS 1	3.00	6488	33859	21.97	2.76		0.28	71.06	16.78	2.03	16.52	131.39	67
	4	STPS 2	1.40	3972	33859	13.45	23.25	0.08	4.23	62.16	19.36	2.67		125.19	48
	5	STPS 3	1.40	4121	33859	13.95	21.63	0.08	4.33	63.67	19.97	2.73		126.36	47
	6	Sarni	1.84	14581	33859	49.37	47.64	0.16	8.84	196.89	56.10	7.43	16.52	382.95	53
	7	SGTPS 1	1.00	2943	36116	10.63	80.65	10.79	46.51	63.67	18.83	1.47		232.55	86
	8	SGTPS 2	1.00	2943	36116	10.63	80.65	10.79	46.51	63.67	18.83	0.63		231.71	86
	9	SGTPS 3	1.00	3723	36116	13.45	141.96	135.14	101.08	56.80	25.41			473.84	135
	10	SGTPS	1.00	9610	36116	34.71	303.26	156.73	194.10	184.14	63.07	2.10		938.11	105
	11	Total Thermal	1.45	27187	34662	94.23	361.30	157.14	204.87	426.49	127.00	11.09	16.52	1398.64	81
Hydel	12	Gandhi Sagar					0.77		0.22	7.26	0.53		8.77	21	
	13	Pench					7.75		2.96	10.10	0.74		21.55	69	
	14	Rajghat					6.16		4.03	2.84	0.39		13.41	155	
	15	Bargi					6.47		3.67	5.68	0.67		16.49	33	
	16	Bansagar					102.59	17.36	68.55	26.82	5.72		221.03	181	
	17	Madhikheda					15.82	10.59	11.20	3.79	1.00		42.40	578	
	18	Birsinghpur					3.88		2.46	1.26	0.20		7.79	151	
	19	Total Hydel					143.43	27.94	93.08	57.74	9.26			331.45	124
20	Total Th+Hydel	1.45	27187	34662	94.23	504.73	185.08	297.95	484.23	136.26	11.09	16.52	1730.09	87	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation Generation Cost for FY 11

Form F1 - 11 MPERC

S. No	Particulars	Other Charges						Total Cost in Cr Rs				Total Cost in p/u			
		Water Charges	Cess	MPERC Fee	Common Expenses	Total		Energy Charge	Capacity Charges	Other Charges	Total	Energy Charge	Capacity Charges	Other Charges	Total
		Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	p/u								
Thermal	1 ATPS 2	0.06	1.20	0.12	0.97	2.34	2	123.37	77.58	2.34	203.30	114	72	2	188
	2 ATPS Chachai	0.06	1.20	0.12	0.97	2.34	2	123.37	77.58	2.34	203.30	114	72	2	188
	3 STPS 1	0.19	1.95	0.16	1.26	3.55	2	271.97	131.39	3.55	406.91	138	67	2	207
	4 STPS 2	0.26	2.27	0.21	1.65	4.38	2	349.81	125.19	4.38	479.38	134	48	2	184
	5 STPS 3	0.27	2.35	0.21	1.69	4.52	2	362.41	126.36	4.52	493.29	134	47	2	182
	6 Sarni	0.71	6.57	0.57	4.60	12.45	2	984.19	382.95	12.45	1379.58	135	53	2	189
	7 SGTPS 1	0.07	2.43	0.21	1.69	4.40	2	283.13	232.55	4.40	520.08	105	86	2	193
	8 SGTPS 2	0.09	2.43	0.21	1.69	4.41	2	283.62	231.71	4.41	519.75	105	86	2	192
	9 SGTPS 3	0.11	2.23	0.25	2.01	4.60	1	328.17	473.84	4.60	806.62	94	135	1	230
	10 SGTPS	0.26	7.09	0.67	5.39	13.41	2	894.93	938.11	13.41	1846.44	101	105	2	207
	11 Total Thermal	1.03	14.86	1.36	10.95	28.20	2	2002.49	1398.64	28.20	3429.33	116	81	2	199
Hydel	12 Gandhi Sagar	6.73	0.03	0.01	0.46	7.23	17	4.39	4.39	7.23	16.00	11	11	17	38
	13 Pench		0.03	0.02	0.64	0.69	2	10.78	10.78	0.69	22.24	34	34	2	71
	14 Rajghat	1.40	0.01	0.00	0.18	1.60	18	6.71	6.71	1.60	15.01	77	77	18	173
	15 Bargi	8.13	0.05	0.01	0.36	8.55	17	8.25	8.25	8.55	25.04	16	16	17	50
	16 Bansagar	19.78	0.12	0.04	1.71	21.65	18	110.51	110.51	21.65	242.68	90	90	18	198
	17 Madhikheda	1.19	0.01	0.01	0.24	1.44	20	21.20	21.20	1.44	43.84	289	289	20	597
	18 Birsinghpur	0.10	0.01	0.00	0.08	0.19	4	3.90	3.90	0.19	7.98	76	76	4	155
	19 Total Hydel	37.33	0.25	0.09	3.68	41.35	15	165.73	165.73	41.35	372.81	62	62	15	140
	20 Total Th+Hydel	38.36	15.11	1.45	14.63	69.56	3	2168.21	1564.36	69.56	3802.13	109	78	3	191



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation Generation Cost for FY 12											
Form F1-12 MPERC											
S. No	Particulars	Installed Capacity			Net Generation from 100% Installed Capacity						
		Installed Capacity	MPPGCL Share		Days in Year	PLF	Gross Gen	Aux Consumption		Net Gen.	
			MW	%				MW	No		%
Thermal	1	ATPS 2	240.00	100.00%	240	366	60.00%	1265	10.00%	126.49	1138
	2	ATPS Chachai	240.00	100.00%	240	366	60.00%	1265	10.00%	126.49	1138
	3	STPS 1	312.50	60.00%	187.5	366	80.00%	2196	9.00%	197.64	1998
	4	STPS 2	410.00	100.00%	410	366	80.00%	2881	8.00%	230.49	2651
	5	STPS 3	420.00	100.00%	420	366	80.00%	2951	8.00%	236.11	2715
	6	Sarni	1142.50	89.06%	1017.5	366	80.00%	8029	8.27%	664.25	7364
	7	SGTPS 1	420.00	100.00%	420	366	80.00%	2951	8.00%	236.11	2715
	8	SGTPS 2	420.00	100.00%	420	366	80.00%	2951	8.00%	236.11	2715
	9	SGTPS 3	500.00	100.00%	500	366	85.00%	3733	6.00%	223.99	3509
	10	SGTPS	1340.00	100.00%	1340	366	81.87%	9636	7.23%	696.22	8940
	11	Total Thermal	2722.50	95.41%	2597.5	366	79.16%	18930	7.86%	1486.96	17443
Hydel	12	Gandhi Sagar	115.00	50.00%	57.5	366		420	0.70%	2.94	418
	13	Pench	160.00	66.67%	106.672	366		315	0.90%	2.84	313
	14	Rajghat	45.00	50.00%	22.5	366		88	1.00%	0.88	87
	15	Bargi	90.00	100.00%	90	366		508	1.00%	5.08	503
	16	Bansagar	425.00	100.00%	425	366		1236	1.00%	12.36	1224
	17	Madhikheda	60.00	100.00%	60	366		74	1.00%	0.74	73
	18	Birsinghpur	20.00	100.00%	20	366		52	1.00%	0.52	51
	19	Total Hydel	915.00	85.43%	781.672	366		2694	0.94%	25.36	2668
20	Total Th+Hydel	3637.50	92.90%	3379.172	366		21623	6.99%	1512.32	20111	

Note :- All calculations have been done for 100% generation on installed capacity basis.



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation Generation Cost for FY 12

Form F1-12 MPERC

S. No	Particulars	Cost of Coal Consumed										
		Heat Rate	GCV of Coal	Sp.Oil Cons.	Sp. Coal Cons.	Coal Consumption	Transit Loss		Coal Purchased	Coal Rate	Coal Cost	
		K Cal/u	K Cal/kg	ml/u	kg/u	LMT	%	LMT	LMT	Rs/MT	Cr.Rs.	p/u
Thermal	1 ATPS 2	3300	4498	2.50	0.73	9.21	0.20%	0.02	9.23	1389.83	128.26	113
	2 ATPS Chachai	3300	4498	2.50	0.73	9.21	0.20%	0.02	9.23	1389.83	128.26	113
	3 STPS 1	2900	3722	2.75	0.77	16.95	0.80%	0.14	17.08	1590.28	271.68	136
	4 STPS 2	2700	3558	1.30	0.76	21.76	0.80%	0.18	21.94	1590.28	348.84	132
	5 STPS 3	2700	3562	1.30	0.75	22.26	0.80%	0.18	22.44	1590.28	356.90	131
	6 Sarni	2755	3605	1.70	0.76	60.97	0.80%	0.49	61.46	1590.28	977.42	133
	7 SGTPS 1	2600	3959	1.00	0.65	19.31	0.80%	0.16	19.47	1430.85	278.53	103
	8 SGTPS 2	2600	3952	1.00	0.66	19.34	0.80%	0.16	19.50	1430.85	279.01	103
	9 SGTPS 3	2425	3952	1.00	0.61	22.81	0.80%	0.18	23.00	1430.85	329.07	94
	10 SGTPS	2532	3954	1.00	0.64	61.47	0.80%	0.50	61.96	1430.85	886.61	99
	11 Total Thermal	2678	3830	1.40	0.70	131.65	0.76%	1.01	132.65	1501.87	1992.29	114
Hydel	12 Gandhi Sagar											
	13 Pench											
	14 Rajghat											
	15 Bargi											
	16 Bansagar											
	17 Madhikheda											
	18 Birsinghpur											
	19 Total Hydel											
20 Total Th+Hydel	2678	3830	1.40	0.70	131.65	0.76%	1.01	132.65	1501.87	1992.29	114	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation		Generation Cost for FY 12														
Form F1-12 MPERC																
S. No	Particulars	Secondary Oil Cost			Fixed Cost Elements										Total Fixed Cost	
		Consumption		Rate	Sec.Oil Cost	RoE	Interest Charges	Depre ciation	O&M Charges	Interest on W/C	Compensation Allowance	Special Allowance	Total Fixed Cost			
		ml/u	kL	Rs/kL	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	p/u	
Thermal	1	ATPS 2	2.50	3162	33905	10.72	10.39	0.08	1.93	48.24	8.18	1.56		81.11	71	
	2	ATPS Chachai	2.50	3162	33905	10.72	10.39	0.08	1.93	48.24	8.18	1.56		81.11	71	
	3	STPS 1	2.75	6039	33859	20.45	2.76		0.27	75.41	16.96	2.03	17.46	135.34	68	
	4	STPS 2	1.30	3745	33859	12.68	23.25		4.14	65.97	19.50	2.67		128.21	48	
	5	STPS 3	1.30	3837	33859	12.99	21.63		4.24	67.58	19.91	2.73		129.08	48	
	6	Sarni	1.70	13621	33859	46.12	47.64		8.65	208.95	56.38	7.43	17.46	392.64	53	
	7	SGTPS 1	1.00	2951	36116	10.66	80.65	6.53	45.12	67.58	18.74	1.47		230.75	85	
	8	SGTPS 2	1.00	2951	36116	10.66	80.65	6.53	45.12	67.58	18.74	0.63		229.91	85	
	9	SGTPS 3	1.00	3733	36116	13.48	141.96	123.43	101.08	60.25	25.40			465.61	133	
	10	SGTPS	1.00	9636	36116	34.80	303.26	136.50	191.32	195.41	62.88	2.10		926.27	104	
	11	Total Thermal	1.40	26420	34688	91.64	361.30	136.58	201.91	452.60	127.44	11.09	17.46	1400.02	80	
Hydel	12	Gandhi Sagar					0.77		0.21	7.68	0.56		9.22	22		
	13	Pench					7.75		2.96	10.69	0.77		22.17	71		
	14	Rajghat					6.16		4.03	3.01	0.40		13.59	157		
	15	Bargi					6.47		3.65	6.01	0.70		16.83	33		
	16	Bansagar					102.59	11.40	68.55	28.39	5.69		216.62	177		
	17	Madhikheda					15.82	9.41	11.20	4.01	0.99		41.44	565		
	18	Birsinghpur					3.88		2.46	1.34	0.20		7.87	153		
	19	Total Hydel						143.43	20.82	93.06	61.12	9.31		327.73	123	
20	Total Th+Hydel	1.40	26420	34688	91.64	504.73	157.39	294.96	513.72	136.75	11.09	17.46	1727.75	86		



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation Generation Cost for FY 12

Form F1-12 MPERC

S. No	Particulars	Other Charges						Total Cost in Cr Rs				Total Cost in p/u			
		Water Charges	Cess	MPERC Fee	Common Expenses	Total		Energy Charge	Capacity Charges	Other Charges	Total	Energy Charge	Capacity Charges	Other Charges	Total
		Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	p/u								
Thermal	1 ATPS 2	0.07	1.26	0.12	0.97	2.42	2	128.26	81.11	2.42	211.79	113	71	2	186
	2 ATPS Chachai	0.07	1.26	0.12	0.97	2.42	2	128.26	81.11	2.42	211.79	113	71	2	186
	3 STPS 1	0.21	1.98	0.16	1.26	3.60	2	271.68	135.34	3.60	410.62	136	68	2	205
	4 STPS 2	0.28	2.30	0.21	1.65	4.44	2	348.84	128.21	4.44	481.50	132	48	2	182
	5 STPS 3	0.29	2.36	0.21	1.69	4.55	2	356.90	129.08	4.55	490.53	131	48	2	181
	6 Sarni	0.78	6.64	0.57	4.60	12.59	2	977.42	392.64	12.59	1382.65	133	53	2	188
	7 SGTPS 1	0.08	2.36	0.21	1.69	4.34	2	278.53	230.75	4.34	513.61	103	85	2	189
	8 SGTPS 2	0.10	2.36	0.21	1.69	4.36	2	279.01	229.91	4.36	513.28	103	85	2	189
	9 SGTPS 3	0.12	2.24	0.25	2.01	4.62	1	329.07	465.61	4.62	799.30	94	133	1	228
	10 SGTPS	0.29	6.96	0.67	5.39	13.31	1	886.61	926.27	13.31	1826.19	99	104	1	204
	11 Total Thermal	1.14	14.87	1.36	10.95	28.32	2	1992.29	1400.02	28.32	3420.63	114	80	2	196
Hydel	12 Gandhi Sagar	6.94	0.03	0.01	0.46	7.44	18	4.61	4.61	7.44	16.66	11	11	18	40
	13 Pench		0.03	0.02	0.64	0.69	2	11.09	11.09	0.69	22.86	35	35	2	73
	14 Rajghat	1.45	0.01	0.00	0.18	1.64	19	6.79	6.79	1.64	15.23	78	78	19	176
	15 Bargi	8.38	0.05	0.01	0.36	8.81	18	8.41	8.41	8.81	25.63	17	17	18	51
	16 Bansagar	20.40	0.12	0.04	1.71	22.27	18	108.31	108.31	22.27	238.89	89	89	18	195
	17 Madhikheda	1.22	0.01	0.01	0.24	1.48	20	20.72	20.72	1.48	42.91	282	282	20	585
	18 Birsinghpur	0.10	0.01	0.00	0.08	0.19	4	3.94	3.94	0.19	8.06	76	76	4	157
	19 Total Hydel	38.49	0.25	0.09	3.68	42.51	16	163.87	163.87	42.51	370.25	61	61	16	139
20 Total Th+Hydel	39.63	15.12	1.45	14.63	70.83	4	2156.16	1563.88	70.83	3790.87	107	78	4	188	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

MPPGCL's Proposal Generation Cost for FY 10											
Form F1 - 10 MPPGCL											
S. No	Particulars	Installed Capacity			Net Generation from 100% Installed Capacity						
		Installed Capacity	MPPGCL Share		Days in Year	PLF	Gross Gen	Aux Consumption		Net Gen.	
			MW	%				MW	No		%
Thermal	1	ATPS 2	240.00	100.00%	240	365	33.00%	694	13.00%	90.19	604
	2	ATPS Chachai	240.00	100.00%	240	365	33.00%	694	13.00%	90.19	604
	3	STPS 1	312.50	60.00%	187.5	365	63.00%	1725	10.00%	172.46	1552
	4	STPS 2	410.00	100.00%	410	365	65.00%	2335	9.00%	210.11	2124
	5	STPS 3	420.00	100.00%	420	365	69.00%	2539	9.50%	241.17	2297
	6	Sarni	1142.50	89.06%	1017.5	365	65.92%	6598	9.45%	623.74	5974
	7	SGTPS 1	420.00	100.00%	420	365	54.00%	1987	10.50%	208.61	1778
	8	SGTPS 2	420.00	100.00%	420	365	71.00%	2612	10.00%	261.22	2351
	9	SGTPS 3	500.00	100.00%	500	365	70.00%	3066	6.25%	191.63	2874
	10	SGTPS	1340.00	100.00%	1340	365	65.30%	7665	8.63%	661.46	7004
	11	Total Thermal	2722.50	95.41%	2597.5	365	62.71%	14957	9.20%	1375.39	13581
Hydel	12	Gandhi Sagar	115.00	50.00%	57.5	365		116	0.70%	0.81	115
	13	Pench	160.00	66.67%	106.672	365		315	0.92%	2.90	312
	14	Rajghat	45.00	50.00%	22.5	365		88	0.97%	0.85	87
	15	Bargi	90.00	100.00%	90	365		208	1.00%	2.08	206
	16	Bansagar	425.00	100.00%	425	365		921	1.00%	9.21	912
	17	Madhikheda	60.00	100.00%	60	365		11	1.00%	0.11	11
	18	Birsinghpur	20.00	100.00%	20	365		20	1.00%	0.20	20
	19	Total Hydel	915.00	85.43%	781.672	365		1680	0.96%	16.17	1664
20	Total Th+Hydel	3637.50	92.90%	3379.172	365		16637	8.36%	1391.57	15245	

Note :- All calculations have been done for 100% generation on installed capacity basis.



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

MPPGCL's Proposal Generation Cost for FY 10

Form F1 - 10 MPPGCL

S. No	Particulars	Cost of Coal Consumed											
		Heat Rate	GCV of Coal	Sp.Oil Cons.	Sp. Coal Cons.	Coal Consumption	Transit Loss		Coal Purchased	Coal Rate	Coal Cost		
		K Cal/u	K Cal/kg	ml/u	kg/u	LMT	%	LMT	LMT	Rs/MT	Cr.Rs.	p/u	
Thermal	1	ATPS 2	3750	4498	7.00	0.82	5.68	0.20%	0.01	5.69	1389.83	79.05	131
	2	ATPS Chachai	3750	4498	7.00	0.82	5.68	0.20%	0.01	5.69	1389.83	79.05	131
	3	STPS 1	3695	3722	10.00	0.97	16.65	1.80%	0.31	16.96	1590.28	269.71	174
	4	STPS 2	3259	3558	4.00	0.90	21.12	1.80%	0.39	21.51	1590.28	342.08	161
	5	STPS 3	3236	3562	2.50	0.90	22.88	1.80%	0.42	23.30	1590.28	370.53	161
	6	Sarni	3364	3605	4.99	0.92	60.66	1.80%	1.11	61.77	1590.28	982.32	164
	7	SGTPS 1	3555	3959	2.00	0.89	17.74	2.50%	0.45	18.20	1430.85	260.37	146
	8	SGTPS 2	3348	3952	2.00	0.84	22.00	2.50%	0.56	22.57	1430.85	322.88	137
	9	SGTPS 3	2852	3952	1.50	0.72	22.01	2.50%	0.56	22.58	1430.85	323.06	112
	10	SGTPS	3204	3954	1.80	0.81	61.76	2.50%	1.58	63.34	1430.85	906.31	129
	11	Total Thermal	3300	3812	3.45	0.86	128.09	2.07%	2.71	130.80	1504.36	1967.68	145
Hydel	12	Gandhi Sagar											
	13	Pench											
	14	Rajghat											
	15	Bargi											
	16	Bansagar											
	17	Madhikheda											
	18	Birsinghpur											
	19	Total Hydel											
20	Total Th+Hydel	3300	3812	3.45	0.86	128.09	2.07%	2.71	130.80	1504.36	1967.68	145	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

MPPGCL's Proposal		Generation Cost for FY 10														
Form F1 - 10 MPPGCL																
S. No	Particulars	Secondary Oil Cost			Fixed Cost Elements										Total Fixed Cost	
		Consumption		Rate	Sec.Oil Cost	RoE	Interest Charges	Depre ciation	O&M Charges	Interest on W/C	Compensation Allowance	Special Allowance				
		ml/u	kL	Rs/kL	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	p/u
Thermal	1	ATPS 2	7.00	4857	33905	16.47	10.39	0.46	1.94	42.82	6.32	1.56		79.95	132	
	2	ATPS Chachai	7.00	4857	33905	16.47	10.39	0.46	1.94	42.82	6.32	1.56		79.95	132	
	3	STPS 1	10.00	17246	33859	58.39	2.76		0.31	66.94	17.94	2.03	15.63	164.00	106	
	4	STPS 2	4.00	9338	33859	31.62	23.25	0.41	4.31	58.55	19.60	2.67		140.41	66	
	5	STPS 3	2.50	6347	33859	21.49	21.63	0.42	4.41	59.98	20.42	2.73		131.08	57	
	6	Sarni	4.99	32931	33859	111.50	47.64	0.84	9.03	185.46	57.96	7.43	15.63	435.49	73	
	7	SGTPS 1	2.00	3974	36116	14.35	80.65	15.17	47.64	59.98	17.93	1.47		237.19	133	
	8	SGTPS 2	2.00	5224	36116	18.87	80.65	15.17	47.64	59.98	20.72	0.63		243.65	104	
	9	SGTPS 3	1.50	4599	36116	16.61	141.96	146.84	101.08	53.50	25.38			485.38	169	
	10	SGTPS	1.80	13797	36116	49.83	303.26	177.19	196.36	173.45	64.04	2.10		966.22	138	
	11	Total Thermal	3.45	51585	34467	177.80	361.30	178.48	207.32	401.73	128.32	11.09	15.63	1481.66	109	
Hydel	12	Gandhi Sagar					0.77		0.22	6.85	0.41			8.25	72	
	13	Pench					7.75		2.97	9.54	0.71			20.97	67	
	14	Rajghat					6.16	0.06	4.03	2.68	0.38			13.31	153	
	15	Bargi					6.47		3.67	5.36	0.56			16.06	78	
	16	Bansagar					102.59	23.31	68.55	25.33	5.66			225.43	247	
	17	Madhikheda					15.82	11.76	11.20	3.58	1.00			43.35	3818	
	18	Birsinghpur					3.88		2.50	1.19	0.20			7.76	388	
	19	Total Hydel						143.43	35.13	93.13	54.53	8.91		335.13	201	
20	Total Th+Hydel	3.45	51585	34467	177.80	504.73	213.61	300.46	456.26	137.23	11.09	15.63	1816.79	119		



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

MPPGCL's Proposal Generation Cost for FY 10

Form F1 - 10 MPPGCL

S. No	Particulars	Other Charges						Total Cost in Cr Rs				Total Cost in p/u			
		Water Charges	Cess	MPCR Fee	Common Expenses	Total		Energy Charge	Capacity Charges	Other Charges	Total	Energy Charge	Capacity Charges	Other Charges	Total
		Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	p/u								
Thermal	1 ATPS 2	0.06	0.90	0.12	0.97	2.04	3	79.05	79.95	2.04	161.05	131	132	3	267
	2 ATPS Chachai	0.06	0.90	0.12	0.97	2.04	3	79.05	79.95	2.04	161.05	131	132	3	267
	3 STPS 1	0.17	1.72	0.16	1.26	3.30	2	269.71	164.00	3.30	437.01	174	106	2	282
	4 STPS 2	0.23	2.10	0.21	1.65	4.18	2	342.08	140.41	4.18	486.67	161	66	2	229
	5 STPS 3	0.25	2.41	0.21	1.69	4.56	2	370.53	131.08	4.56	506.18	161	57	2	220
	6 Sarni	0.65	6.24	0.57	4.60	12.05	2	982.32	435.49	12.05	1429.86	164	73	2	239
	7 SGTPS 1	0.06	2.09	0.21	1.69	4.05	2	260.37	237.19	4.05	501.61	146	133	2	282
	8 SGTPS 2	0.08	2.61	0.21	1.69	4.59	2	322.88	243.65	4.59	571.12	137	104	2	243
	9 SGTPS 3	0.10	1.92	0.25	2.01	4.27	1	323.06	485.38	4.27	812.72	112	169	1	283
	10 SGTPS	0.24	6.61	0.67	5.39	12.91	2	906.31	966.22	12.91	1885.44	129	138	2	269
	11 Total Thermal	0.94	13.75	1.36	10.95	27.01	2	1967.68	1481.66	27.01	3476.35	145	109	2	256
Hydel	12 Gandhi Sagar	1.80	0.01	0.01	0.46	2.28	20	4.12	4.12	2.28	10.53	36	36	20	91
	13 Pench		0.03	0.02	0.64	0.69	2	10.48	10.48	0.69	21.66	34	34	2	69
	14 Rajghat	1.36	0.01	0.00	0.18	1.56	18	6.65	6.65	1.56	14.87	76	76	18	171
	15 Bargi	3.22	0.02	0.01	0.36	3.62	18	8.03	8.03	3.62	19.67	39	39	18	96
	16 Bansagar	14.28	0.09	0.04	1.71	16.12	18	112.72	112.72	16.12	241.55	124	124	18	265
	17 Madhikheda	0.18	0.00	0.01	0.24	0.43	38	21.68	21.68	0.43	43.78	1909	1909	38	3855
	18 Birsinghpur	0.04	0.00	0.00	0.08	0.12	6	3.88	3.88	0.12	7.89	194	194	6	394
	19 Total Hydel	20.89	0.16	0.09	3.68	24.82	15	167.56	167.56	24.82	359.95	101	101	15	216
	20 Total Th+Hydel	21.83	13.92	1.45	14.63	51.83	3	2135.24	1649.23	51.83	3836.30	140	108	3	252



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

MPPGCL's Proposal Generation Cost for FY 11											
Form F1 - 11 MPPGCL											
S. No	Particulars	Installed Capacity			Net Generation from 100% Installed Capacity						
		Installed Capacity	MPPGCL Share		Days in Year	PLF	Gross Gen	Aux Consumption		Net Gen.	
		MW	%	MW	No	%	MU	%	MU	MU	
Thermal	1	ATPS 2	240.00	100.00%	240	365	52.00%	1093	11.00%	120.26	973
	2	ATPS Chachai	240.00	100.00%	240	365	52.00%	1093	11.00%	120.26	973
	3	STPS 1	312.50	60.00%	187.5	365	72.00%	1971	9.50%	187.25	1784
	4	STPS 2	410.00	100.00%	410	365	77.00%	2766	8.50%	235.07	2530
	5	STPS 3	420.00	100.00%	420	365	78.00%	2870	9.00%	258.28	2611
	6	Sarni	1142.50	89.06%	1017.5	365	76.00%	7606	8.95%	680.60	6926
	7	SGTPS 1	420.00	100.00%	420	365	66.00%	2428	1.20%	29.14	2399
	8	SGTPS 2	420.00	100.00%	420	365	79.00%	2907	9.50%	276.12	2630
	9	SGTPS 3	500.00	100.00%	500	365	85.00%	3723	6.00%	223.38	3500
	10	SGTPS	1340.00	100.00%	1340	365	77.16%	9058	5.84%	528.64	8529
	11	Total Thermal	2722.50	95.41%	2597.5	365	74.46%	17757	7.49%	1329.50	16428
Hydel	12	Gandhi Sagar	115.00	50.00%	57.5	365		420	0.70%	2.94	418
	13	Pench	160.00	66.67%	106.672	365		315	0.90%	2.84	313
	14	Rajghat	45.00	50.00%	22.5	365		88	1.00%	0.88	87
	15	Bargi	90.00	100.00%	90	365		508	1.00%	5.08	503
	16	Bansagar	425.00	100.00%	425	365		1236	1.00%	12.36	1224
	17	Madhikheda	60.00	100.00%	60	365		74	1.00%	0.74	73
	18	Birsinghpur	20.00	100.00%	20	365		52	1.00%	0.52	51
	19	Total Hydel	915.00	85.43%	781.672	365		2694	0.94%	25.36	2668
20	Total Th+Hydel	3637.50	92.90%	3379.172	365		20451	6.62%	1354.86	19096	

Note :- All calculations have been done for 100% generation on installed capacity basis.



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

MPPGCL's Proposal Generation Cost for FY 11

Form F1 - 11 MPPGCL

S. No	Particulars	Cost of Coal Consumed											
		Heat Rate	GCV of Coal	Sp.Oil Cons.	Sp. Coal Cons.	Coal Consumption	Transit Loss		Coal Purchased	Coal Rate	Coal Cost		
		K Cal/u	K Cal/kg	ml/u	kg/u	LMT	%	LMT	LMT	Rs/MT	Cr.Rs.	p/u	
Thermal	1	ATPS 2	3700	4498	4.50	0.81	8.88	0.20%	0.02	8.90	1389.83	123.72	127
	2	ATPS Chachai	3700	4498	4.50	0.81	8.88	0.20%	0.02	8.90	1389.83	123.72	127
	3	STPS 1	3584	3722	6.50	0.95	18.63	1.80%	0.34	18.98	1590.28	301.76	169
	4	STPS 2	3054	3558	2.00	0.85	23.58	1.80%	0.43	24.02	1590.28	381.94	151
	5	STPS 3	2973	3562	2.00	0.83	23.79	1.80%	0.44	24.23	1590.28	385.26	148
	6	Sarni	3161	3606	3.17	0.87	66.01	1.80%	1.21	67.22	1590.28	1068.96	154
	7	SGTPS 1	3068	3959	1.50	0.77	18.73	2.50%	0.48	19.21	1430.85	274.83	115
	8	SGTPS 2	2923	3952	1.50	0.74	21.39	2.50%	0.55	21.94	1430.85	313.89	119
	9	SGTPS 3	2750	3952	1.00	0.69	25.81	2.50%	0.66	26.48	1430.85	378.83	108
	10	SGTPS	2891	3954	1.29	0.73	65.93	2.50%	1.69	67.62	1430.85	967.55	113
	11	Total Thermal	3056	3825	2.29	0.79	140.82	2.03%	2.92	143.74	1502.87	2160.23	131
Hydel	12	Gandhi Sagar											
	13	Pench											
	14	Rajghat											
	15	Bargi											
	16	Bansagar											
	17	Madhikheda											
	18	Birsinghpur											
	19	Total Hydel											
20	Total Th+Hydel	3056	3825	2.29	0.79	140.82	2.03%	2.92	143.74	1502.87	2160.23	131	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

MPPGCL's Proposal		Generation Cost for FY 11													
Form F1 - 11 MPPGCL															
S. No	Particulars	Secondary Oil Cost			Fixed Cost Elements										
		Consumption		Rate	Sec.Oil Cost	RoE	Interest Charges	Depre ciation	O&M Charges	Interest on W/C	Compensation Allowance	Special Allowance	Total Fixed Cost		
		ml/u	kL	Rs/kL	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	p/u
Thermal	1	ATPS 2	4.50	4920	33905	16.68	10.39	0.26	1.94	45.46	8.11	1.56		84.39	87
	2	ATPS Chachai	4.50	4920	33905	16.68	10.39	0.26	1.94	45.46	8.11	1.56		84.39	87
	3	STPS 1	6.50	12812	33905	43.44	2.76		0.28	71.06	18.91	2.03	16.52	155.00	87
	4	STPS 2	2.00	5531	33905	18.75	23.25	0.08	4.23	62.16	20.92	2.67		132.06	52
	5	STPS 3	2.00	5740	33905	19.46	21.63	0.08	4.33	63.67	21.15	2.73		133.06	51
	6	Sarni	3.17	24082	33905	81.65	47.64	0.16	8.84	196.89	60.99	7.43	16.52	420.11	61
	7	SGTPS 1	1.50	3642	33905	12.35	80.65	10.79	46.51	63.67	18.51	1.47		233.95	98
	8	SGTPS 2	1.50	4360	33905	14.78	80.65	10.79	46.51	63.67	20.27	0.63		237.31	90
	9	SGTPS 3	1.00	3723	33905	12.62	141.96	135.14	101.08	56.80	27.49			475.10	136
	10	SGTPS	1.29	11725	33905	39.75	303.26	156.73	194.10	184.14	66.27	2.10		946.35	111
	11	Total Thermal	2.29	40727	33905	138.08	361.30	157.14	204.87	426.49	135.37	11.09	16.52	1450.85	88
Hydel	12	Gandhi Sagar					0.77		0.22	7.26	0.53			8.77	21
	13	Pench					7.75		2.96	10.10	0.74			21.55	69
	14	Rajghat					6.16		4.03	2.84	0.39			13.41	155
	15	Bargi					6.47		3.67	5.68	0.67			16.49	33
	16	Bansagar					102.59	17.36	68.55	26.82	5.72			221.03	181
	17	Madhikheda					15.82	10.59	11.20	3.79	1.00			42.40	578
	18	Birsinghpur					3.88		2.46	1.26	0.20			7.79	151
	19	Total Hydel					143.43	27.94	93.08	57.74	9.26			331.45	124
20	Total Th+Hydel	2.29	40727	33905	138.08	504.73	185.08	297.95	484.23	144.63	11.09	16.52	1782.31	93	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

MPPGCL's Proposal Generation Cost for FY 11

Form F1 - 11 MPPGCL

S. No	Particulars	Other Charges						Total Cost in Cr Rs				Total Cost in p/u			
		Water Charges	Cess	MPERC Fee	Common Expenses	Total		Energy Charge	Capacity Charges	Other Charges	Total	Energy Charge	Capacity Charges	Other Charges	Total
		Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	p/u								
Thermal	1 ATPS 2	0.06	1.20	0.12	0.97	2.35	2	123.72	84.39	2.35	210.46	127	87	2	216
	2 ATPS Chachai	0.06	1.20	0.12	0.97	2.35	2	123.72	84.39	2.35	210.46	127	87	2	216
	3 STPS 1	0.19	1.87	0.16	1.26	3.47	2	301.76	155.00	3.47	460.23	169	87	2	258
	4 STPS 2	0.26	2.35	0.21	1.65	4.46	2	381.94	132.06	4.46	518.45	151	52	2	205
	5 STPS 3	0.27	2.58	0.21	1.69	4.75	2	385.26	133.06	4.75	523.06	148	51	2	200
	6 Sarni	0.71	6.81	0.57	4.60	12.68	2	1068.96	420.11	12.68	1501.75	154	61	2	217
	7 SGTPS 1	0.07	0.29	0.21	1.69	2.26	1	274.83	233.95	2.26	511.04	115	98	1	213
	8 SGTPS 2	0.09	2.76	0.21	1.69	4.75	2	313.89	237.31	4.75	555.94	119	90	2	211
	9 SGTPS 3	0.11	2.23	0.25	2.01	4.60	1	378.83	475.10	4.60	858.53	108	136	1	245
	10 SGTPS	0.26	5.29	0.67	5.39	11.61	1	967.55	946.35	11.61	1925.51	113	111	1	226
	11 Total Thermal	1.03	13.29	1.36	10.95	26.64	2	2160.23	1450.85	26.64	3637.72	131	88	2	221
Hydel	12 Gandhi Sagar	6.73	0.03	0.01	0.46	7.23	17	4.39	4.39	7.23	16.00	11	11	17	38
	13 Pench		0.03	0.02	0.64	0.69	2	10.78	10.78	0.69	22.24	34	34	2	71
	14 Rajghat	1.40	0.01	0.00	0.18	1.60	18	6.71	6.71	1.60	15.01	77	77	18	173
	15 Bargi	8.13	0.05	0.01	0.36	8.55	17	8.25	8.25	8.55	25.04	16	16	17	50
	16 Bansagar	19.78	0.12	0.04	1.71	21.65	18	110.51	110.51	21.65	242.68	90	90	18	198
	17 Madhikheda	1.19	0.01	0.01	0.24	1.44	20	21.20	21.20	1.44	43.84	289	289	20	597
	18 Birsinghpur	0.10	0.01	0.00	0.08	0.19	4	3.90	3.90	0.19	7.98	76	76	4	155
	19 Total Hydel	37.33	0.25	0.09	3.68	41.35	15	165.73	165.73	41.35	372.81	62	62	15	140
20 Total Th+Hydel	38.36	13.55	1.45	14.63	67.99	4	2325.96	1616.58	67.99	4010.53	122	85	4	210	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

MPPGCL's Proposal Generation Cost for FY 12											
Form F1 - 12 MPPGCL											
S. No	Particulars	Installed Capacity			Net Generation from 100% Installed Capacity						
		Installed Capacity	MPPGCL Share		Days in Year	PLF	Gross Gen	Aux Consumption		Net Gen.	
		MW	%	MW	No	%	MU	%	MU	MU	
Thermal	1	ATPS 2	240.00	100.00%	240	366	60.00%	1265	11.00%	139.14	1126
	2	ATPS Chachai	240.00	100.00%	240	366	60.00%	1265	11.00%	139.14	1126
	3	STPS 1	312.50	60.00%	187.5	366	72.00%	1976	9.50%	187.76	1789
	4	STPS 2	410.00	100.00%	410	366	77.00%	2773	8.50%	235.71	2537
	5	STPS 3	420.00	100.00%	420	366	78.00%	2878	9.00%	258.99	2619
	6	Sarni	1142.50	89.06%	1017.5	366	76.00%	7627	8.95%	682.46	6945
	7	SGTPS 1	420.00	100.00%	420	366	66.00%	2435	10.20%	248.36	2187
	8	SGTPS 2	420.00	100.00%	420	366	79.00%	2915	9.50%	276.88	2638
	9	SGTPS 3	500.00	100.00%	500	366	85.00%	3733	6.00%	223.99	3509
	10	SGTPS	1340.00	100.00%	1340	366	77.16%	9083	8.25%	749.23	8333
	11	Total Thermal	2722.50	95.41%	2597.5	366	75.16%	17975	8.74%	1570.83	16404
Hydel	12	Gandhi Sagar	115.00	50.00%	57.5	366		420	0.70%	2.94	418
	13	Pench	160.00	66.67%	106.672	366		315	0.90%	2.84	313
	14	Rajghat	45.00	50.00%	22.5	366		88	1.00%	0.88	87
	15	Bargi	90.00	100.00%	90	366		508	1.00%	5.08	503
	16	Bansagar	425.00	100.00%	425	366		1236	1.00%	12.36	1224
	17	Madhikheda	60.00	100.00%	60	366		74	1.00%	0.74	73
	18	Birsinghpur	20.00	100.00%	20	366		52	1.00%	0.52	51
	19	Total Hydel	915.00	85.43%	781.672	366		2694	0.94%	25.36	2668
20	Total Th+Hydel	3637.50	92.90%	3379.172	366		20668	7.72%	1596.19	19072	

Note :- All calculations have been done for 100% generation on installed capacity basis.



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

MPPGCL's Proposal Generation Cost for FY 12

Form F1 - 12 MPPGCL

S. No	Particulars	Cost of Coal Consumed											
		Heat Rate	GCV of Coal	Sp.Oil Cons.	Sp. Coal Cons.	Coal Consumption	Transit Loss		Coal Purchased	Coal Rate	Coal Cost		
		K Cal/u	K Cal/kg	ml/u	kg/u	LMT	%	LMT	LMT	Rs/MT	Cr.Rs.	p/u	
Thermal	1	ATPS 2	3600	4498	4.00	0.79	10.01	0.20%	0.02	10.03	1389.83	139.42	124
	2	ATPS Chachai	3600	4498	4.00	0.79	10.01	0.20%	0.02	10.03	1389.83	139.42	124
	3	STPS 1	3584	3722	6.50	0.95	18.68	1.80%	0.34	19.03	1590.28	302.59	169
	4	STPS 2	3054	3558	2.00	0.85	23.65	1.80%	0.43	24.08	1590.28	382.98	151
	5	STPS 3	2973	3562	2.00	0.83	23.85	1.80%	0.44	24.29	1590.28	386.32	148
	6	Sarni	3161	3606	3.17	0.87	66.19	1.80%	1.21	67.40	1590.28	1071.89	154
	7	SGTPS 1	3068	3959	1.50	0.77	18.78	2.50%	0.48	19.26	1430.85	275.59	126
	8	SGTPS 2	2923	3952	1.50	0.74	21.45	2.50%	0.55	22.00	1430.85	314.75	119
	9	SGTPS 3	2700	3952	1.00	0.68	25.41	2.50%	0.65	26.06	1430.85	372.94	106
	10	SGTPS	2870	3954	1.29	0.72	65.64	2.50%	1.68	67.32	1430.85	963.27	116
	11	Total Thermal	3045	3830	2.28	0.79	141.84	2.01%	2.92	144.76	1502.24	2174.58	133
Hydel	12	Gandhi Sagar											
	13	Pench											
	14	Rajghat											
	15	Bargi											
	16	Bansagar											
	17	Madhikheda											
	18	Birsinghpur											
	19	Total Hydel											
20	Total Th+Hydel	3045	3830	2.28	0.79	141.84	2.01%	2.92	144.76	1502.24	2174.58	133	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

MPPGCL's Proposal		Generation Cost for FY 12													
Form F1 - 12 MPPGCL															
S. No	Particulars	Secondary Oil Cost			Fixed Cost Elements										
		Consumption		Rate	Sec.Oil Cost	RoE	Interest Charges	Depre ciation	O&M Charges	Interest on W/C	Compensation Allowance	Special Allowance	Total Fixed Cost		
		ml/u	kL	Rs/kL	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	p/u
Thermal	1	ATPS 2	4.00	5060	33905	17.15	10.39	0.08	1.93	48.24	8.86	1.56		88.22	78
	2	ATPS Chachai	4.00	5060	33905	17.15	10.39	0.08	1.93	48.24	8.86	1.56		88.22	78
	3	STPS 1	6.50	12847	33905	43.56	2.76		0.27	75.41	19.21	2.03	17.46	160.70	90
	4	STPS 2	2.00	5546	33905	18.80	23.25		4.14	65.97	21.18	2.67		136.01	54
	5	STPS 3	2.00	5755	33905	19.51	21.63		4.24	67.58	21.42	2.73		137.11	52
	6	Sarni	3.17	24148	33905	81.87	47.64		8.65	208.95	61.81	7.43	17.46	433.82	62
	7	SGTPS 1	1.50	3652	33905	12.38	80.65	6.53	45.12	67.58	18.69	1.47		232.42	106
	8	SGTPS 2	1.50	4372	33905	14.82	80.65	6.53	45.12	67.58	20.41	0.63		235.74	89
	9	SGTPS 3	1.00	3733	33905	12.66	141.96	123.43	101.08	60.25	27.20			466.58	133
	10	SGTPS	1.29	11757	33905	39.86	303.26	136.50	191.32	195.41	66.30	2.10		934.75	112
	11	Total Thermal	2.28	40965	33905	138.89	361.30	136.58	201.91	452.60	136.97	11.09	17.46	1456.79	89
Hydel	12	Gandhi Sagar					0.77		0.21	7.68	0.56		9.22	22	
	13	Pench					7.75		2.96	10.69	0.77		22.17	71	
	14	Rajghat					6.16		4.03	3.01	0.40		13.59	157	
	15	Bargi					6.47		3.65	6.01	0.70		16.83	33	
	16	Bansagar					102.59	11.40	68.55	28.39	5.69		216.62	177	
	17	Madhikheda					15.82	9.41	11.20	4.01	0.99		41.44	565	
	18	Birsinghpur					3.88		2.46	1.34	0.20		7.87	153	
	19	Total Hydel						143.43	20.82	93.06	61.12	9.31		327.73	123
20	Total Th+Hydel	2.28	40965	33905	138.89	504.73	157.39	294.96	513.72	146.27	11.09	17.46	1784.52	94	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

MPPGCL's Proposal Generation Cost for FY 12

Form F1 - 12 MPPGCL

S. No	Particulars	Other Charges						Total Cost in Cr Rs				Total Cost in p/u			
		Water Charges	Cess	MPERC Fee	Common Expenses	Total		Energy Charge	Capacity Charges	Other Charges	Total	Energy Charge	Capacity Charges	Other Charges	Total
		Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	p/u								
Thermal	1 ATPS 2	0.07	1.39	0.12	0.97	2.54	2	139.42	88.22	2.54	230.19	124	78	2	204
	2 ATPS Chachai	0.07	1.39	0.12	0.97	2.54	2	139.42	88.22	2.54	230.19	124	78	2	204
	3 STPS 1	0.21	1.88	0.16	1.26	3.50	2	302.59	160.70	3.50	466.79	169	90	2	261
	4 STPS 2	0.28	2.36	0.21	1.65	4.49	2	382.98	136.01	4.49	523.49	151	54	2	206
	5 STPS 3	0.29	2.59	0.21	1.69	4.78	2	386.32	137.11	4.78	528.21	148	52	2	202
	6 Sarni	0.78	6.82	0.57	4.60	12.77	2	1071.89	433.82	12.77	1518.49	154	62	2	219
	7 SGTPS 1	0.08	2.48	0.21	1.69	4.46	2	275.59	232.42	4.46	512.47	126	106	2	234
	8 SGTPS 2	0.10	2.77	0.21	1.69	4.76	2	314.75	235.74	4.76	555.26	119	89	2	211
	9 SGTPS 3	0.12	2.24	0.25	2.01	4.62	1	372.94	466.58	4.62	844.14	106	133	1	241
	10 SGTPS	0.29	7.49	0.67	5.39	13.84	2	963.27	934.75	13.84	1911.86	116	112	2	229
	11 Total Thermal	1.14	15.71	1.36	10.95	29.16	2	2174.58	1456.79	29.16	3660.53	133	89	2	223
Hydel	12 Gandhi Sagar	6.94	0.03	0.01	0.46	7.44	18	4.61	4.61	7.44	16.66	11	11	18	40
	13 Pench		0.03	0.02	0.64	0.69	2	11.09	11.09	0.69	22.86	35	35	2	73
	14 Rajghat	1.45	0.01	0.00	0.18	1.64	19	6.79	6.79	1.64	15.23	78	78	19	176
	15 Bargi	8.38	0.05	0.01	0.36	8.81	18	8.41	8.41	8.81	25.63	17	17	18	51
	16 Bansagar	20.40	0.12	0.04	1.71	22.27	18	108.31	108.31	22.27	238.89	89	89	18	195
	17 Madhikheda	1.22	0.01	0.01	0.24	1.48	20	20.72	20.72	1.48	42.91	282	282	20	585
	18 Birsinghpur	0.10	0.01	0.00	0.08	0.19	4	3.94	3.94	0.19	8.06	76	76	4	157
	19 Total Hydel	38.49	0.25	0.09	3.68	42.51	16	163.87	163.87	42.51	370.25	61	61	16	139
20 Total Th+Hydel	39.63	15.96	1.45	14.63	71.67	4	2338.45	1620.66	71.67	4030.78	123	85	4	211	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

Interest on Working Capital

Form F2

Amount in Rs. Cr.

S. No.	Particulars	Reference Form	As per MPERC Regulation			As per MPPGCL Proposal		
			FY 10	FY 11	FY 12	FY 10	FY 11	FY 12
			Proposed	Proposed	Proposed	Proposed	Proposed	Proposed
1	Coal Cost		2019.45	2002.49	1992.29	1967.68	2160.23	2174.58
2	45/ 60 Days Qty		331.55	328.61	326.70	324.65	354.88	356.62
3	Oil Cost		100.95	94.23	91.64	177.80	138.08	138.89
4	2 Month Oil Cost		16.82	15.71	15.27	29.63	23.01	23.15
5	O&M Charges for 1 Month		38.02	40.35	42.81	38.02	40.35	42.81
6	Maint Spares		88.53	93.96	99.69	88.53	93.96	99.69
7	Receivables for 2 Months		637.80	633.69	631.81	639.38	668.42	671.80
8	Working Capital		1112.72	1112.31	1116.29	1120.22	1180.63	1194.06
9	Intt @ 12.25%		136.31	136.26	136.75	137.23	144.63	146.27



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

O&M Charges

Form F3

S. No	Particulars	For FY 10			For FY 11			For FY 12			
		Installed Capacity	MPPGCL Share	Amount	Installed Capacity	MPPGCL Share	Amount	Installed Capacity	MPPGCL Share	Amount	
		MW	L Rs / MW	Cr.Rs	MW	L Rs / MW	Cr.Rs	MW	L Rs / MW	Cr.Rs	
Thermal	1	ATPS 2	240.00	17.84	42.82	240.00	18.94	45.46	240.00	20.10	48.24
	2	ATPS Chachai	240.00	17.84	42.82	240.00	18.94	45.46	240.00	20.10	48.24
	3	STPS 1	312.50	21.42	66.94	312.50	22.74	71.06	312.50	24.13	75.41
	4	STPS 2	410.00	14.28	58.55	410.00	15.16	62.16	410.00	16.09	65.97
	5	STPS 3	420.00	14.28	59.98	420.00	15.16	63.67	420.00	16.09	67.58
	6	Sarni	1142.50	16.23	185.46	1142.50	17.23	196.89	1142.50	18.29	208.95
	7	SGTPS 1	420.00	14.28	59.98	420.00	15.16	63.67	420.00	16.09	67.58
	8	SGTPS 2	420.00	14.28	59.98	420.00	15.16	63.67	420.00	16.09	67.58
	9	SGTPS 3	500.00	10.70	53.50	500.00	11.36	56.80	500.00	12.05	60.25
	10	SGTPS	1340.00	12.94	173.45	1340.00	13.74	184.14	1340.00	14.58	195.41
	11	Total Thermal	2722.50	14.76	401.73	2722.50	15.67	426.49	2722.50	16.62	452.60
Hydel	12	GandhiSagar	115.00	5.96	6.85	115.00	6.31	7.26	115.00	6.68	7.68
	13	Pench	160.00	5.96	9.54	160.00	6.31	10.10	160.00	6.68	10.69
	14	Rajghat	45.00	5.96	2.68	45.00	6.31	2.84	45.00	6.68	3.01
	15	Bargi	90.00	5.96	5.36	90.00	6.31	5.68	90.00	6.68	6.01
	16	Bansagar	425.00	5.96	25.33	425.00	6.31	26.82	425.00	6.68	28.39
	17	Madhikheda	60.00	5.96	3.58	60.00	6.31	3.79	60.00	6.68	4.01
	18	Birsinghpur	20.00	5.96	1.19	20.00	6.31	1.26	20.00	6.68	1.34
	19	Total Hydel	915.00	5.96	54.53	915.00	6.31	57.74	915.00	6.68	61.12
20	Total Th+Hydel	3637.50	12.54	456.26	3637.50	13.31	484.23	3637.50	14.12	513.72	



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

Return on Equity

Form F4

Amount in Rs. Cr.

Particulars		Gross Block as on 1. April 2009	Max Permissible Equity= 30%	Total Equity	Equity for RoE	Equity to be treated as Loan	RoE	Interest on Equity	Total Return for FY 10	Total Return for FY 11	Total Return for FY 12
1	ATPS Chachai	1 35.59	40.68	49.40	40.68	8.72	9.46	0.93	10.39	10.39	10.39
2	STPS Total	6 31.20	1 89.36	2 23.17	1 89.36	33.81	44.03	3.62	47.64	47.64	47.64
3	SGTPS Total	41 20.66	12 36.20	13 84.26	12 36.20	1 48.07	2 87.42	15.85	3 03.26	3 03.26	3 03.26
4	Total Thermal	48 87.45	14 66.24	16 56.83	14 66.24	1 90.59	3 40.90	20.40	3 61.30	3 61.30	3 61.30
5	Gandhi Sagar	10.30	3.09	3.53	3.09	0.44	0.72	0.05	0.77	0.77	0.77
6	Pench	96.24	28.87	38.58	28.87	9.71	6.71	1.04	7.75	7.75	7.75
7	Rajghat	82.81	24.84	28.39	24.84	3.55	5.78	0.38	6.16	6.16	6.16
8	Bargi	87.03	26.11	29.86	26.11	3.75	6.07	0.40	6.47	6.47	6.47
9	Bansagar	13 61.16	4 08.35	4 79.80	4 08.35	71.45	94.94	7.65	1 02.59	1 02.59	1 02.59
10	Madhikhera	2 14.67	64.40	72.31	64.40	7.91	14.97	0.85	15.82	15.82	15.82
11	Birsinghpur	52.15	15.64	17.88	15.64	2.23	3.64	0.24	3.88	3.88	3.88
12	Total Hydro	19 04.35	5 71.31	6 70.35	5 71.31	99.04	1 32.83	10.60	1 43.43	1 43.43	1 43.43
Total		67 91.81	20 37.54	23 27.18	20 37.54	2 89.64	4 73.73	31.00	5 04.73	5 04.73	5 04.73



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation Asset and Depreciation Details for FY 10

Form F5

S. No	Particulars	Gross Block				Provision for Depreciation					Net Assets	
		Opening	Addition	Adjustment	Closing	Opening	Rate	Addition	Adjustment	Closing	Opening	Closing
		Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.
Thermal	1 ATPS Chachai	135.59			135.59	94.83	1.43%	1.94		96.77	40.76	38.82
	2 Sarni	631.20			631.20	477.98	1.43%	9.03		487.01	153.22	144.19
	3 SGTPS	4120.66			4120.66	1173.80	4.77%	196.36		1370.16	2946.86	2750.50
	3 Malwa	32.66			32.66						32.66	32.66
	4 Total Thermal	4920.11			4920.11	1746.62	4.21%	207.32		1953.94	3173.49	2966.17
Hydel	5 Gandhi Sagar	10.30			10.30	8.07	2.11%	0.22		8.29	2.22	2.00
	6 Pench	96.24			96.24	61.43	3.08%	2.97		64.40	34.81	31.85
	7 Rajghat	82.81			82.81	25.00	4.87%	4.03		29.03	57.81	53.78
	8 Bargi	87.03			87.03	48.67	4.22%	3.67		52.34	38.35	34.68
	9 Bansagar	1361.16			1361.16	339.12	5.04%	68.55		407.66	1022.04	953.50
	10 Madhikheda	214.67			214.67	10.02	5.22%	11.20		21.22	204.66	193.45
	11 Birsinghpur	52.15			52.15	25.27	4.79%	2.50		27.77	26.88	24.38
12 Total Hydel	1904.35			1904.35	517.58	4.89%	93.13		610.71	1386.77	1293.64	
13 HQ	0.73			0.73	0.08	10.80%	0.08		0.16	0.65	0.57	
14 Total Th+Hydel	6825.20			6825.20	2264.28	4.40%	300.54		2564.81	4560.92	4260.38	

S. No	Particulars	Gross Block				Provision for Depreciation					Net Assets	
		Opening	Addition	Adjustment	Closing	Opening	Rate	Addition	Adjustment	Closing	Opening	Closing
		Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.
Account Code Wise	1 10.1	96.62			96.62	2.57	0.50%	0.49		3.06	94.05	93.57
	2 10.2	529.69			529.69	233.85	3.01%	15.94		249.79	295.84	279.90
	3 10.3	1208.80			1208.80	328.44	5.02%	60.70		389.14	880.36	819.66
	4 10.4	142.04			142.04	37.74	3.33%	4.73		42.47	104.30	99.57
	5 10.5	4690.85			4690.85	1591.04	4.51%	211.65		1802.69	3099.82	2888.17
	6 10.6	151.12			151.12	66.59	4.51%	6.81		73.40	84.53	77.72
	7 10.7	2.67			2.67	2.38	0.10%	0.00		2.39	0.29	0.29
	8 10.8	0.85			0.85	0.53	2.62%	0.02		0.55	0.32	0.30
	9 10.9	2.56			2.56	1.14	7.50%	0.19		1.33	1.42	1.23
	10 Total	6825.20			6825.20	2264.28	4.40%	300.54		2564.81	4560.92	4260.39



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation Form F5 Asset and Depreciation Details for FY 11

S. No	Particulars	Gross Block				Provision for Depreciation					Net Assets	
		Opening	Addition	Adjustment	Closing	Opening	Rate	Addition	Adjustment	Closing	Opening	Closing
		Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.
Thermal	1 ATPS Chachai	135.59			135.59	96.77	1.43%	1.94		98.70	38.82	36.89
	2 Sarni	631.20			631.20	487.01	1.40%	8.84		495.85	144.19	135.35
	3 SGTPS	4120.66			4120.66	1370.16	4.71%	194.10		1564.26	2750.50	2556.41
	3 Malwa	32.66			32.66						32.66	32.66
4 Total Thermal	4920.11			4920.11	1953.94	4.16%	204.87		2158.81	2966.17	2761.30	
Hydel	5 Gandhi Sagar	10.30			10.30	8.29	2.10%	0.22		8.51	2.00	1.79
	6 PENCH	96.24			96.24	64.40	3.08%	2.96		67.36	31.85	28.88
	7 Rajghat	82.81			82.81	29.03	4.87%	4.03		33.06	53.78	49.74
	8 Bargi	87.03			87.03	52.34	4.22%	3.67		56.01	34.68	31.01
	9 Bansagar	1361.16			1361.16	407.66	5.04%	68.55		476.21	953.50	884.95
	10 Madhikheda	214.67			214.67	21.22	5.22%	11.20		32.43	193.45	182.25
	11 Birsinghpur	52.15			52.15	27.77	4.71%	2.46		30.22	24.38	21.93
12 Total Hydel	1904.35			1904.35	610.71	4.89%	93.08		703.80	1293.64	1200.56	
13 HQ	0.73			0.73	0.16	10.80%	0.08		0.24	0.57	0.50	
14 Total Th+Hydel	6825.20			6825.20	2564.81	4.37%	298.03		2862.84	4260.38	3962.35	

S. No	Particulars	Gross Block				Provision for Depreciation					Net Assets	
		Opening	Addition	Adjustment	Closing	Opening	Rate	Addition	Adjustment	Closing	Opening	Closing
		Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.
Account Code Wise	1 10.1	96.62			96.62	3.06	0.50%	0.49		3.54	93.57	93.08
	2 10.2	529.69			529.69	249.79	2.99%	15.84		265.63	279.90	264.06
	3 10.3	1208.80			1208.80	389.14	5.02%	60.65		449.79	819.66	759.01
	4 10.4	142.04			142.04	42.47	3.33%	4.73		47.20	99.57	94.84
	5 10.5	4690.85			4690.85	1802.69	4.46%	209.34		2012.03	2888.17	2678.83
	6 10.6	151.12			151.12	73.40	4.49%	6.79		80.18	77.72	70.93
	7 10.7	2.67			2.67	2.39	0.10%	0.00		2.39	0.29	0.28
	8 10.8	0.85			0.85	0.55	2.59%	0.02		0.57	0.30	0.27
	9 10.9	2.56			2.56	1.33	6.79%	0.17		1.51	1.23	1.06
	10 Total	6825.20			6825.20	2564.81	4.37%	298.03		2862.84	4260.39	3962.35



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

As per Regulation Asset and Depreciation Details for FY 12

Form F5

S. No	Particulars	Gross Block				Provision for Depreciation					Net Assets	
		Opening	Addition	Adjustment	Closing	Opening	Rate	Addition	Adjustment	Closing	Opening	Closing
		Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.
Thermal	1 ATPS Chachai	135.59			135.59	98.70	1.43%	1.93		100.64	36.89	34.95
	2 Sarni	631.20			631.20	495.85	1.37%	8.65		504.50	135.35	126.70
	3 SGTPS	4120.66			4120.66	1564.26	4.64%	191.32		1755.58	2556.41	2365.09
	3 Malwa	32.66			32.66						32.66	32.66
	4 Total Thermal	4920.11			4920.11	2158.81	4.10%	201.91		2360.72	2761.30	2559.39
Hydel	5 Gandhi Sagar	10.30			10.30	8.51	2.05%	0.21		8.72	1.79	1.58
	6 Pench	96.24			96.24	67.36	3.08%	2.96		70.32	28.88	25.92
	7 Rajghat	82.81			82.81	33.06	4.87%	4.03		37.09	49.74	45.71
	8 Bargi	87.03			87.03	56.01	4.19%	3.65		59.66	31.01	27.37
	9 Bansagar	1361.16			1361.16	476.21	5.04%	68.55		544.76	884.95	816.41
	10 Madhikheda	214.67			214.67	32.43	5.22%	11.20		43.63	182.25	171.04
	11 Birsinghpur	52.15			52.15	30.22	4.71%	2.46		32.68	21.93	19.47
12 Total Hydel	1904.35			1904.35	703.80	4.89%	93.06		796.86	1200.56	1107.50	
13 HQ	0.73			0.73	0.24	10.80%	0.08		0.32	0.50	0.42	
14 Total Th+Hydel	6825.20			6825.20	2862.84	4.32%	295.04		3157.89	3962.35	3667.31	

S. No	Particulars	Gross Block				Provision for Depreciation					Net Assets	
		Opening	Addition	Adjustment	Closing	Opening	Rate	Addition	Adjustment	Closing	Opening	Closing
		Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.	Cr.Rs.
Account Code Wise	1 10.1	96.62			96.62	3.54	0.50%	0.49		4.03	93.08	92.59
	2 10.2	529.69			529.69	265.63	2.98%	15.79		281.42	264.06	248.27
	3 10.3	1208.80			1208.80	449.79	5.02%	60.65		510.44	759.01	698.36
	4 10.4	142.04			142.04	47.20	3.33%	4.73		51.93	94.84	90.11
	5 10.5	4690.85			4690.85	2012.03	4.41%	206.63		2218.66	2678.83	2472.19
	6 10.6	151.12			151.12	80.18	4.34%	6.55		86.74	70.93	64.38
	7 10.7	2.67			2.67	2.39	0.10%	0.00		2.39	0.28	0.28
	8 10.8	0.85			0.85	0.57	2.49%	0.02		0.59	0.27	0.25
	9 10.9	2.56			2.56	1.51	6.66%	0.17		1.68	1.06	0.88
	10 Total	6825.20			6825.20	2862.84	4.32%	295.04		3157.89	3962.35	3667.31



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

Loan and Interest Charges

Form F6

Amount in Rs. Cr.

Particulars		For FY 10						
		Opening Balance of Loan	Depreciation for Year	Loan Repayment Considered	Closing Balance of Loan	Average Loan	Interest Rate	Interest Charges
1	ATPS Chachai	5.37	1.94	1.94	3.43	4.40	10.49%	0.46
2	STPS Sarni	11.76	9.03	9.03	2.73	7.24	11.53%	0.84
3	SGTPS 840 MW	373.91	95.27	95.27	278.64	326.28	9.30%	30.34
4	SGTPS 500 MW	1,318.61	101.08	101.08	1,217.53	1268.07	11.58%	146.84
5	SGTPS Total	1,692.52	196.36	196.36	1,496.17	1594.34		177.19
6	Total Thermal	1,709.65	207.32	207.32	1,502.33	1605.99		178.48
7	Gandhi Sagar		0.22					
8	R.P. Sagar		0.07					
9	J Sagar		0.62					
10	Pench		2.97					
11	Rajghat	1.14	4.03	1.14		0.57	10.11%	0.06
12	Bargi		3.67					
13	Bansagar	302.66	68.55	68.55	234.12	268.39	8.69%	23.31
14	Madhikhera	118.00	11.20	11.20	106.79	112.39	10.46%	11.76
15	Birsinghpur		2.50					
16	Total Hydro	421.80	93.82	80.89	340.91	381.35		35.13
Total		2,131.45	301.14	288.21	1,843.24	1987.34		213.61



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

Loan and Interest Charges

Form F6

Amount in Rs. Cr.

Particulars		For FY 11						
		Opening Balance of Loan	Depreciation for Year	Loan Repayment Considered	Closing Balance of Loan	Average Loan	Interest Rate	Interest Charges
1	ATPS Chachai	3.43	1.94	1.94	1.50	2.46	10.49%	0.26
2	STPS Sarni	2.73	8.84	2.73		1.36	11.53%	0.16
3	SGTPS 840 MW	278.64	93.01	93.01	185.62	232.13	9.30%	21.59
4	SGTPS 500 MW	1,217.53	101.08	101.08	1,116.45	1166.99	11.58%	135.14
5	SGTPS Total	1,496.17	194.10	194.10	1,302.07	1399.12		156.73
6	Total Thermal	1,502.33	204.87	198.76	1,303.57	1402.95		157.14
7	Gandhi Sagar		0.22					
8	R.P. Sagar		0.06					
9	J Sagar		0.61					
10	Pench		2.96					
11	Rajghat		4.03				10.11%	
12	Bargi		3.67					
13	Bansagar	234.12	68.55	68.55	165.57	199.84	8.69%	17.36
14	Madhikhera	106.79	11.20	11.20	95.59	101.19	10.46%	10.59
15	Birsinghpur		2.46					
16	Total Hydro	340.91	93.75	79.75	261.16	301.03		27.94
Total		1,843.24	298.62	278.51	1,564.73	1703.98		185.08



M.P. Power Generating Co. Ltd
Tariff Petition FY 10- FY 12

Loan and Interest Charges

Form F6

Amount in Rs. Cr.

Particulars		For FY 12						
		Opening Balance of Loan	Depreciation for Year	Loan Repayment Considered	Closing Balance of Loan	Average Loan	Interest Rate	Interest Charges
1	ATPS Chachai	1.50	1.93	1.50		0.75	10.49%	0.08
2	STPS Sarni		8.65				11.53%	
3	SGTPS 840 MW	185.62	90.24	90.24	95.39	140.51	9.30%	13.07
4	SGTPS 500 MW	1,116.45	101.08	101.08	1,015.36	1065.91	11.58%	123.43
5	SGTPS Total	1,302.07	191.32	191.32	1,110.75	1206.41		136.50
6	Total Thermal	1,303.57	201.91	192.81	1,110.75	1207.16		136.58
7	Gandhi Sagar		0.21					
8	R.P. Sagar		0.05					
9	J Sagar		0.61					
10	Pench		2.96					
11	Rajghat		4.03				10.11%	
12	Bargi		3.65					
13	Bansagar	165.57	68.55	68.55	97.03	131.30	8.69%	11.40
14	Madhikhera	95.59	11.20	11.20	84.38	89.99	10.46%	9.41
15	Birsinghpur		2.46					
16	Total Hydro	261.16	93.72	79.75	181.41	221.28		20.82
Total		1,564.73	295.63	272.56	1,292.16	1428.44		157.39