

MAHARASHTRA STATE POWER GENERATION COMPANY LIMITED

Plot No. G-9, Prakashgad, Bandra (E), Mumbai – 400051

Website: www.mahagenco.in**PUBLIC NOTICE****Inviting Suggestions/Objections on Maharashtra State Power Generation Company Limited
Petition for approval of final true-up for FY 2014-15, provisional true-up for FY 2015-16 and
Multi Year Tariff for Third Control Period from FY 2016-17 to FY 2019-20**

1. Maharashtra State Power Generation Company Limited (MSPGCL) has filed its Petition (Case No. 46 of 2016) for approval of (i) final True-up for FY 2014-15, (ii) provisional True-up for FY 2015-16 and (iii) Multi Year Tariff for Third Control Period from FY 2016-17 to FY 2019-20. The filing for the trueing up for FY 2014-15 and provisional trueing up for FY 2015-16 is based on provisions of the MERC (Multi Year Tariff) Regulations, 2011. The filing for the Control Period from FY 2016-17 to FY 2019-20 is based on the provisions of the MERC (Multi Year Tariff) Regulations, 2015 and other relevant Regulations.
2. The Commission has admitted the Petition on **Tuesday 29 March, 2016** and directed MSPGCL to publish a Public Notice under Section 64(2) of the Electricity Act, 2003 inviting suggestions/objections from the public.
3. The salient features of the Petition are provided below:

Table 1(a): Availability, PLF, Gross Generation, Auxiliary Consumption and Net Generation for FY 2014-15

S. No.	Station/Unit	Availability (%)		PLF (%)		Gross Generation (MU)		Auxiliary Consumption (%)		Net Generation (MU)	
		Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
1	Bhusawal	80	45.64	80	40.03	2943.36	1,099.56	10.75	14.54	2626.95	939.71
2	Chandrapur	80	74.34	80	67.07	16398.72	12,507.87	8.75	8.97	14963.83	11,385.84
3	Khaperkheda	85	84.83	85	72.02	6254.64	5,126.01	9.71	10.67	5647.31	4,578.92
4	Koradi	72	60.45	72	53.29	3910.46	2,330.88	10.51	13.01	3499.47	2,027.68
5	Nashik	80	86.57	80	82.43	4415.04	4,202.01	13.48	11.23	3819.89	3,730.10
6	Parli	80	33.93	80	29.79	4415.04	1,516.84	14.21	12.67	3787.66	1,324.58
7	Uran	85	63.13	55	59.42	3237.7	3,477.64	3.00	2.91	3140.6	3,376.27
8	Paras Unit 3 & Unit 4	85	81.41	85	66.49	3723	2,930.22	8.50	11.32	3406.55	2,598.52
9	Parli Unit 6 & Unit 7	85	87.76	85	69.70	3723	3,065.47	8.50	10.57	3406.55	2,741.58
10	Khaperkheda Unit 5	85	88.14	85	74.97	3723	3,134.46	6.00	6.39	3499.6	2,934.21
11	Bhusawal Unit 4 & Unit 5	85.00	81.18	85.00	66.97	7446	5,296.11	6.00	7.19	6999.24	4,915.36
12	Koyna Hydro*	89.65	89.65			3,158.00	3,140.32	1.13	0.81	3,122.31	3,114.88
13	Bhira Hydro*	90.00	90.00			70.00	91.26	0.70	0.16	69.51	91.12
14	Tillari Hydro*	90.00	90.00			131.00	113.80	1.20	0.41	129.43	113.33

*Station wise details for the hydro stations for which the Commission had approved the Tariff in accordance with MERC MYT Regulations, 2011

Table 1(b): Station Heat Rate, Secondary Fuel Oil Consumption, and Transit Loss for FY 2014-15

S. No.	Station/Unit	Station Heat Rate (kcal/kWh)		Secondary Fuel Oil Consumption (ml/kWh)		Transit Loss (%)	
		Approved	Actual	Approved	Actual	Approved	Actual
1	Bhusawal	2,743.21	2,721.10	2.00	2.81	0.80%	0.83%
2	Chandrapur	2,679.52	2,669.02	2.00	1.32	0.80%	0.40%
3	Khaperkheda	2,607.54	2,597.28	2.00	1.13	0.80%	0.65%
4	Koradi	2,813.53	2,767.21	2.81	2.56	0.80%	0.74%
5	Nashik	2,718.58	2,697.72	3.00	0.97	0.80%	0.80%
6	Parli	2,841.30	2,803.98	2.00	1.00	0.80%	0.65%
7	Uran	2,021.00	2,019.49				
8	Paras Unit 3 & Unit 4	2,450.00	2,454.91	1.00	1.19	0.80%	0.67%
9	Parli Unit 6 & Unit 7	2,450.00	2,448.90	1.00	0.75	0.80%	0.65%
10	Khaperkheda Unit 5	2,425.00	2,431.89	1.00	0.67	0.80%	0.79%
11	Bhusawal Unit 4 & Unit 5	2,434.00	2,479.20	1.00	0.87	0.80%	0.80%

Table 2: Capitalisation for FY 2014-15

S. No.	Station/Unit	Capitalisation (Rs. Crore)	
		Approved as per MTPR Order (Case 15/2015)	Actual
1	Bhusawal	13.72	8.06
2	Chandrapur	2.79	45.98
3	Khaperkheda	53.46	51.78
4	Koradi	6.55	3.01
5	Nashik	26.14	29.06
6	Parli	0.39	13.32
7	Uran	21.75	21.64
8	Paras Unit 3 & Unit 4	2.29	21.53
9	Parli Unit 6 & Unit 7	20.95	41.23
10	Khaperkheda Unit 5	0	0
11	Koyna		0.24
12	Bhira		0.36
13	Tillari	8.07	0.23
14	Nashik Hydro		0.29
15	Pune Hydro		0.12
	Total	156.11	236.85

Table 3: Summary of true up for FY 2014-15 as per the provisions of MERC MYT Regulations, 2011

Particulars	Actual / Normative	Amount (Rs. Crore)	Entitlement after sharing gains and Losses (Rs Crore)
Cost of Generation including Lease Rentals	Actual	12,755.57	12,884.42
O & M Expenses	Actual	1,924.50	1,896.92
Depreciation & H.O. Depreciation	Normative	885.48	881.12
Interest & Finance Charges on Long Term Loans	Normative	1,156.76	1,149.97
Interest on working capital	Normative	641.08	605.43
Income tax	Actual	182.78	182.78
Return on Equity	Normative	938.78	921.59

Particulars	Actual / Normative	Amount (Rs. Crore)	Entitlement after sharing gains and Losses (Rs Crore)
Other Debits	Actual	-	
Prior period expenses	Actual	(8.02)	(8.02)
Total Expense		18,476.94	18794.71
Less NTI (MSPGCL)	Actual	1,164.44	1164.44
Less : Reduction in AFC due to lower availability			(267.20)
ARR		17,312.50	17363.07

Table No. 3 (a) : Net True up Claim for FY 2014-15

<i>Net true up for FY 2014-15</i>	
Particulars	Amount (Rs. Crore)
Expense Side Summary (A)	17,363.07
Revenue Side Summary (B)	17,290.23
Net True up amount (A-B)	72.84
Add: Impact of Actuarial Variation	225.46
Total True up claim for FY 2014-15	298.30

Table 4(a): Availability, PLF, Gross Generation, Auxiliary Consumption and Net Generation for FY 2015-16

S. No.	Station/Unit	Availability (%)		PLF (%)		Gross Generation (MU)		Auxiliary Consumption (%)		Net Generation (MU)	
		Approved	Projection	Approved	Projection	Approved	Projection	Approved	Projection	Approved	Projection
1	Bhusawal	80.00%	69.79	80.00%	69.24	2951.42	1,975.85	9.94%	10.51%	2658.05	1,768.25
2	Chandrapur	80.00%	76.91	80.00%	74.26	16443.65	13,222.09	8.71%	8.60%	15011.41	12,084.98
3	Khaperkheda	85.00%	78.51	85.00%	73.07	6271.78	5,226.87	9.70%	10.47%	5663.41	4,679.76
4	Koradi	72.00%	64.18	72.00%	61.16	3921.18	2,369.19	9.91%	11.76%	3532.59	2,090.68
5	Nashik	80.00%	85.12	80.00%	82.93	4427.14	4,385.34	13.41%	10.78%	3833.46	3,912.72
6	Parli	80.00%	11.18	80.00%	9.77	4427.14	450.49	14.57%	14.73%	3782.10	384.13
7	Uran	85.00%	45.45	55.00%	42.64	3246.57	2,514.36	3.00%	3.15%	3149.17	2,435.21
8	Paras Unit 3 & 4	85.00%	87.64	85.00%	83.97	3733.20	3,608.61	8.50%	10.83%	3415.88	3,217.97
9	Parli Unit 6 & 7	85.00%	24.47	85.00%	20.58	3733.20	869.69	8.50%	11.16%	3415.88	772.64
10	Khaperkheda Unit 5	85.00%	86.40	85.00%	83.13	3733.20	3,495.24	6.00%	6.29%	3509.21	3,275.39
11	Bhusawal Unit 4 & 5	85.00	85.00	85.00	84.06	7,466.40	6,962.38	6.00%	6.30%	7,018.42	6,523.49
12	Koyna Hydro*	89.65	89.65			3,158.00	3,112.00	1.13%	1.13%	3,122.31	3,076.83
13	Bhira Hydro*	90.00	90.00			70.00	83.19	0.70%	0.19%	69.51	83.03
14	Tillari Hydro*	90.00	90.00			131.00	84.59	1.20%	0.56%	129.43	84.11

* Station wise details for the hydro stations for which the Commission had approved the Tariff in accordance with MERC MYT Regulations, 2011

Table 4(b): Station Heat Rate, Secondary Fuel Oil Consumption, and Transit Loss for FY 2015-16

S. No.	Station/Unit	Station Heat Rate (kcal/kWh)		Secondary Fuel Oil Consumption (ml/kWh)		Transit Loss (%)	
		Approved	Projection	Approved	Projection	Approved	Projection
1	Bhusawal	2,739.46	2,719.47	2.00	0.56	0.80%	0.78%
2	Chandrapur	2,683.63	2,630.89	2.00	0.93	0.80%	0.63%
3	Khaperkheda	2,606.70	2,604.07	2.00	1.88	0.80%	0.60%
4	Koradi	2,760.72	2,713.22	2.81	2.03	0.80%	0.57%
5	Nashik	2,715.26	2,697.89	3.00	0.66	0.80%	0.69%
6	Parli	2,850.35	2,863.71	2.00	3.21	0.80%	0.65%
7	Uran	2,025.00	2,079.31				

S. No	Station/Unit	Station Heat Rate (kcal/kWh)		Secondary Fuel Oil Consumption (ml/kWh)		Transit Loss (%)	
		Approved	Projection	Approved	Projection	Approved	Projection
8	Paras Unit 3 & 4	2,450.00	2,445.63	1.00	0.60	0.80%	0.71%
9	Parli Unit 6 & 7	2,450.00	2,447.31	1.00	0.10	0.80%	0.65%
10	Khaperkheda Unit 5	2,425.00	2,428.59	1.00	0.54	0.80%	0.75%
11	Bhusawal Unit 4 & 5	2,434.00	2,436.16	1.00	0.61	0.80%	0.78%

Table 5: Capitalisation for FY 2015-16

S. No.	Station/Unit	Capitalisation (Rs. Crore)	
		Approved as per MTPR Order (Case 15/2015)	Revised Estimates
1	Bhusawal	6.43	18.71
2	Chandrapur	124.34	277.62
3	Khaperkheda	36.82	38.30
4	Koradi	4.38	9.99
5	Nashik	69.85	81.27
6	Parli	0.00	24.13
7	Uran	0.18	0.00
8	Paras Unit 3 & 4	4.20	6.61
9	Parli Unit 6 & 7	0.00	0.28
10	Khaperkheda Unit 5	0.00	0.00
11	Koyana	4.73	8.47
12	Bhira	0.00	0.47
13	Tillari	0.00	1.11
14	Nashik Hydro	0.00	0.04
15	Pune Hydro	0.00	1.33
	Total	250.93	468.33

Table 6: Summary of provisional true up for FY 2015-16

Particulars	Estimate for FY 2015-16 (Rs. crore)
Variable Charges	
Fuel Cost including Lease Rentals	12,595.17
Capacity Charges	
O&M Expenses	2,443.25
Interest on Long Term Loans	1,057.50
IoWC	663.94
Other Debits	-
Depreciation	917.33
Return on Equity	952.67
Income Tax	182.78
Prior period expenses	(8.02)
Less:- N T I	778.35
Aggregate Revenue Requirement	18,026.28
Less : Expected disallowance in AFC	755.20
Net ARR	17,271.08

Net Provisional true up for FY 2015-16	
Particulars	Amount (Rs. crore)
Expense Side Summary (A)	17,271.08
Revenue Side Summary (B)	17,718.49
Net Provisional True up amount (A-B)	(447.40)

Table 7(a): Availability and PLF for FY 2016-17 to FY 2019-20

S. No.	Station/Unit	Availability/NAPAF (%)				PLF (%)			
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
1	Bhusawal	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
2	Chandrapur	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
3	Khaperkheda	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
4	Koradi	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00
5	Nashik	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
6	Parli	80.00	80.00	80.00	80.00	-	-	-	-
7	Uran	85.00	85.00	85.00	85.00	46.80	46.80	46.80	46.80
8	Paras Unit 3 & Unit 4	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
9	Parli Unit 6 & Unit 7	63.80	85.00	85.00	85.00	63.80	85.00	85.00	85.00
10	Khaperkheda Unit 5	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
11	Bhusawal Unit 4 & 5	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
12	Chandrapur Unit 8	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
13	Chandrapur Unit 9	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
14	Koradi Unit 8	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
15	Koradi Unit 9	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
16	Koradi Unit 10	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
17	Parli Unit 8	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
18	Koyna Hydro*	89.65	89.65	89.65	89.65				
19	Bhira Hydro*	90.00	90.00	90.00	90.00				
20	Tillari Hydro*	90.00	90.00	90.00	90.00				

*Separate details for each hydro station with installed capacity more than 25 MW

Table 7(b): Auxiliary Consumption and Station Heat Rate for FY 2016-17 to FY 2019-20

No.	Station/Unit	Auxiliary Consumption (%)				Station Heat Rate (kcal/kWh)			
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
1	Bhusawal	10.96	10.96	10.96	10.96	2,761.00	2,770.00	2,779.00	2,787.00
2	Chandrapur	8.67	8.67	8.67	8.67	2,661.00	2,670.00	2,679.00	2,688.00
3	Khaperkheda	9.70	9.70	9.70	9.70	2,606.00	2,614.00	2,622.00	2,630.00
4	Koradi	10.81	10.81	10.81	10.81	2,864.00	2,874.00	2,884.00	2,893.00
5	Nashik	11.00	11.00	11.00	11.00	2,727.00	2,736.00	2,745.00	2,754.00
6	Parli	-	-	-	-	-	-	-	-
7	Uran	3.00	3.00	3.00	3.00	2,023.00	2,027.00	2,031.00	2,035.00
8	Paras Unit 3 & Unit 4	10.63	10.63	10.63	10.63	2,450.00	2,450.00	2,450.00	2,450.00
9	Parli Unit 6 & Unit 7	10.63	10.63	10.63	10.63	2,450.00	2,450.00	2,450.00	2,450.00
10	Khaperkheda Unit 5	6.00	6.00	6.00	6.00	2,375.00	2,375.00	2,375.00	2,375.00
11	Bhusawal Unit 4 & 5	6.00	6.00	6.00	6.00	2,375.00	2,375.00	2,375.00	2,375.00
12	Chandrapur Unit 8	6.00	6.00	6.00	6.00	2362.95	2362.95	2362.95	2362.95
13	Chandrapur Unit 9	6.00	6.00	6.00	6.00	2362.95	2362.95	2362.95	2362.95

No.	Station/Unit	Auxiliary Consumption (%)				Station Heat Rate (kcal/kWh)			
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
14	Koradi Unit 8	6.00	6.00	6.00	6.00	2264.66	2264.66	2264.66	2264.66
15	Koradi Unit 9	6.00	6.00	6.00	6.00	2264.66	2264.66	2264.66	2264.66
16	Koradi Unit 10	6.00	6.00	6.00	6.00	2264.66	2264.66	2264.66	2264.66
17	Parli Unit 8	8.50	8.50	8.50	8.50	2421.80	2421.80	2421.80	2421.80
12	Koyna Hydro*	1.11	1.13	1.13	1.13				
13	Bhira Hydro*	0.16	0.16	0.16	0.16				
14	Tillari Hydro*	0.43	0.43	0.43	0.43				

*Separate details for each hydro station with installed capacity more than 25 MW

Table 7(c): Secondary Fuel Oil Consumption and Transit Loss for FY 2016-17 to FY 2019-20

S. No.	Station/Unit	Secondary Fuel Oil Consumption (ml/kWh)				Transit Loss (%)			
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
1	Bhusawal	2.00	2.00	2.00	2.00	0.80	0.80	0.80	0.80
2	Chandrapur	2.00	2.00	2.00	2.00	0.80	0.80	0.80	0.80
3	Khaperkheda	2.00	2.00	2.00	2.00	0.80	0.80	0.80	0.80
4	Koradi	2.81	2.81	2.81	2.81	0.80	0.80	0.80	0.80
5	Nashik	1.50	1.50	1.50	1.50	0.80	0.80	0.80	0.80
6	Parli	-	-	-	-	-	-	-	-
7	Uran	-	-	-	-	-	-	-	-
8	Paras Unit 3 & 4	1.00	1.00	1.00	1.00	0.80	0.80	0.80	0.80
9	Parli Unit 6 & 7	1.00	1.00	1.00	1.00	0.80	0.80	0.80	0.80
10	Khaperkheda Unit 5	1.00	1.00	1.00	1.00	0.80	0.80	0.80	0.80
11	Bhusawal Unit 4 & 5	1.00	1.00	1.00	1.00	0.80	0.80	0.80	0.80
12	Chandrapur Unit 8	0.5	0.5	0.5	0.5	0.8	0.8	0.8	0.8
13	Chandrapur Unit 9	0.5	0.5	0.5	0.5	0.8	0.8	0.8	0.8
14	Koradi Unit 8	0.5	0.5	0.5	0.5	0.8	0.8	0.8	0.8
15	Koradi Unit 9	0.5	0.5	0.5	0.5	0.8	0.8	0.8	0.8
16	Koradi Unit 10	0.5	0.5	0.5	0.5	0.8	0.8	0.8	0.8
17	Parli Unit 8	0.5	0.5	0.5	0.5	0.8	0.8	0.8	0.8

Table 7(d): Gross Generation and Net Generation for FY 2016-17 to FY 2019-20

S. No.	Station/Unit	Gross Generation (MU)				Net Generation (MU)			
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
1	Bhusawal	1,471.68	1,471.68	1,471.68	1,475.71	1,310.38	1,310.38	1,310.38	1,313.97
2	Chandrapur	13,455.36	13,455.36	13,455.36	13,492.22	12,288.78	12,288.78	12,288.78	12,322.45
3	Khaperkheda	5,886.72	5,886.72	5,886.72	5,902.85	5,315.71	5,315.71	5,315.71	5,330.27
4	Koradi	2,585.95	2,649.02	2,649.02	2,656.28	2,306.41	2,362.66	2,362.66	2,369.14
5	Nashik	4,415.04	4,415.04	4,415.04	4,427.14	3,929.39	3,929.39	3,929.39	3,940.15
6	Parli	-	-	-	-	-	-	-	-
7	Uran	2,754.98	2,754.98	2,754.98	2,762.53	2,672.34	2,672.34	2,672.34	2,679.66
8	Paras Unit 3 & 4	3,723.00	3,723.00	3,723.00	3,733.20	3,327.25	3,327.25	3,327.25	3,336.36
9	Parli Unit 6 & 7	2,794.44	3,723.00	3,723.00	3,733.20	2,497.39	3,327.25	3,327.25	3,336.36
10	Khaperkheda Unit 5	3,723.00	3,723.00	3,723.00	3,733.20	3,499.62	3,499.62	3,499.62	3,509.21
11	Bhusawal Unit 4 & 5	7,446.00	7,446.00	7,446.00	7,466.40	6,999.24	6,999.24	6,999.24	7,018.42
12	Chandrapur Unit 8	3723	3723	3723	3733.2	3499.62	3499.62	3499.62	3509.21
13	Chandrapur Unit 9	3417	3723	3723	3733.2	3211.98	3499.62	3499.62	3509.21
14	Koradi Unit 8	4914.36	4914.36	4914.36	4927.824	4619.50	4619.50	4619.50	4632.15

S. No.	Station/Unit	Gross Generation (MU)				Net Generation (MU)			
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
15	Koradi Unit 9	4914.36	4914.36	4914.36	4927.824	4619.50	4619.50	4619.50	4632.15
16	Koradi Unit 10	3689.136	4914.36	4914.36	4927.824	3467.79	4619.50	4619.50	4632.15
17	Parli Unit 8	1397.4	1861.5	1861.5	1866.6	1278.62	1703.27	1703.27	1707.94
12	Koyna Hydro*	3,113.00	3,113.00	3,113.00	3,113.00	3,078.45	3,077.82	3,077.82	3,077.82
13	Bhira Hydro*	90.12	90.45	90.65	90.75	89.98	90.31	90.50	90.60
14	Tillari Hydro*	110.12	110.14	110.55	110.65	109.65	109.67	110.07	110.17
	Total	73,624.67	76,611.97	76,612.58	76,813.60	68,121.60	70,871.43	70,872.02	71,057.39

*Separate details for each hydro station with installed capacity more than 25 MW

Table 8: Capitalisation for FY 2016-17 to FY 2019-20

S. No.	Station/Unit	Capitalisation (Rs. Crore)			
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
1	Bhusawal	31.83	39.80	7.72	0
2	Chandrapur	146.64	308.94	336.03	119.08
3	Khaperkheda	55.06	71.48	8.70	8.00
4	Koradi	472.80	57.66	178.53	25.00
5	Nashik	98.54	95.60	90.23	90.79
6	Parli	39.53	99.98	69.72	66.14
7	Uran	19.14	57.85	61.00	97.14
8	Paras Unit 3 & 4	28.40	62.81	13.00	70.37
9	Parli Unit 6 & 7	26.12	40.87	19.94	18.83
10	Khaperkheda Unit 5	-	6.52	10.99	3.90
11	Bhusawal Unit 4 & 5	46.52	96.89	30.80	3.00
12	Koyna	24.12	20.22	44.19	13.50
13	Bhira	-	2.51	0.18	0.70
14	Tillari	4.71	5.11	1.55	0.25
15	Nashik Hydro	12.88	7.20	2.50	-
16	Pune Hydro	-	13.49	3.06	5.38
	Total	1,006.30	986.94	878.14	522.08

Table 9: Projections of Aggregate Revenue Requirement for MSPGCL (Rs. Crore)

Particulars	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
Fuel Related Expenses	11,266.16	11,622.41	11,700.34	11,881.82
Operation and Maintenance Expenses	2,354.68	2,347.62	2,378.17	2,356.63
Depreciation	1,002.10	1,066.07	1,156.41	1,321.05
Interest on Loan Capital	959.47	898.85	838.10	756.43
Interest on Working Capital	397.58	402.73	414.11	421.03
Return on Equity Capital	471.73	477.44	1,029.01	1,049.50
Income Tax	182.78	182.78	182.78	182.78
Lease Rent for Hydro Stations	526.02	514.50	503.20	492.13
Less: Other Income	113.40	113.40	113.40	113.40
Aggregate Revenue Requirement	17,047.12	17,399.02	18,088.72	18,347.98

Table 10: Tariff Proposal for FY 2016-17 to FY 2019-20

S. No.	Station/Unit	FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20	
		AFC/CC (Rs. Crore)	ECR (Rs/kWh)	AFC/CC (Rs. Crore)	ECR (Rs/kWh)	AFC/CC (Rs. Crore)	ECR (Rs/kWh)	AFC/CC (Rs. Crore)	ECR (Rs/kWh)
1	Bhusawal	138.11	2.59	145.48	2.61	158.70	2.62	158.86	2.64
2	Chandrapur	784.60	2.56	819.33	2.59	949.09	2.62	1,025.60	2.66
3	Khaperkheda	436.03	2.50	457.77	2.52	558.70	2.53	567.97	2.55
4	Koradi	351.81	2.97	315.45	2.98	353.09	2.99	354.30	3.01
5	Nashik	333.37	3.39	345.60	3.41	379.56	3.43	390.94	3.45
6	Parli*	26.32	Units under reserve shutdown	33.01	Units under reserve shutdown	45.57	Units under reserve shutdown	55.79	Units under reserve shutdown
7	Uran	130.52	2.71	142.05	2.97	183.72	2.99	210.47	3.27
8	Paras Unit 3 & Unit 4	512.00	2.16	500.47	2.17	553.10	2.18	542.00	2.19
9	Parli Unit 6 & Unit 7	521.26	2.50	515.21	2.48	581.42	2.48	574.20	2.49
10	Khaperkheda Unit 5	604.83	2.41	589.80	2.41	628.40	2.42	617.13	2.42
11	Bhusawal Unit 4 & Unit 5	1,244.23	2.18	1,224.99	2.19	1,304.53	2.20	1,282.32	2.20
12	Koyna Hydro#	128.81	0.20	126.85	0.20	139.65	0.24	143.50	0.23
13	Bhira Hydro#	4.81	0.34	4.89	0.38	5.11	0.31	5.19	0.41
14	Tillari Hydro#	4.70	0.18	5.31	0.20	5.79	0.25	5.79	0.22
16	Hydro Lease Rent	526.00		514.49		503.18		492.13	

AFC=Annual Fixed Charges; CC=Capacity Charges; ECR=Energy Charge Rate

* Idle capacity charges for Parli units # 4 & 5 for Reserve Shutdown

#Separate details for each hydro station with installed capacity more than 25 MW

Table 11 : Revised Provisional Tariff for Upcoming units

Unit#	FY 16-17		FY 17-18		FY 18-19		FY 19-20	
	AFC (Rs Crs)	Energy Charge (Rs/Kwh)	AFC (Rs Crs)	Energy Charge (Rs/Kwh)	AFC (Rs Crs)	Energy Charge (Rs/Kwh)	AFC (Rs Crs)	Energy Charge (Rs/Kwh)
Chandrapur Unit 8	592.17	2.38	580.72	2.38	621.88	2.38	609.56	2.38
Chandrapur Unit 9	590.88	2.38	580.72	2.38	621.88	2.38	609.56	2.38
Koradi Unit 8	725.22	2.36	704.65	2.36	756.10	2.36	735.96	2.36
Koradi Unit 9	723.52	2.36	704.71	2.36	756.17	2.36	736.03	2.36
Koradi Unit 10	557.20	2.36	702.83	2.36	753.88	2.36	733.32	2.36
Parli Unit 8	351.28	2.47	345.78	2.47	369.56	2.47	361.55	2.47

4. Copies of the following documents can be obtained on written request from the offices of MSPGCL mentioned below:

- Executive Summary of the proposals (free of cost, in Marathi or English).
- Detailed Petition documents along with CD (in English) (on payment of Rs. 150/- by DD/ Cheque/ Cash drawn on "Maharashtra State Power Generation Company Limited".
- Detailed Petition documents (in English) (on payment of Rs. 100/-).
- CD of detailed Petition document (in English) (on payment of Rs. 50/-).

Head Office:

Chief Engineer, Regulatory & Commercial Deptt.,
Maharashtra State Power Generation Co. Ltd.
3rd Floor, Prakashgad,
Bandra (E), Mumbai - 400051
Other Offices of:

1. The Chief Engineer, GTPS Uran,Bokadvira,Uran Dist. Raigad –400702. STD Code: (022) Phone:27222285, Fax: 27222235/27221157	2. The Chief Engineer, CSTPS, Urja Bhavan, PO. Urjanagar, Dist. Chandrapur- 442404. STD Code-07172, Phone: 220155-59, Fax: 220203	3. The Chief Engineer, Koradi TPS, Urja Bhavan, Adm. Bldg., Koradi (Nagpur)-41111, STD Code-07109, Phone-262141/46, Fax – 262127
4. The Chief Engineer, Khaperkheda TPS, Post- Khaperkheda, Dist. Nagpur STD Code-07113, Phone-268168, Fax- 268123	5. The Chief Engineer, Parli TPS, Parli Vaijanath Dist. Beed- 431520 STD Code-02446, Phone-222357- 60, Fax-222492	6. The Chief Engineer, Bhusawal TPS Post Deepnagar, Bhusawal, Dist. Jalgaon – 425307, STD Code-02582, Phone-250012/84/88, Fax-250308
7. The Chief Engineer, Nashik TPS Adm Bldg, PO Eklahare, Nashik-422105, STD Code – 0253, Phone- 2810291/99, Fax-2810072	8. The Chief Engineer, TPS, Paras,Vidyut Nagar,Paras Dist. Akola-444109, STD Code-07257, Phone-234848, Fax-23 4846	9. The Supdtg. Engineer, Hydro Power Circle, PUNE,Prakash Bhavan, Plot No106,5th Floor,Senapati Bapat Marg Pune- 4110161. STD Code-020, Phone- 25637610, Fax-25630359
10. The Dy. Chief Engineer, (TIC), Vidyut Bhavan, Katol Road, Nagpur – 440013, STD Code-0712, Phone – 2592374/2691623, Fax-2591717.		

5. Suggestions/objections may be submitted in English or Marathi, in six (1+5) copies, to the **Secretary, Maharashtra Electricity Regulatory Commission, 13th Floor, Centre No.1, World Trade Centre, Cuffe Parade, Mumbai-400 005** or by Fax or E-mail [Fax: **22163976** E-Mail: mercindia@merc.gov.in] by **Friday, 22 April, 2016**, along with proof of service on MSPGCL [Maharashtra State Power Generation Company Limited, Regulatory and Commercial Department, Prakashgad, 3rd Floor, Bandra(E), Mumbai 400051, Fax No. 022 26580643, Email ID rcgen@mahagenco.in] and should carry the full name, postal address and E-mail address, if any, of the sender. It should be indicated whether the suggestion/objection is being filed on behalf of any organization or category of consumers. It should also be mentioned if the sender wants to be heard in person, in which case opportunity would be given by the Commission at the Public Hearing to be held at the **Office of the Commission, 13th Floor, World Trade Centre, Cuffe Parade, Colaba, Mumbai-400005, Tuesday, 26 April, 2016 at 1100 Hrs**, for which no separate notice will be given.
6. MSPGCL shall reply to each of the Suggestions/Objections received within three days of their receipt but not later than **Monday, 25 April, 2016** for all the suggestions/objections received till **Friday, 22 April, 2016**. Rejoinders may be submitted on replies provided by MSPGCL either during the Public Hearing or by Friday 29 April, 2016.
7. The detailed Petition document and the Summary are available on MSPGCL's website www.mahagenco.in and the Executive Summary is also available on the websites of the Commission www.mercindia.org.in/www.merc.gov.in in downloadable format (free of cost).

Sd/-

Name: Shri Umkant Dhamankar

Designation: Chief Engineer

Maharashtra State Power Generation Co. Ltd