


MADHYA PRADESH POWER GENERATING COMPANY LIMITED

(A GOVERNMENT OF M.P. UNDERTAKING)

CIN-U40109MP2001SGC014882

 BLOCK NO.9, SHAKTI BHAWAN, VIDYUT NAGAR, RAMPUR: JABALPUR (M.P.)482008
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No. 07-12/CS-MPPGCL/CERC/659

Jabalpur, Date: 15/05/18

To,

 ✓ The Secretary,
 Central Electricity Regulatory Commission.
 3rd Floor, Chanderlok Building,
 36, Janpath,
 New Delhi-110001.

 Sub: CERC Terms and Conditions of Tariff for the period starting from
 01.04.2019 to 31.03.2024

 Ref: 1. Letter of Hon'ble CERC dated 07.03.2018.
 2. Hon'ble CERC order dated 02.05.2018.

Vide above referred letter dated 07.03.2018, the Hon'ble CERC has desired to provide actual operational data and O&M Expenses of respective State Gencos in the prescribed formats (Annexure-I to XIX) towards formulation of Terms & Conditions of Tariff Regulations for the period commencing from 01.04.2019 to 31.03.2024.

In this regard, please find enclosed herewith the information in prescribed formats pertaining to Madhya Pradesh Power Generating Co.Ltd, wherein the O&M Expenses excludes the impact of 7th pay Commission. The soft copy of same has also been mailed on email ids- secy@cercind.gov.in, secyskj@gmail.com.

Please acknowledge the receipt.

✓ Encl: as above

 ✓
 Chief (Ex-ss.)
 (P.D.)
 21/5/18
 18/05/18

 ✓
 (S. K. Saxena)
 Chief Engineer (C.S.)
 MPPGCL: JABALPUR

 31/05/2018 (-II) 23.33
 P1. complete 21/5
 21/5/18 -II
 ✓

 O/o Chief Engineer (C.S.), MPPGCL, Jabalpur (MP) Email ID: acecp.mppgcl@yahoo.in
 Phone No.0761-2702505, Fax No.0761-2660730

ATPS, Chachai							
S. No.	Particulars	Units	Year				
			2012-13	2013-14	2014-15	2015-16	2016-17
1	Name of Company		M.P. POWER GENERATING COMPANY LIMITED				
2	Name of station		AMARKANTAK THERMAL POWER STATION				
3	Installed Capacity and Configuration	MW	210 MW				
4	Rated Steam Parameters (Also state the type of Steam turbine and Boiler)		Pressure -147 kg, Temp-540 degree Turbine Type- KWU Turbine				
5	Type of BFP		FK6D30 barrel type				
6	Circulating water system		Closed Cycle with forced draught cooling towers.				
7	Any other site specific feature		Intake water is taken from reservoir integrated with plant.				
8	Fuels :						
8.1	Primary Fuel :		Coal				
8.1.1	Annual Allocation or/and Requirement	MT	20 LMT				
8.1.2	Source of Supply / Procurement along with contracted quantity and grade of coal		SECL / 20 LMT / All Grades				
8.1.2	FSA	MT	20(LMT)				
8.1.2	Imported	MT	75690.88	229513.17	4013.72	0	3934.06
8.1.2	Spot Market / e-Auction	MT	--	--	--	--	--
8.1.3	Transportation Distance of the station from the source of supply	KM	8 to 286				
8.1.4	Mode of Transport		Rail and MGR				
8.1.5	Maximum Station capability to stock primary fuel	Days & MT	2 (LMT)				
8.1.6	Maximum stock maintained for primary fuel		113067	97823	133178	140254	94560
8.1.7	Minimum stock maintained for primary fuel		21962	4024	3902	38578	43937
8.1.8	Average stock maintained for primary fuel		57709	50774	62419	81662	58679
8.2	Secondary Fuel:		HFO & LDO				
8.2.1	Annual Requirement	KL	HFO - 600 KL & LDO - 900 KL				
8.2.2	Sources of supply		M/s IOCL / M/s HPCL / M/s BPCL				
8.2.3	Transportation Distance of the station from the sources of supply	km	Indore -730 Kms.	Mumbai-1275 Kms.	Bhopal-555 Kms.		
8.2.4	Mode of Transport		By road				
8.2.5	Maximum Station capability to stock secondary fuel	KL	HFO Storage capacity - 1800 KL LDO Storage Capacity - 900 KL				
8.2.6	Maximum stock of secondary oil actually maintained	KL	HFO - 1800 KL LDO - 900 KL				
8.2.7	Minimum stock of secondary oil actually maintained		HFO - 600 KL LDO - 450 KL				
10	Generation:						
10.1	Actual Gross Generation at generator terminals	MU	1565.55	1665.68	1606.90	1785.71	1481.04
10.2	Actual Net Generation Ex-bus	MU	1408.72	1501.34	1453.08	1613.05	1338.09
10.3	Scheduled Generation Ex-bus	MU	1406.02	1499.10	1449.21	1611.14	1343.58
11	Average Declared Capacity (DC)	MW	166.52	182.88	169.30	187.14	165.09
12	Actual Auxiliary Energy Consumption excluding colony consumption	MU	156.84	164.34	153.83	172.66	142.94
13	Actual Energy supplied to colony from the station	MU	0.00	0.00	0.00	0.00	0.00
14	Primary Fuel :						
14.1	Consumption :						
14.1.1	Domestic Coal from linked mines	MT	2087794	1990894	1410768	1057687	880459
	Domestic Coal from Non-linked mines	MT	--				
14.1.2	Imported Coal	MT	75691	185314	48213	0	3934
	Total	MT	2163485	2176208	1458981	1057687	884393
14.1.3	Spot Market / e-Auction Coal	MT	--				
14.2	Gross Calorific Value (GCV) :						
14.2.1	Domestic Coal (As Billed)	kcal/kg	5344	5323	5288	5270	5257
	Domestic Coal (As Received)	kcal/kg	4992	4945	4903	4646	4455
	Domestic Coal (As Fired)	kcal/kg	3841	3866	3906	4100	4029
14.2.2	Imported Coal (As Billed)	kcal/kg	6424	6511	6046	6258	Nil
	Imported Coal (As Received)	kcal/kg	6424	6511	6046	6258	Nil
14.2.3	Spot Market / e-Auction Coal (As Billed)	kcal/kg	--				
	Spot Market / e-Auction Coal (As Received)	kcal/kg	--				
14.2.4	Weighted Average Gross Calorific value (As Billed)	kcal/kg	5382.20	5447.29	5289.94	5270.00	5233.73

ATPS, Chachai							
S. No.	Particulars	Units	Year				
			2012-13	2013-14	2014-15	2015-16	2016-17
14.2.5	Weighted Average Gross Calorific value (As Received)	kcal/kg	5042.65	5108.84	4905.93	4646.00	4435.28
14.2.6	Weighted Average Gross Calorific value (As Fired)	kcal/kg	3841.00	3866.00	3906.00	4100.00	4029.00
14.3	Price of Coal:						
14.3.1	Weighted Average Landed price of Domestic coal	(Rs./MT)	1762	1895	2076	2421	2686
14.3.2	Weighted Average Landed price of Imported coal	(Rs./MT)	7080	7374	7742	0	8120
14.3.3	Weighted Average Landed price of Spot Market / e-Auction Coal	(Rs./MT)	--				
14.3.4	Weighted Average Landed price of all the coals	(Rs./MT)	1950	2470	2090	2421	2710
14.4	Blending:	% and MT (of the total coal consumed)					
14.4.1	Blending ratio of imported coal with domestic coal	Equivalent to domestic coal	0.80	0.80	0.80	0.80	0.80
14.4.2	Proportion of e-auction coal in the blending		--				
14.4.3	Actual Average Coal Stock Maintained	Days and MT	NA				
14.5	Actual Transit & Handling Losses for Coal / Lignite:	(%)					
14.5.1	Pit-Head Station						
14.5.1.1	Transit loss from linked mines	(%)	0.17	0.18	0.12	0.11	0.20
14.5.1.2	Transit loss from non-linked mines including e-auction coal mines	(%)	--				
14.5.1.3	Transit loss of imported coal	(%)	Nil				
14.5.2	Non-Pit Head Station						
14.5.2.1	Transit loss from linked mines	(%)	0.75	0.78	0.64	0.81	0.80
14.5.2.2	Transit loss from non-linked mines including e-auction coal mines	(%)	--				
14.5.2.3	Transit loss of imported coal	(%)	Nil				
15	Secondary Fuel Oil:						
15.1	Consumption	(MT/KL)					
	a) HFO	KL	359.90	347.63	220.58	65.50	318.14
	b) LDO	KL	624.00	352.39	270.17	169.83	413.66
15.2	Weighted Average Gross Calorific Value (As Received)						
	a) HFO	(Kcal/Kg)	10000	10000	10000	10000	10000
	b) LDO		10000	10000	10000	10000	10000
15.3	Weighted Average Price						
	HFO	Rs./KL	47357.41	52623.22	53805.86	5.3079.98	53079.98
	LDO	Rs./KL	62720.44	74486.98	70381.27	69557.37	69557.37
15.4	Actual Average stock maintained						
	a) HFO		637.52	946.56	1218.10	1152.60	1798.46
	b) LDO		619.98	382.85	420.96	679.45	548.14
16	Weighted average duration of outages (unit-wise details) :						
16.1	Planned Outages	(Hours)	640:45:00	0	715:10:00	0:00:00	961:19:00
16.2	Forced Outages	(Hours)	154:55:00	233:25:00	120:01:00	134:35:00	557:55:00
16.3	Number of trippings		11	10	5	6	5
16.4	Number of start-ups:		12	11	6	6	7
16.4.1	Cold Start-up		4	3	3	2	4
16.4.2	Warm Start-up		---	---	---	---	---
16.4.3	Hot Start-up		8	8	3	4	3
17	Nox, Sox, and other particulate emission in:						
17.1	Design value of emission						
	Nox	ppm	Not Specified				
	Sox,	ppm	Not Specified				
	other particulate	mg/NM3	100 (ESP design - 50 mg/NM ³)				
19	Details of Ash Utilization % of fly as produced	%	21.56	26.45	38.33	101.05	56.77
19.1	Conversion of value added product	%	21.56	26.45	38.33	53.05	52.19
19.2	For making roads & embarkment	%	Nil	Nil	Nil	48	4.55
19.3	Land filling	%	Nil	Nil	Nil	Nil	Nil
19.4	Used in plant site in one or other form or used in some other site	%	Nil	Nil	Nil	Nil	0.03

ATPS, Chachai							
S. No.	Particulars	Units	Year				
			2012-13	2013-14	2014-15	2015-16	2016-17
19.5	Any other use - Used in other form	Qty. and Usage	Nil	Nil	Nil	Nil	Nil
22	Number of employees deployed in O&M		434	432	378	309	257
22.1	Executives		109	111	103	72	58
22.2	Non Executives		325	321	275	237	199
22.3	Total		434	432	378	309	257
23	Man-MW ratio		1.06	1.05	0.92	0.75	0.63

SGTPS, Birsinghpur							
S. No.	Particulars	Units	Year				
			2012-13	2013-14	2014-15	2015-16	2016-17
1	Name of Company		Madhya Pradesh Power Generating Co. Ltd.				
2	Name of station		Sanjay Gandhi Thermal Power Station , Birsinghpur				
3	Installed Capacity and Configuration	MW	4X210 MW + 500 MW				
4	Rated Steam Parameters (Also state the type of Steam turbine and Boiler)	4X210 MW	MS STEAM PRESSURE:- 154.6 KSC MS TEMPERATURE:- 540° C Turbine :- KWU 210 MW (BHEL Make) Boiler :-Natural circulation membrane tube water cooled furnace Radiant TYPE two pass opposed fired (ABL Make)				
		1X500 MW	MS STEAM PRESSURE:- 176.3 KSC MS TEMPERATURE:- 540° C Turbine :- KWU 500 MW (BHEL Make) Boiler :-Radiant Heat Cornered fired Top supported (BHEL Make)				
5	Type of BFP		3 MDBFP in 4x210 MW in each unit & MDBFP (01 Nos.) &				
6	Circulating water system		Open system				
7	Any other site specific feature						
8	Fuels :						
8.1	Primary Fuel :		Coal				
8.1.1	Annual Allocation or/and Requirement	MT	64 LMT				
8.1.2	Source of Supply / Procurement along with contracted quantity and grade of coal		SECL / 64 LMT / All Grades				
8.1.2	FSA	MT	64 LMT				
8.1.2	Imported	MT	17180	0	0	51975	3983
8.1.2	Spot Market / e-Auction	MT	--	--	--	--	--
8.1.3	Transportation Distance of the station from the source of supply	KM	71 to 349				
8.1.4	Mode of Transport		Rail				
8.1.5	Maximum Station capability to stock primary fuel	Days & MT	3 LMT				
8.1.6	Maximum stock maintained for primary fuel		225968	312726	220323	335457	274819
8.1.7	Minimum stock maintained for primary fuel		48669	169419	38243	36757	124470
8.1.8	Average stock maintained for primary fuel		135740	222746	91418	176531	199057
10	Generation:						
10.1	Actual Gross Generation at generator terminals	MU	8629.661	7952.800	6822.950	7052.800	6870.700
10.2	Actual Net Generation Ex-bus	MU	7933.082	7303.300	6229.800	6461.600	554.670
10.3	Scheduled Generation Ex-bus	MU	----	-	-	-	-
11	Average Declared Capacity (DC)	MW	----	-	-	-	-
12	Actual Auxiliary Energy Consumption excluding colony consumption	MU	696.947	649.600	593.160	568.88	554.670
13	Actual Energy supplied to colony from the station	MU	NA	NA	NA	NA	NA
14	Primary Fuel :						
14.1	Consumption :						
14.1.1	Domestic Coal from linked mines	MT	6235932	5887422	5137818	4979684	4943493
	Domestic Coal from Non-linked mines	MT			--		
14.1.2	Imported Coal	MT	32969	0	0	51827.64	3983
	Total		6268901	5887422	5137818	5031511.6	4947475.6
14.1.3	Spot Market / e-Auction Coal	MT			--		
14.2	Gross Calorific Value (GCV) :						
14.2.1	Domestic Coal (As Billed)	kcal/kg	5533	5461	5562	5179	4706
	Domestic Coal (As Received)	kcal/kg	4138	3943	3825	3779	3770
	Domestic Coal (As Fired)	kcal/kg	3957	3798	3651	3701	3745
14.2.2	Imported Coal (As Billed)	kcal/kg	6288	Nil	Nil	6360	6426
	Imported Coal (As Received)	kcal/kg	6289	Nil	Nil	6360	6426
14.2.3	Spot Market / e-Auction Coal (As Billed)	kcal/kg			--		
	Spot Market / e-Auction Coal (As Received)	kcal/kg			--		
14.2.4	Weighted Average Gross Calorific value (As Billed)	kcal/kg	5535.00	5461.00	5562.00	5191.02	4707.39
14.2.5	Weighted Average Gross Calorific value (As Received)	kcal/kg	4143.71	3943.00	3825.00	3805.28	3772.14
14.2.6	Weighted Average Gross Calorific value (As Fired)	kcal/kg	3957.00	3798.00	3651.00	3701.00	3745.00
14.3	Price of Coal:						
14.3.1	Weighted Average Landed price of Domestic coal	(Rs./MT)	3930	3652	4075	3220	3116.16
14.3.2	Weighted Average Landed price of Imported coal	(Rs./MT)	5807	0	0	8183	10243
14.3.3	Weighted Average Landed price of Spot Market / e-Auction Coal	(Rs./MT)			--		
14.3.4	Weighted Average Landed price of all the coals	(Rs./MT)	3935	3652	4075	3359	3122
14.4	Blending:	% and MT (of the total coal consumed)					
14.4.1	Blending ratio of imported coal with domestic coal	Equivalent to domestic coal	0.80	0.80	0.80	0.80	0.80
14.4.2	Proportion of e-auction coal in the blending				--		

SGTPS, Birsinghpur

S. No.	Particulars	Units	Year					
			2012-13	2013-14	2014-15	2015-16	2016-17	
14.4.3	Actual Average Coal Stock Maintained	Days and MT	NA					
14.5	Actual Transit & Handling Losses for Coal / Lignite:	(%)						
14.5.1	Pit-Head Station							
14.5.1.1	Transit loss from linked mines	(%)						
14.5.1.2	Transit loss from non-linked mines including e-auction coal mines	(%)	--					
14.5.1.3	Transit loss of imported coal	(%)						
14.5.2	Non-Pit Head Station							
14.5.2.1	Transit loss from linked mines	(%)	1.86	1.85	1.23	0.93	0.72	
14.5.2.2	Transit loss from non-linked mines including e-auction coal mines	(%)	--					
14.5.2.3	Transit loss of imported coal	(%)	1.37	0.00	0.00	0.28	0.60	
15	Secondary Fuel Oil:							
15.1	Consumption	(MT/KL)	-	-	-	-	-	
	a) HFO	KL	8051.00	3895.00	4355.04	2720.80	3401.11	
	b) LDO	KL	3770.00	3254.90	3402.61	1729.98	2189.06	
15.2	Weighted Average Gross Calorific Value (As Received)							
	a) HFO	(Kcal/Kg or Ltr.)	10000.00	10000	10000	10000	10000	
	b) LDO		9850.00	9850	9850	9850	9850	
15.3	Weighted Average Price							
	HFO	Rs./KL	47887.02	55578.98	46849.42	35419.14	35668.74	
	LDO	Rs./KL	65280.04	73449.75	62971.38	45880.03	47352.49	
15.4	Actual Average stock maintained							
	a) HFO		-	-	-	-	-	
	b) LDO		-	-	-	-	-	
16	Weighted average duration of outages (unit-wise details) :							
16.1	Planned Outages	(Days)	-	-	-	-	-	
	Unit-I		18	4	47	4	25	
	Unit-II		0	21	6	19	40	
	Unit-III		0	19	0	30	0	
	Unit-IV		27	0	27	0	28	
	Unit-V		44	0	37	12	0.4	
16.2	Forced Outages	(Days)	-	-	-	-	-	
	Unit-I		23	71	54	21	15	
	Unit-II		23	30	57	25	18	
	Unit-III		38	53	83	16	20	
	Unit-IV		12	28	58	20	21	
	Unit-V		19	11	11	6	18	
16.3	Number of trippings		115	193	263	88	92	
16.4	Number of start-ups:		115	193	263	88	92	
16.4.1	Cold Start-up		-	-	-	-	-	
16.4.2	Warm Start-up		-	-	-	-	-	
16.4.3	Hot Start-up		-	-	-	-	-	
17	Nox, Sox, and other particulate emission in:							
	Design value of emission							
17.1		NOx	---	---	---	---	---	
		SO2	---	---	---	---	---	
		Unit-I & II	PM (mg/Nm3)	150	150	150	150	150
		Unit-III & IV	PM (mg/Nm3)	100	100	100	100	100
		Unit-V	PM (mg/Nm3)	25	25	25	25	25
17.2 U#1	Actual emission	Nox	ppm	599	543	482	500	590
		Sox	ppm	855	787	727	809	1183
		Particulate Matter	mg/NM3	144	141	145	169	159
17.2 U#2	Actual emission	Nox	ppm	578	547	474	494	517
		Sox	ppm	832	795	710	886	1345
		Particulate Matter	mg/NM3	143	141	147	158	142
17.2 U#3	Actual emission	Nox	ppm	535	443	410	457	599
		Sox	ppm	784	661	627	775	1260
		Particulate Matter	mg/NM3	140	133	138	174	147
17.2 U#4	Actual emission	Nox	ppm	521	400	383	406	638
		Sox	ppm	758	604	590	693	1340
		Particulate Matter	mg/NM3	136	133	133	138	134
17.2 U#5	Actual emission	Nox	ppm	412	324	299	361	437
		Sox	ppm	618	510	462	650	1188
		Particulate Matter	mg/NM3	79	75	92	98	85
19	Details of Ash Utilization % of fly as produced	%	78.65	79.89	79.29	78.46	77.51	
19.1	Conversion of value added product	%	78.65	79.89	79.29	78.46	77.49	
19.2	For making roads & embarkment	%	Nil	Nil	Nil	Nil	0.014	

SGTPS, Birsinghpur							
S. No.	Particulars	Units	Year				
			2012-13	2013-14	2014-15	2015-16	2016-17
19.3	Land filling	%	Nil	Nil	Nil	Nil	Nil
19.4	Used in plant site in one or other form or used in some other site	%	Nil	Nil	Nil	Nil	Nil
19.5	Any other use - Used in other form	Qty. and Usage	Nil	Nil	Nil	Nil	Nil
22	Number of employees deployed in O&M		649	645	513	660	682
22.1	Executives		204	223	207	172	208
22.2	Non Executives		445	422	306	488	474
22.3	Total		649	645	513	660	682
23	Man-MW ratio		0.49	0.48	0.39	0.50	0.51

SSTPP, Khandwa							
S. No.	Particulars	Units	Year				
			2012-13	2013-14	2014-15	2015-16	2016-17
1	Name of Company		Madhya Pradesh Power Generating Co. Ltd. (MPPGCL)				
2	Name of station		Shree Singaji Thermal Power Project, Khandwa				
3	Installed Capacity and Configuration	MW	Stage-I: 1200MW (2x600 MW)				
4	Rated Steam Parameters (Also state the type of Steam turbine and Boiler)		Super Heater Outlet Pressure : 178 kg/cm ² (g) at 100% BMCR Super Heater Outlet Pressure and Temperature: 540°C Boiler (BHEL Make): Controlled circulation with Rifled tubing , (cc+),Radient Reheat,Dry bottom ,Top supported Turbine (BHEL Make): Three Cylinder Reheat Condensing Turbine				
5	Type of BFP		3X50% Capacity (2 steam turbine- driven and one motor- drive) barrel type horizontal, 11KV motor				
6	Circulating water ststem		Boiler Circulating Water Pumps (BCWP)				
7	Any other site specific feature		--				
8	Fuels :						
8.1	Primary Fuel :		Coal				
8.1.1	Annual Allocation or/and Requirement	MT	--	SECL - 49.939 (LMT)	WCL - 18.513 (LMT) w.e.f. 30.12.2015 and SECL - 28.269 (LMT) w.e.f. 01.01.2016		
8.1.2	Source of Supply / Procurement along with contracted quantity and grade of coal		SECL - WCL / 46.78 LMT / Grade - G-8, G-9, G-11 & G-12				
8.1.2	FSA	MT	--	SECL - 49.939 (LMT)	WCL - 18.513 (LMT) w.e.f. 30.12.2015 and SECL - 28.269 (LMT) w.e.f. 01.01.2016		
8.1.2	Imported	MT	Nil	Nil	226746	208006.48	Nil
8.1.2	Spot Market / e-Auction	MT	--				
8.1.3	Transportation Distance of the station from the source of supply	KM	SECL - 690 to 968 / WCL - 541 to 616				
8.1.4	Mode of Transport		Rail				
8.1.5	Maximum Station capability to stock primary fuel	Days & MT	4 LMT				
8.1.6	Maximum stock maintained for primary fuel	MT	--	88442	171943	487545	581333
8.1.7	Minimum stock maintained for primary fuel		--	10894	9909	133435	95881
8.1.8	Average stock maintained for primary fuel		--	32236	69061	257497	312166
8.2	Secondary Fuel:						
8.2.1	Annual Requirement	Klit.	FO-15000.00	FO-6000 ,LDO-3000	FO-6500 ,LDO-2500	FO-6500 ,LDO-2500	FO-2500 ,LDO-1000
8.2.2	Sources of supply		IOCL, HPCL, BPCL				
8.2.3	Transportation Distance of the station from the sources of supply	km	By Road-150KM(Indore), BY RAIL-800KM appx.(Oil Refinery)	By Road-150KM(Indore), BY RAIL-800KM appx.(Oil Refinery)	By Road-150KM(Indore), BY RAIL-800KM appx.(Oil Refinery)	By Road-150KM(Indore), BY RAIL-800KM appx.(Oil Refinery)	By Road-150KM(Indore), BY RAIL-800KM appx.(Oil Refinery)
8.2.4	Mode of Transport		Road Tanker & Railway				
8.2.5	Maximum Station capability to stock secondary fuel	Klit.	FO-4400, LDO-1400	FO-4400, LDO-1400	FO-4400, LDO-1400	FO-4400, LDO-1400	FO-4400, LDO-1400
8.2.6	Maximum stock of secondary oil actully maintained		...	FO-3598.523 ,LDO-1246.565	FO-3589.693 ,LDO-	FO-4119.907 ,LDO-1281.407	FO-3018.724 ,LDO-
8.2.7	Minimum stock of secondary oil actully maintained		...	FO-1132.873 ,LDO-70.00	FO-1613.399 ,LDO-411.543	FO-2091.609 ,LDO-327.204	FO-963.494 ,LDO-555.662
8.2.8	Average stock maintained for Secondary fuel						
10	Generation:						
10.1	Actual Gross Generation at generator terminals	MU	----	215.940	1733.834	4253.225	2474.652
10.2	Actual Net Generation Ex-bus	MU	----	192.034	1582.594	3938.643	2311.260
10.3	Scheduled Generation Ex-bus	MU	----	201.746	1611.788	3977.601	2331.180
11	Average Declared Capacity (DC)	MW	----	204.557	2223.017	8091.586	8782.400
12	Actal Auxiliary Energy Consumption excluding colony consumption	MU	----	----	----	----	----
13	Actal Energy supplied to colony from the station	MU	----	----	0.704	1.055	1.628
14	Primary Fuel :						

SSTPP, Khandwa							
S. No.	Particulars	Units	Year				
			2012-13	2013-14	2014-15	2015-16	2016-17
14.1	Consumption :						
14.1.1	Domestic Coal from linked mines	MT	--	302682	1339598	2828256	1585825
	Domestic Coal from Non-linked mines	MT			--		
14.1.2	Imported Coal	MT	--	Nil	225278	191449	15089
	Total			302682	1564876	3019705	1600914
14.1.3	Spot Market / e-Auction Coal	MT			--		
14.2	Gross Calorific Value (GCV) :						
	Domestic Coal (As Billed)	kcal/kg			Not Available		
14.2.1	Domestic Coal (As Received)	kcal/kg	Nil	Nil	3348	3856	3868
	Domestic Coal (As Fired)	kcal/kg	Nil	Nil	3210	3472	3819
14.2.2	Imported Coal (As Billed)	kcal/kg	Nil	Nil	6561	6694	Nil
	Imported Coal (As Received)	kcal/kg	Nil	Nil	6562	6699	Nil
14.2.3	Spot Market / e-Auction Coal (As Billed)	kcal/kg			--		
	Spot Market / e-Auction Coal (As Received)	kcal/kg			--		
14.2.4	Weighted Average Gross Calorific value (As Billed)	kcal/kg	Nil	0.00	3348.00	3856.00	3868.00
14.2.5	Weighted Average Gross Calorific value (As Received)	kcal/kg	Nil	0.00	3777.19	4024.47	3868.00
14.2.6	Weighted Average Gross Calorific value (As Fired)	kcal/kg	Nil	0.00	3210.00	3472.00	3819.00
14.3	Price of Coal:						
14.3.1	Weighted Average Landed price of Domestic coal	(Rs./MT)	--	2716	2986	3734	4273
14.3.2	Weighted Average Landed price of Imported coal	(Rs./MT)	--	Nil	6806	7242	0
14.3.3	Weighted Average Landed price of Spot Market / e-Auction Coal	(Rs./MT)			--		
14.3.4	Weighted Average Landed price of all the coals	(Rs./MT)	--	2716	3496	3942	4273
14.4	Blending:	% and MT (of the total coal consumed)	--				
14.4.1	Blending ratio of imported coal with domestic coal	Equivalent to domestic coal	--	0.8	0.8	0.8	0.8
14.4.2	Proportion of e-auction coal in the blending				--		
14.4.3	Actual Average Coal Stock Maintained	Days and MT	--		NA		
14.5	Actual Transit & Handling Losses for Coal / Lignite:	(%)					
14.5.1	Pit-Head Station						
14.5.1.1	Transit loss from linked mines	(%)					
14.5.1.2	Transit loss from non-linked mines including e-auction coal mines	(%)			--		
14.5.1.3	Transit loss of imported coal	(%)					
14.5.2	Non-Pit Head Station						
14.5.2.1	Transit loss from linked mines	(%)	--	0.80	0.71	0.60	1.31
14.5.2.2	Transit loss from non-linked mines including e-auction coal mines	(%)			--		
14.5.2.3	Transit loss of imported coal	(%)	--	Nil	Nil	0.73	Nil
15	Secondary Fuel Oil:						
15.1	Consumption	(MT/KL)					
	a) HFO	KL	---	8328.97	8352.01	4555.57	2249.24
	b) LDO	KL	---	7425.94	5550.72	2712.67	1483.60
15.2	Weighted Average Gross Calorific Value (As Received)						
	a) HFO	(Kcal/Kg or Ltr.)	--	10000	10000	10000	10000
	b) LDO		--	10000	10000	10000	10000
15.3	Weighted Average Price						
	HFO	Rs./KL	--	56741.63	46754.78	31908.02	27947.23
	LDO	Rs./KL	--	71170.188	66069.25	45573.06	52663.889
15.4	Actual Average stock maintained		--				
	a) HFO		--	2386.310	2609.752	2851.737	1890.845
	b) LDO		--	610.570	1007.720	823.278	827.147
16	Weighted average duration of outages (unit-wise details) :						
16.1	Planned Outages	(Days)	--	28	79	31	49
16.2	Forced Outages	(Days)	--	1	170	284	434
16.3	Number of trippings		--	4	45	61	34
16.4	Number of start-ups:		--	4	43	61	33
16.4.1	Cold Start-up		--	1	11	21	13
16.4.2	Warm Start-up		--				2
16.4.3	Hot Start-up		--	3	32	40	18
17	Nox, Sox, and other particulate emission in:		--				
17.1	Design value of emission		--				
	Nox, ppm		--	--	--	--	300
	Sox, ppm		--	--	--	--	200
	other particulate, mg/NM3		--	--	50	50	50
19	Details of Ash Utilization % of fly as produced	%	Nil	0.11	1.77	3.92	17.83

SSTPP, Khandwa							
S. No.	Particulars	Units	Year				
			2012-13	2013-14	2014-15	2015-16	2016-17
19.1	Conversion of value added product	%	Nil	Nil	1.765	0.84	5.22
19.2	For making roads & embarkment	%	Nil	Nil	Nil	Nil	Nil
19.3	Land filling	%	Nil	Nil	Nil	Nil	Nil
19.4	Used in plant site in one or other form or used in some other site	%	Nil	Nil	Nil	Nil	2.96
19.5	Any other use - Used in other form	Qty. and Usage	Nil	0.11	1.73	3.08	9.66
22	Number of employees deployed in O&M		51	160	148	290	305
22.1	Executives		30	62	66	87	94
22.2	Non Executives		21	98	82	203	211
22.3	Total		51	160	148	290	305
23	Man-MW ratio	Man/MW	*	0.13	0.12	0.24	0.25

* Unit No.1&2 of SSTPP Stage-1 were Commissioned in FY 2013-14 & FY 2014-15 respectively

STPS, Sarni							
S. No.	Particulars	Units	Year				
			2012-13	2013-14	2014-15	2015-16	2016-17
8	Fuels :						
8.1	Primary Fuel :		Coal				
8.1.1	Annual Allocation or/and Requirement	MT	WCL - 66 (LMT) for Old units and WCL - 18.513 (LMT) for New Units		SECL - 21.67 (LMT) for New Units / WCL- 47.95 (LMT) for Old Units		
8.1.2	Source of Supply / Procurement along with contracted quantity and grade of coal		SECL - WCL / 69.62 LMT / Grade - D/E/Washery Middling, G-8 to G-12				
8.1.2	FSA	MT	WCL - 66 (LMT) for Old units w.e.f 02.04.2009 and WCL - 18.513 (LMT) for New Units w.e.f. 02.01.2013		SECL - 21.67 (LMT) for New Units w.e.f. 01.01.2016 / WCL- 47.95 (LMT) for Old Units w.e.f. Nov-2015		
8.1.2	Imported	MT	267552	451836	107159	116406	51625
8.1.2	Spot Market / e-Auction	MT	--				
8.1.3	Transportation Distance of the station from the source of supply	KM	SECL - 735 to 906 / WCL - 8 to 458				
8.1.4	Mode of Transport		Rail / Road / Belt				
8.1.5	Maximum Station capability to stock primary fuel	Days & MT	7 LMT				
8.1.6	Maximum stock maintained for primary fuel		168847	622881	364136	696300	658739
8.1.7	Minimum stock maintained for primary fuel		39910	322729	47138	27305	96495
8.1.8	Average stock maintained for primary fuel		113943	453934	127496	402592	365797
14	Primary Fuel :						
14.1	Consumption :						
14.1.1	Domestic Coal from linked mines	MT	5181637	4466046	5406429	4410305	2632384
	Domestic Coal from Non-linked mines	MT	--				
14.1.2	Imported Coal	MT	253286	477036	110409	115788	51406
		Total	5434923	4943082	5516838	4526093	2683790
14.1.3	Spot Market / e-Auction Coal	MT	--				
14.2	Gross Calorific Value (GCV) :						
14.2.1	Domestic Coal (As Billed)	kcal/kg	4960	5060	4980	5040	5078
	Domestic Coal (As Received)	kcal/kg	3934	3942	3696	3614	3755
	Domestic Coal (As Fired)	kcal/kg	3808	3730	3341	3374	3583
14.2.2	Imported Coal (As Billed)	kcal/kg	6396	6420	6387	6343	6354
	Imported Coal (As Received)	kcal/kg	6396	6420	6387	6343	6354
14.2.3	Spot Market / e-Auction Coal (As Billed)	kcal/kg	--				
	Spot Market / e-Auction Coal (As Received)	kcal/kg	--				
14.2.4	Weighted Average Gross Calorific value (As Billed)	kcal/kg	5027	5181	5009	5069	5107
14.2.5	Weighted Average Gross Calorific value (As Received)	kcal/kg	4049	4163	3751	3675	3815
14.2.6	Weighted Average Gross Calorific value (As Fired)	kcal/kg	3808	3730	3341	3374	3583
14.3	Price of Coal:						
14.3.1	Weighted Average Landed price of Domestic coal	(Rs./MT)	2130	2296	2522	2779	3352
14.3.2	Weighted Average Landed price of Imported coal	(Rs./MT)	5384	6311	5898	7700	8233
14.3.3	Weighted Average Landed price of Spot Market / e-Auction Coal	(Rs./MT)	--				
14.3.4	Weighted Average Landed price of all the coals	(Rs./MT)	2282	2654	2592	2889	3465
14.4	Blending:	% and MT (of the total coal consumed)					
14.4.1	Blending ratio of imported coal with domestic coal	Equivalent to domestic coal	0.80	0.80	0.80	0.80	0.80
14.4.2	Proportion of e-auction coal in the blending		--				
14.4.3	Actual Average Coal Stock Maintained	Days and MT	NA				
14.5	Actual Transit & Handling Losses for Coal / Lignite:	(%)					
14.5.1	Pit-Head Station						
14.5.1.1	Transit loss from linked mines	(%)					
14.5.1.2	Transit loss from non-linked mines including e-auction coal mines	(%)	--				

STPS, Sarni							
S. No.	Particulars	Units	Year				
			2012-13	2013-14	2014-15	2015-16	2016-17
14.5.1.3	Transit loss of imported coal	(%)					
14.5.2	Non-Pit Head Station						
14.5.2.1	Transit loss from linked mines	(%)	1.84	1.81	0.52	0.82	0.82
14.5.2.2	Transit loss from non-linked mines including e-auction coal mines	(%)			--		
15.4.2.3	Transit loss of imported coal	(%)	Nil	0.64	0.11	0.53	0.42
19	Details of Ash Utilization % of fly as produced	%	25.87	39.01	42.13	34.80	47.97
19.1	Conversion of value added product	%	3.99	11.20	34.81	86.22	79.01
19.2	For making roads & embarkment	%	38.86	38.09	0.04	2.03	2.00
19.3	Land filling	%	Nil	8.46	38.65	Nil	Nil
19.4	Used in plant site in one or other form or used in some other site	%	57.13	25.22	6.00	1.59	2.37
19.5	Any other use - Used in other form	Qty. and Usage	17.00	0.03	20.41	16.60	5.00

Performa for furnishing Actual performance operational data for Hydro Electric Generation Stations for the 5 years period from 2012-13 to 2016-17

Sr. No.	Perticular	Remarks
1	Name of Company	Madhya Pradesh Power Generating Company Limited
2	Name of Station	Gandhisagar Hydrel Power Station
3	Installed Capacity (MW) and Configuration	5 X 23 MW
4	Station Location	Gandhisagar, Bhanpura, Distt. Mandsaur
5	Type of Excitation System	AMPLIDYNE
6	Live Storage Capacity (Million Cubic Meters)	6900.24
7	Rated Head (Meters)	149 FEET
8	Head at Full Reservoir Level (FRL) (Meters)	155 FEET
9	Head at Minimum Draw down Level (MDDL) (Meters)	111 FEET
10	MW Capability at FRL	115 MW
11	MW Capability at MDDL	84 MW

Year wise details:-

13	Generation (MU)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
13.1	Actual Gross Genration at Generator Terminals	275.64	405.599	272.160	383.020	351.01
13.2	Actual Net Genration Ex-bus including free power	274.733	404.692	271.164	382.064	350.060
13.3	Scheduled generation Ex- bus including free power					
14	Actual Auxiliary Energy Consumption (MU)	0.91	0.91	1.00	0.96	0.95
16	Average Declared Capacity during the year (DC) (MW)	82	111	98	102	112
17	Weighted Average duration of outages					
17.1	Scheduled outages (Days)	54	65	47	61	50
17.2	Forced Outages (Days)	2	7	1	1	1

Month wise Design Energy of Hydro Power Station:

Month	Installed Capacity in MW	Design Energy as approved by CEA (MU)
January	115	40
February	115	30
March	115	20
April	115	10
May	115	10
June	115	5
July	115	20
August	115	50
September	115	50
October	115	60
November	115	65
December	115	60
Total for the year	115	420

Performance for furnishing Actual performance operational data for Hydro Electric Generation Stations for the 5 years period from 2012-13 to 2016-17

Sr. No.	Particular	Remarks
1	Name of Company	Madhya Pradesh Power Generating Company Limited
2	Name of Station	RABS:HPS Bargi Hydrel Power Station
3	Installed Capacity (MW) and Configuration	2 X 45 MW
4	Station Location	Barginagar, Distt. Jabalpur, MP
5	Type of Excitation System	STATIC
6	Live Storage Capacity (Million Cubic Meters)	3180
7	Rated Head (Meters)	48
8	Head at Full Reservoir Level (FRL) (Meters)	57
9	Head at Minimum Draw down Level (MDDL) (Meters)	32
10	MW Capability at FRL	90 MW
11	MW Capability at MDDL	46 MW

Year wise details:-

13	Generation (MU)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
13.1	Actual Gross Genration at Generator Terminals	419.08	538.486	488.670	270.150	445.30
13.2	Actual Net Genration Ex-bus including free power	418.23	537.361	487.725	269.434	444.530
13.3	Scheduled generation Ex- bus including free power					
14	Actual Auxilliary Energy Consumption (MU)	0.84	1.13	0.95	0.72	0.77
16	Average Declared Capacity during the year (DC) (MW)	80	85	82	80	83
17	Weighted Average duration of outages					
17.1	Scheduled outages (Days)	45	41	61	31	50
17.2	Forced Outages (Days)	4	2	4	1	21

Month wise Design Energy of Hydro Power Station:

Month	Installed Capacity in MW	Design Energy as approved by CEA (MU)
January	90	50
February	90	50
March	90	45
April	90	22
May	90	12
June	90	12
July	90	27
August	90	55
September	90	60
October	90	60
November	90	60
December	90	55
Total for the year	90	508

Performa for furnishing Actual performance operational data for Hydro Electric Generation Stations for the 5 years period from 2012-13 to 2016-17

Sr. No.	Perticular	Remarks
1	Name of Company	Madhya Pradesh Power Generating Company Limited
2	Name of Station	Pench Hydel Power Station
3	Installed Capacity (MW) and Configuration	2 X 80 MW
4	Station Location	Totladoh
5	Type of Excitation System	PILOT EXCITER
6	Live Storage Capacity (Million Cubic Meters)	1088
7	Rated Head (Meters)	150
8	Head at Full Reservoir Level (FRL) (Meters)	159
9	Head at Minimum Draw down Level (MDDL) (Meters)	133
10	MW Capability at FRL	160 MW
11	MW Capability at MDDL	84 MW

Year wise details:-

13	Generation (MU)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
13.1	Actual Gross Genration at Generator Terminals	351.05	427.280	390.110	378.520	359.41
13.2	Actual Net Genration Ex-bus including free power	350.210	426.312	389.025	377.789	358.758
13.3	Scheduled generation Ex- bus including free power					
14	Actual Auxilliary Energy Consumption (MU)	0.84	0.97	1.09	0.73	0.65
16	Average Declared Capacity during the year (DC) (MW)	138	152	134	142	150
17	Weighted Average duration of outages					
17.1	Scheduled outages (Days)	69	109	67	19	56
17.2	Forced Outages (Days)	9	9	85	33	39

Month wise Design Energy of Hydro Power Station:

Month	Installed Capacity in MW	Design Energy as approved by CEA (MU)
January	160	35
February	160	30
March	160	20
April	160	20
May	160	15
June	160	5
July	160	5
August	160	30
September	160	35
October	160	50
November	160	35
December	160	35
Total for the year	160	315

Performa for furnishing Actual performance operational data for Hydro Electric Generation Stations for the 5 years period from 2012-13 to 2016-17

Sr. No.	Perticular	Remarks
1	Name of Company	Madhya Pradesh Power Generating Company Limited
2	Name of Station	Tons Hydel Power Station
3	Installed Capacity (MW) and Configuration	3 X 105 MW
4	Station Location	Sirmour, Distt. Rewa
5	Type of Excitation System	STATIC
6	Live Storage Capacity (Million Cubic Meters)	31.6
7	Rated Head (Meters)	175
8	Head at Full Reservoir Level (FRL) (Meters)	183.6
9	Head at Minimum Draw down Level (MDDL) (Meters)	169
10	MW Capability at FRL	315 MW
11	MW Capability at MDDL	315 MW

Year wise details:-

13	Generation (MU)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
13.1	Actual Gross Genration at Generator Terminals	1490.90	1658.751	1081.350	574.460	1237.52
13.2	Actual Net Genration Ex-bus including free power	1486.79	1654.538	1077.932	571.709	1233.660
13.3	Scheduled generation Ex- bus including free power					
14	Actual Auxiliary Energy Consumption (MU)	4.12	4.21	3.42	2.75	3.86
16	Average Declared Capacity during the year (DC) (MW)	276	265	280	246	279
17	Weighted Average duration of outages					
17.1	Scheduled outages (Days)	30	55	16	151	116
17.2	Forced Outages (Days)	108	45	64	33	22

Month wise Design Energy of Hydro Power Station:

Month	Installed Capacity in MW	Design Energy as approved by CEA (MU)
January	315	40
February	315	10
March	315	5
April	315	25
May	315	15
June	315	25
July	315	40
August	315	110
September	315	180
October	315	180
November	315	180
December	315	90
Total for the year	315	900

Performa for furnishing Actual performance operational data for Hydro Electric Generation Stations for the 5 years period from 2012-13 to 2016-17

Sr. No.	Perticular	Remarks
1	Name of Company	Madhya Pradesh Power Generating Company Limited
2	Name of Station	B.S.-II Hydrel Power Station
3	Installed Capacity (MW) and Configuration	2 X 15 MW
4	Station Location	Silpara, Distt. Rewa, MP.
5	Type of Excitation System	STATIC
6	Live Storage Capacity (Million Cubic Meters)	CANAL BASED
7	Rated Head (Meters)	20.5
8	Head at Full Reservoir Level (FRL) (Meters)	21.4
9	Head at Minimum Draw down Level (MDDL) (Meters)	19.6
10	MW Capability at FRL	30 MW
11	MW Capability at MDDL	10 MW

Year wise details:-

13	Generation (MU)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
13.1	Actual Gross Genration at Generator Terminals	122.11	142.026	98.440	48.520	91.03
13.2	Actual Net Genration Ex-bus including free power	121.44	141.265	97.830	48.066	90.524
13.3	Scheduled generation Ex- bus including free power					
14	Actual Auxiliary Energy Consumption (MU)	0.67	0.76	0.61	0.45	0.51
16	Average Declared Capacity during the year (DC) (MW)	21	24	23	20	22
17	Weighted Average duration of outages					
17.1	Scheduled outages (Days)	84	154	132	139	160
17.2	Forced Outages (Days)	9	4	5	112	94

Month wise Design Energy of Hydro Power Station:

Month	Installed Capacity in MW	Design Energy as approved by CEA (MU)
January	30	5
February	30	0
March	30	0
April	30	2
May	30	2
June	30	2
July	30	10
August	30	20
September	30	20
October	30	22
November	30	20
December	30	10
Total for the year	30	113

Performa for furnishing Actual performance operational data for Hydro Electric Generation Stations for the 5 years period from 2012-13 to 2016-17

Sr. No.	Perticular	Remarks
1	Name of Company	Madhya Pradesh Power Generating Company Limited
2	Name of Station	B.S.-III Hydel Power Station
3	Installed Capacity (MW) and Configuration	3 X 20 MW
4	Station Location	Deolond, Distt. Shahdol, MP
5	Type of Excitation System	STATIC
6	Live Storage Capacity (Million Cubic Meters)	4933.93
7	Rated Head (Meters)	40
8	Head at Full Reservoir Level (FRL) (Meters)	51
9	Head at Minimum Draw down Level (MDDL) (Meters)	32
10	MW Capability at FRL	60 MW
11	MW Capability at MDDL	39 MW

Year wise details:-

13	Generation (MU)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
13.1	Actual Gross Genration at Generator Terminals	174.80	129.980	108.700	98.850	73.45
13.2	Actual Net Genration Ex-bus including free power	174.41	129.600	108.301	98.472	73.113
13.3	Scheduled generation Ex- bus including free power					
14	Actual Auxiliary Energy Consumption (MU)	0.390	0.380	0.399	0.378	0.337
16	Average Declared Capacity during the year (DC) (MW)	22	35	32	26	28
17	Weighted Average duration of outages					
17.1	Scheduled outages (Days)	41	52	22	64	64
17.2	Forced Outages (Days)	1	1	2	1	3

Month wise Design Energy of Hydro Power Station:

Month	Installed Capacity in MW	Design Energy as approved by CEA (MU)
January	60	20
February	60	13
March	60	10
April	60	0
May	60	0
June	60	0
July	60	0
August	60	0
September	60	0
October	60	30
November	60	40
December	60	30
Total for the year	60	143

Performa for furnishing Actual performance operational data for Hydro Electric Generation Stations for the 5 years period from 2012-13 to 2016-17

Sr. No.	Perticular	Remarks
1	Name of Company	Madhya Pradesh Power Generating Company Limited
2	Name of Station	B.S. -IV Hydel Power Station
3	Installed Capacity (MW) and Configuration	2 X 10 MW
4	Station Location	Jhinna, Distt. Satna, MP
5	Type of Excitation System	STATIC
6	Live Storage Capacity (Million Cubic Meters)	3050
7	Rated Head (Meters)	15.7
8	Head at Full Reservoir Level (FRL) (Meters)	22.5
9	Head at Minimum Draw down Level (MDDL) (Meters)	7.25
10	MW Capability at FRL	20 MW
11	MW Capability at MDDL	4 MW

Year wise details:-

13	Generation (MU)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
13.1	Actual Gross Genration at Generator Terminals	120.04	125.482	98.270	60.050	101.40
13.2	Actual Net Genration Ex-bus including free power	119.18	124.729	97.845	59.672	100.974
13.3	Scheduled generation Ex- bus including free power					
14	Actual Auxiliary Energy Consumption (MU)	0.86	0.75	0.43	0.38	0.43
16	Average Declared Capacity during the year (DC) (MW)	18	19	19	18	20
17	Weighted Average duration of outages					
17.1	Scheduled outages (Days)	39	128	89	130	36
17.2	Forced Outages (Days)	4	2	3	5	13

Month wise Design Energy of Hydro Power Station:

Month	Installed Capacity in MW	Design Energy as approved by CEA (MU)
January	20	12
February	20	2
March	20	0
April	20	0
May	20	0
June	20	0
July	20	2
August	20	14
September	20	14
October	20	12
November	20	12
December	20	12
Total for the year	20	80

Performa for furnishing Actual performance oerformance operational data for Hydro Electric Generation Stations for the 5 years period from 2012-13 to 2016-17

Sr. No.	Perticular	Remarks
1	Name of Company	Madhya Pradesh Power Generating Company Limited
2	Name of Station	Rajghat Hydrel Power Satation,
3	Installed Capacity (MW) and Configuration	3 x 15 MW
4	Station Location	Chanderi, Distt. Ashoknagar, MP
5	Type of Excitation System	STATIC
6	Live Storage Capacity (Million Cubic Meters)	1945
7	Rated Head (Meters)	28
8	Head at Full Reservoir Level (FRL) (Meters)	32
9	Head at Minimum Draw down Level (MDDL) (Meters)	22.5
10	MW Capability at FRL	45 MW
11	MW Capability at MDDL	24 MW

Year wise details:-

13	Generation (MU)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
13.1	Actual Gross Genration at Generator Terminals	70.94	61.641	82.350	36.930	62.24
13.2	Actual Net Genration Ex-bus including free power	69.870	60.531	81.340	36.280	61.540
13.3	Scheduled generation Ex- bus including free power					
14	Actual Auxiliary Energy Consumption (MU)	1.07	1.11	1.01	0.65	0.70
16	Average Declared Capacity during the year (DC) (MW)	10	15	16	14	12
17	Weighted Average duration of outages					
17.1	Scheduled outages (Days)	132	227	173	365	553
17.2	Forced Outages (Days)	78	17	36	40	48

Month wise Design Energy of Hydro Power Station:

Month	Installed Capacity in MW	Design Energy as approved by CEA (MU)
January	45	5
February	45	5
March	45	0
April	45	0
May	45	0
June	45	0
July	45	0
August	45	3
September	45	20
October	45	20
November	45	20
December	45	15
Total for the year	45	88

Performa for furnishing Actual performance oerformance operational data for Hydro Electric Generation Stations for the 5 years period from 2012-13 to 2016-17

Sr. No.	Perticular	Remarks
1	Name of Company	Madhya Pradesh Power Generating Company Limited
2	Name of Station	Madikheda Hydel Power Station
3	Installed Capacity (MW) and Configuration	3 X 20 MW
4	Station Location	Madikheda, Distt. Shivpuri MP
5	Type of Excitation System	STATIC
6	Live Storage Capacity (Million Cubic Meters)	834.80
7	Rated Head (Meters)	53.75
8	Head at Full Reservoir Level (FRL) (Meters)	346.25
9	Head at Minimum Draw down Level (MDDL) (Meters)	320.05
10	MW Capability at FRL	60 MW
11	MW Capability at MDDL	39 MW

Year wise details:-

13	Generation (MU)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
13.1	Actual Gross Genration at Generator Terminals	114.62	136.223	97.160	95.920	147.17
13.2	Actual Net Genration Ex-bus including free power	114.19	135.658	96.615	95.530	146.136
13.3	Scheduled generation Ex- bus including free power					
14	Actual Auxiliary Energy Consumption (MU)	0.43	0.57	0.55	0.39	1.03
16	Average Declared Capacity during the year (DC) (MW)	39	45	46	42	48
17	Weighted Average duration of outages					
17.1	Scheduled outages (Days)	43	58	55	57	50
17.2	Forced Outages (Days)	9	11	20	17	9

Month wise Design Energy of Hydro Power Station:

Month	Installed Capacity in MW	Design Energy as approved by CEA (MU)
January	60	10
February	60	0
March	60	0
April	60	0
May	60	0
June	60	0
July	60	7
August	60	10
September	60	12
October	60	12
November	60	12
December	60	11
Total for the year	60	74

Performa for furnishing Actual performance operational data for Hydro Electric Generation Stations for the 5 years period from 2012-13 to 2016-17

Sr. No.	Perticular	Remarks
1	Name of Company	Madhya Pradesh Power Generating Company Limited
2	Name of Station	Birsinghpur Hydel Power Station
3	Installed Capacity (MW) and Configuration	1 X 20 MW
4	Station Location	Birsinghpur, Distt. Umaria, MP
5	Type of Excitation System	STATIC
6	Live Storage Capacity (Million Cubic Meters)	90
7	Rated Head (Meters)	40
8	Head at Full Reservoir Level (FRL) (Meters)	42.25
9	Head at Minimum Draw down Level (MDDL) (Meters)	36.25
10	MW Capability at FRL	20 MW
11	MW Capability at MDDL	20 MW

Year wise details:-

13	Generation (MU)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
13.1	Actual Gross Genration at Generator Terminals	21.47	47.817	32.187	15.920	43.55
13.2	Actual Net Genration Ex-bus including free power	21.22	47.553	31.962	15.732	43.332
13.3	Scheduled generation Ex- bus including free power					
14	Actual Auxiliary Energy Consumption (MU)	0.255	0.264	0.225	0.188	0.219
16	Average Declared Capacity during the year (DC) (MW)	15	20	17	18	16
17	Weighted Average duration of outages					
17.1	Scheduled outages (Days)	33	34	10	35	15
17.2	Forced Outages (Days)	22	17	10	48	1

Month wise Design Energy of Hydro Power Station:

Month	Installed Capacity in MW	Design Energy as approved by CEA (MU)
January	20	5
February	20	0
March	20	0
April	20	0
May	20	0
June	20	2
July	20	5
August	20	10
September	20	10
October	20	10
November	20	5
December	20	5
Total for the year	20	52

PLANT AVAILABILITY ACHIEVED						
Generating company: M.P.POWER GENERATING CO. LTD.						
Name of Hydro- electric station: Amarkantak Thermal Power Station						
Installed Capacity (MW) : 2x120 + 1x210						
Normative Annual Plant Availability Factor (%) approved by Commission : 85%						
Month	2012-13	2013-14	2014-15	2015-16	2016-17	Reasons for shortfall in PAF achieved vis-a-vis NAPAF may be specified
April	92.06	87.10	98.26	100.34	100.03	----
May	94.11	98.35	97.05	92.53	99.91	----
June	84.96	93.28	88.35	98.81	95.73	----
July	28.13	95.03	95.75	99.33	45.03	----
August	75.59	96.99	17.10	99.30	22.95	----
September	94.87	98.41	81.13	98.68	91.01	----
October	94.20	97.85	98.84	90.60	100.47	----
November	96.54	98.28	97.76	98.76	81.80	----
December	94.08	97.26	96.78	99.02	99.59	----
January	99.18	98.16	100.63	98.33	100.99	----
February	100.60	98.04	91.15	99.81	100.99	----
March	93.33	89.73	100.92	99.88	100.35	----
Annual	87.14	95.70	88.59	97.93	86.39	----

Note:- 2x120 MW retired in FY 2014-15.

Plant Load Factor (%)						
Month	2012-13	2013-14	2014-15	2015-16	2016-17	Reasons for shortfall in PAF achieved vis-a-vis NAPAF may be specified
April	94.0	87.33	95.8	100.3	100.7	----
May	91.8	98.85	96.6	92.8	94.3	----
June	85.3	93.50	86.0	96.8	96.4	----
July	28.2	95.21	92.8	97.1	38.2	----
August	70.2	96.45	17.1	94.4	9.1	----
September	86.4	95.40	78.6	98.6	61.5	----
October	93.6	91.70	99.0	90.8	96.2	----
November	96.3	92.52	98.1	99.6	82.1	----
December	93.5	93.72	94.8	97.1	99.1	----
January	98.6	75.74	99.7	94.8	98.7	----
February	94.0	86.53	91.5	100.2	97.2	----
March	90.9	79.42	98.9	99.7	94.8	----
Annual	85.1	90.55	87.4	96.8	80.5	----

Note:- 2x120 MW retired in FY 2014-15.

Annexure-IV

PLANT AVAILABILITY ACHIEVED						
Generating company:		M.P.POWER GENERATING CO. LTD.				
Name of station:		SGTPS PH I& II				
Installed Capacity (MW) :		840				
Normative Annual Plant Availability Factor (%) approved by Commission : 80 %						
Month	2012-13	2013-14	2014-15	2015-16	2016-17	Reasons for shortfall in PAF achieved vis-a-vis NAPAF may be specified
April	77.7	76.8	81.3	76.5	72.79	-----
May	76.7	78.0	46.6	77.5	72.20	-----
June	75.9	82.9	50.1	83.7	80.96	-----
July	49.7	70.9	39.0	76.3	69.90	-----
August	64.9	60.9	26.6	61.6	54.28	-----
September	66.1	66.1	30.4	58.4	55.00	-----
October	67.5	85.6	54.4	63.5	89.49	-----
November	73.1	69.5	62.5	70.2	86.72	-----
December	73.6	70.7	73.4	76.2	82.46	-----
January	81.7	78.4	76.3	75.8	73.06	-----
February	81.6	77.8	77.4	73.0	81.24	-----
March	79.3	81.0	83.4	74.7	89.20	-----
Annual	72.24	74.9	58.3	72.3	75.6	-----

PLANT AVAILABILITY ACHIEVED						
Generating company:		M.P.POWER GENERATING CO. LTD.				
Name of station:		SGTPS PH III				
Installed Capacity (MW) :		500 MW				
Normative Annual Plant Availability Factor (%) approved by Commission : 85%						
Month	2012-13	2013-14	2014-15	2015-16	2016-17	Reasons for shortfall in PAF achieved vis-a-vis NAPAF may be specified
April	103.1	102	100.47	58.4	100.00	-----
May	84.2	89	86.12	101.6	98.34	-----
June	100.9	103	84.95	102.0	93.01	-----
July	100.5	96	76.91	86.8	91.10	-----
August	6.6	103	83.85	92.4	95.33	-----
September	43.7	103	87.72	92.7	100.00	-----
October	94.6	102	88.81	97.4	99.64	-----
November	82.8	96	85.72	99.8	71.54	-----
December	98.4	84	98.70	100.3	90.44	-----
January	103.5	95	98.58	98.3	92.85	-----
February	104.3	101	76.67	98.3	92.00	-----
March	96.7	100	0.00	90.1	99.57	-----
Annual	84.81	98	80.64	93.2	93.7	-----

Annexure-IV

PLANT LOAD FACTOR						
Generating company:		M.P.POWER GENERATING CO. LTD.				
Name of station:		SGTPS PH I& II				
Installed Capacity (MW) :		840				
Normative Annual Plant Load Factor (%) approved by Commission : 80%.						
Month	2012-13	2013-14	2014-15	2015-16	2016-17	Reasons for shortfall in PLF achieved vis-a-vis NAPLF may be specified
April	77.7	73.8	50.8	53.2	71.0	-----
May	76.7	78.6	47.1	50.7	50.0	-----
June	76.2	57.8	49.7	0.0	28.8	-----
July	50.0	49.7	40.3	8.1	0.8	-----
August	55.2	39.9	28.0	22.0	5.6	-----
September	62.9	55.3	32.1	59.0	49.9	-----
October	65.7	29.6	53.8	65.4	31.5	-----
November	68.8	52.6	60.9	70.1	29.8	-----
December	72.4	70.0	61.1	70.8	64.5	-----
January	79.2	70.5	51.0	48.7	63.6	-----
February	75.8	70.4	69.9	44.5	70.5	-----
March	77.5	55.8	45.5	71.2	57.3	-----
Annual	69.78	58.6	49.0	47.0	43.4	-----

PLANT LOAD FACTOR						
Generating company:		M.P.POWER GENERATING CO. LTD.				
Name of station:		SGTPS PH III				
Installed Capacity (MW) :		500 MW				
Normative Annual Plant Load Factor (%) approved by Commission : 85%						
Month	2012-13	2013-14	2014-15	2015-16	2016-17	Reasons for shortfall in PLF achieved vis-a-vis NAPLF may be specified
April	100.9	95.7	90.1	48.5	95.84	-----
May	81.2	87.0	83.6	72.2	81.08	-----
June	98.7	82.8	76.1	77.9	82.29	-----
July	94.8	74.6	74.2	74.3	74.38	-----
August	5.7	77.0	80.8	79.2	83.53	-----
September	41.3	87.9	83.7	90.2	91.25	-----
October	91.4	79.5	82.5	95.4	91.54	-----
November	77.2	81.4	74.9	94.8	69.30	-----
December	94.2	80.9	85.4	91.4	87.55	-----
January	96.8	81.3	84.1	87.0	82.69	-----
February	85.2	85.7	66.0	88.7	78.55	-----
March	90.6	85.2	0.0	79.8	89.53	-----
Annual	79.80	83.2	73.4	81.6	84.00	-----

Annexure-IV

PLANT AVAILABILITY ACHIEVED						
Generating company:		M.P.POWER GENERATING CO. LTD.				
Name of station:		Shree Singaji Thermal Power Project, Khandwa				
Installed Capacity (MW) :		PH-I: 1200MW (2x600 MW)				
Normative Annual Plant Availability Factor (%) approved by Commission : 85%						
Month	2012-13	2013-14	2014-15	2015-16	2016-17	Reasons for shortfall in PAF achieved vis-a-vis NAPAF may be specified
April	-	-	20.67	67.57	96.5	
May	-	-	34.16	88.97	99.3	
June	-	-	18.28	91.80	99.3	
July	-	-	17.30	74.88	76.9	
August	-	-	9.09	72.68	48.5	
September	-	-	15.30	84.78	87.8	
October	-	-	57.45	79.37	97.8	
November	-	-	53.76	73.43	93.6	
December	-	-	23.62	72.60	90.5	
January	-	-	31.71	93.32	98.5	
February	-	16.67	25.47	84.76	99.1	
March	-	33.69	85.58	95.72	75.1	
Annual	-	25.61	35.78	81.66	88.2	

Reasons for shortfall in PAF achieved vis-a-vis NAPAF:-**2013-14**

1. Load restriction due to high Boiler water silica during startup of unit.
2. More No. of tripping of unit/forced outage.
3. Unit shutdown on dtd 12.02.14 due to shortage of coal and again synchronised on dtd 19.03.14 Cause

2014-15

1. Low condenser vacuum and scaling of condenser tubes.
2. Problem of high TG shaft vibrations.
3. Planned shutdown for Generator stator inspection and remedial measures.
4. Load restriction due to high Boiler water silica during startup of unit.
5. More No. of tripping of unit/ forced outage.
6. Failure of "Y" phase HT Bushing of GT in Unit no.2 in Jan-15.

2015-16

1. Low condenser vacuum and scaling of condenser tubes.
2. Problem of high TG shaft vibrations.
3. Load restriction due to high Boiler water silica during startup of unit.
4. More No. of tripping of unit/force outage.

2016-17

1. Achieved Normative PAF of 85%.

PLANT LOAD FACTOR						
Generating company:		M.P.POWER GENERATING CO. LTD.				
Name of Hydro- electric station:		Shree Singaji Thermal Power Project, Khandwa				
Installed Capacity (MW) :		PH-I: 1200MW (2x600 MW)				
Normative Annual Plant Load Factor (%) approved by Commission : 85%						
Month	2012-13	2013-14	2014-15	2015-16	2016-17	Reasons for shortfall in PLF achieved vis-a-vis NAPLF may be specified
April	-	-	20.9	23.0	9.1	----
May	-	-	34.3	14.0	20.2	----
June	-	-	18.6	39.0	0.0	----
July	-	-	17.7	47.2	0.0	----
August	-	-	9.4	12.1	0.0	----
September	-	-	15.5	59.9	10.3	----
October	-	-	58.2	70.2	24.4	----
November	-	-	54.7	42.8	61.1	----
December	-	-	24.0	55.7	69.1	----
January	-	-	8.8	69.9	48.5	----
February	-	17.0	25.4	42.5	28.8	----
March	-	33.0	36.0	8.2	11.1	----
Annual	-	25.4	26.2	40.4	23.5	----

PLANT AVAILABILITY FACTOR ACHIEVED

Generating Company: MPPGCL

Name of Generating Station : Gandhisagar HPS, Gandhisagar.

Installed Capacity(MW): 5 x 105 = 115 MW

Normative Annual Plant Availability Factor(%) approved by Commission: 85%

MONTH WISE PLANT AVAILABILITY (IN %) OF GANDHISAGAR HYDEL POWER STATION FROM FY-13 TO FY-17 (as per SLDC)							Reasons for shortfall in PAF achieved vis-a-via NAPAF
S.NO.	MONTH	2012-13	2013-14	2014-15	2015-16	2016-17	
1	APR	81.92	78.00	84.53	3.06	31.68	<p>As regard factors leading to shortfall in operational performance parameters of all HPS of MPPGCL in accordance with the norms fixed by MPERC, the following are reasons :-</p> <ol style="list-style-type: none"> 1) Scanty Rains. 2) Restriction imposed by WRD/ISCE. 3) Restriction imposed by Administrative Authority. 4) Running of unit by SLDC as per the requirement of the system.
2	MAY	70.03	79.32	79.35	1.07	87.67	
3	JUN	77.95	80.04	88.80	0.00	46.50	
4	JUL	23.39	91.83	92.91	26.10	0.00	
5	AUG	1.26	100.96	24.94	76.92	30.43	
6	SEP	60.74	100.04	2.77	0.00	17.62	
7	OCT	50.11	97.62	9.32	16.95	25.41	
8	NOV	96.76	91.89	49.01	60.22	46.56	
9	DEC	99.38	95.28	95.22	95.51	77.62	
10	JAN	99.94	99.60	99.09	98.61	95.37	
11	FEB	98.06	97.16	97.61	94.70	96.64	
12	MAR	98.90	101.05	44.29	92.43	92.79	
NORMATIVE ANNUAL PLANT AVAILABILITY FACTOR IN %		71.23	92.75	63.80	47.21	92.91	

PLANT AVAILABILITY FACTOR ACHIEVED

Generating Company: MPPGCL

Name of Generating Station : Pench HPS, Totladoh.

Installed Capacity(MW): 2 x 80 = 160 MW

Normative Annual Plant Availability Factor(%) approved by Commission: 85%

MONTH WISE PLANT AVAILABILITY (IN %) OF PENCH HYDEL POWER STATION FROM FY-13 TO FY-17 (as per SLDC)							
S.NO.	MONTH	2012-13	2013-14	2014-15	2015-16	2016-17	Reasons for shortfall in PAF achieved vis-a-vis NAPAF
1	APR	95.00	100.34	101.79	89.07	90.12	<p>As regard factors leading to shortfall in operational performance parameters of all HPS of MPPGCL in accordance with the norms fixed by MPERC, the following are reasons :-</p> <ol style="list-style-type: none"> 1) Scanty Rains. 2) Restriction imposed by WRD/ISCE. 3) Restriction imposed by Administrative Authority. 4) Running of unit by SLDC as per the requirement of the system.
2	MAY	67.18	73.95	67.22	92.81	46.92	
3	JUN	45.96	53.96	53.88	93.34	68.39	
4	JUL	53.99	51.11	78.63	95.07	96.98	
5	AUG	75.73	58.39	102.50	100.29	52.39	
6	SEP	91.67	102.04	79.34	100.87	97.90	
7	OCT	100.00	102.19	102.72	85.83	101.29	
8	NOV	100.68	102.17	102.61	95.06	101.17	
9	DEC	101.48	102.39	101.38	88.74	100.33	
10	JAN	102.50	94.28	58.08	62.52	99.52	
11	FEB	101.88	100.48	50.48	92.64	91.55	
12	MAR	100.77	101.23	82.00	90.91	95.88	
NORMATIVE ANNUAL PLANT AVAILABILITY FACTOR IN %		86.31	86.74	81.95	90.54	86.80	

PLANT AVAILABILITY FACTOR ACHIEVED

Generating Company: MPPGCL

Name of Generating Station : Bargi HPS, Barginagar.

Installed Capacity(MW): 2x 45 = 90MW

Normative Annual Plant Availability Factor(%) approved by Commission: 85%

MONTH WISE PLANT AVAILABILITY (IN %) OF BARGI HYDEL POWER STATION FROM FY-13 TO FY-17 (as per SLDC)							
S.NO.	MONTH	2012-13	2013-14	2014-15	2015-16	2016-17	Reasons for shortfall in PAF achieved vis-a- via NAPAF
1	APR	84.41	71.87	90.01	87.44	65.01	As regard factors leading to shortfall in operational performance parameters of all HPS of MPPGCL in accordance with the norms fixed by MPERC, the following are reasons :- 1) Scanty Rains. 2) Restriction imposed by WRD/ISCE. 3) Restriction imposed by Administrative Authority. 4) Running of unit by SLDC as per the requirement of the system.
2	MAY	53.21	48.04	79.11	79.50	47.27	
3	JUN	37.48	71.53	41.11	55.07	48.10	
4	JUL	75.29	83.63	21.32	74.83	55.84	
5	AUG	101.43	100.76	81.86	98.62	101.88	
6	SEP	102.22	101.35	101.42	101.57	101.98	
7	OCT	102.22	102.17	101.70	100.68	102.78	
8	NOV	102.06	101.42	101.61	101.16	101.83	
9	DEC	102.31	101.26	104.41	101.15	101.23	
10	JAN	102.28	101.01	69.91	66.25	100.33	
11	FEB	101.05	101.13	93.39	54.52	99.03	
12	MAR	97.75	97.25	91.16	87.28	90.36	
NORMATIVE ANNUAL PLANT AVAILABILITY FACTOR IN %		88.45	90.07	81.04	84.13	90.66	

PLANT AVAILABILITY FACTOR ACHIEVED

Generating Company: MPPGCL

Name of Generating Station : Tons HPS, Sirmour

Installed Capacity(MW): 3x 105 = 315 MW

Normative Annual Plant Availability Factor(%) approved by Commission: 85%

MONTH WISE PLANT AVAILABILITY (IN %) OF TONS HYDEL POWER STATION FROM FY-13 TO FY-17 (as per SLDC)							Reasons for shortfall in PAF achieved vis-a-via NAPAF
S.NO.	MONTH	2012-13	2013-14	2014-15	2015-16	2016-17	
1	APR	64.35	96.15	96.68	98.54	84.90	<p>As regard factors leading to shortfall in operational performance parameters of all HPS of MPPGCL in accordance with the norms fixed by MPERC, the following are reasons :-</p> <ol style="list-style-type: none"> 1) Scanty Rains. 2) Restriction imposed by WRD/ISCE. 3) Restriction imposed by Administrative Authority. 4) Running of unit by SLDC as per the requirement of the system.
2	MAY	67.88	88.77	97.67	62.95	68.89	
3	JUN	75.12	68.89	97.99	36.73	37.89	
4	JUL	96.77	92.57	59.16	34.25	85.76	
5	AUG	87.06	92.30	96.19	66.19	95.37	
6	SEP	96.86	94.15	86.24	83.01	101.82	
7	OCT	97.44	96.96	99.04	89.69	101.30	
8	NOV	94.09	97.59	98.47	99.06	95.88	
9	DEC	83.31	98.09	97.10	97.99	101.30	
10	JAN	97.40	80.58	86.41	99.62	101.96	
11	FEB	94.12	94.19	69.58	89.46	97.77	
12	MAR	97.32	98.85	96.48	88.90	101.66	
NORMATIVE ANNUAL PLANT AVAILABILITY FACTOR IN %		87.65	91.60	90.20	78.80	89.91	

PLANT AVAILABILITY FACTOR ACHIEVED

Generating Company: MPPGCL

Name of Generating Station : B.S.-II HPS, Silpara

Installed Capacity(MW): 2 x 15 = 30 MW

Normative Annual Plant Availability Factor(%) approved by Commission: 90

MONTH WISE PLANT AVAILABILITY (IN %) OF B.S.-II SILPARA HYDEL POWER STATION FROM FY-13 TO FY-17 (as per SLDC)							Reasons for shortfall in PAF achieved vis-a-vis NAPAFA
S.NO.	MONTH	2012-13	2013-14	2014-15	2015-16	2016-17	
1	APR	31.56	98.99	97.64	42.99	32.91	As regard factors leading to shortfall in operational performance parameters of all HPS of MPPGCL in accordance with the norms fixed by MPERC, the following are reasons :- 1) Scanty Rains. 2) Restriction imposed by WRD/ISCE. 3) Restriction imposed by Administrative Authority. 4) Running of unit by SLDC as per the requirement of the system.
2	MAY	36.02	80.59	94.49	33.24	39.21	
3	JUN	41.89	76.09	98.09	19.98	21.78	
4	JUL	56.34	46.65	44.75	24.11	6.63	
5	AUG	35.70	58.34	4.78	17.49	5.15	
6	SEP	28.22	105.95	8.75	44.44	74.18	
7	OCT	98.71	103.29	17.70	41.60	68.33	
8	NOV	100.22	103.48	53.31	39.23	92.04	
9	DEC	98.08	105.90	54.85	38.77	91.17	
10	JAN	103.18	105.68	85.26	44.31	84.95	
11	FEB	99.09	102.93	90.55	36.34	82.02	
12	MAR	99.49	101.66	65.49	28.55	86.08	
NORMATIVE ANNUAL PLANT AVAILABILITY FACTOR IN %		71.19	90.64	59.33	34.22	75.79	

PLANT AVAILABILITY FACTOR ACHIEVED

Generating Company: MPPGCL

Name of Generating Station : B.S.-III HPS, Deolond

Installed Capacity(MW): 3 x 20 = 60 MW

Normative Annual Plant Availability Factor(%) approved by Commission: 85%

MONTH WISE PLANT AVAILABILITY (IN %) OF B.S.-III DEOLOND HYDEL POWER STATION FROM FY-13 TO FY-17 (as per SLDC)							Reasons for shortfall in PAF achieved vis-a-vis NAPAF
S.NO.	MONTH	2012-13	2013-14	2014-15	2015-16	2016-17	
1	APR	0.00	0.00	0.00	0.00	0.00	<p>As regard factors leading to shortfall in operational performance parameters of all HPS of MPPGCL in accordance with the norms fixed by MPERC, the following are reasons :-</p> <ol style="list-style-type: none"> 1) Scanty Rains. 2) Restriction imposed by WRD/ISCE. 3) Restriction imposed by Administrative Authority. 4) Running of unit by SLDC as per the requirement of the system.
2	MAY	0.00	5.70	0.00	0.00	0.00	
3	JUN	0.00	0.00	0.00	65.71	0.00	
4	JUL	70.32	35.35	4.34	12.65	0.00	
5	AUG	102.58	100.14	60.66	0.00	49.69	
6	SEP	103.33	82.94	98.37	65.10	81.82	
7	OCT	70.00	77.66	54.74	87.98	40.76	
8	NOV	27.05	0.00	0.00	0.00	0.00	
9	DEC	0.00	0.00	0.00	0.00	0.00	
10	JAN	50.45	0.00	0.00	0.00	100.00	
11	FEB	18.52	0.00	21.83	0.00	100.00	
12	MAR	0.00	0.00	20.26	0.00	100.00	
NORMATIVE ANNUAL PLANT AVAILABILITY FACTOR IN %		37.05	25.40	21.65	19.25	95.45	

PLANT AVAILABILITY FACTOR ACHIEVED

Generating Company: MPPGCL

Name of Generating Station : B.S.-IV HPS, Jhinna

Installed Capacity(MW): 2 x 10 = 20 MW

Normative Annual Plant Availability Factor(%) approved by Commission: 85%

MONTH WISE PLANT AVAILABILITY (IN %) OF B.S.-IV JHINNA HYDEL POWER STATION FROM FY-13 TO FY-17 (as per SLDC)							Reasons for shortfall in PAF achieved vis-a-via NAPAF
S.NO.	MONTH	2012-13	2013-14	2014-15	2015-16	2016-17	
1	APR	60.00	94.53	111.11	106.06	41.58	As regard factors leading to shortfall in operational performance parameters of all HPS of MPPGCL in accordance with the norms fixed by MPERC, the following are reasons :- 1) Scanty Rains. 2) Restriction imposed by WRD/ISCE. 3) Restriction imposed by Administrative Authority. 4) Running of unit by SLDC as per the requirement of the system.
2	MAY	49.68	54.99	104.92	76.74	37.80	
3	JUN	73.67	81.48	100.34	40.40	22.90	
4	JUL	90.65	44.80	44.15	30.95	7.67	
5	AUG	76.94	91.69	25.09	20.20	14.72	
6	SEP	56.00	106.06	10.27	53.64	91.58	
7	OCT	105.00	106.06	22.16	48.22	93.03	
8	NOV	106.06	110.94	99.49	53.87	111.11	
9	DEC	106.06	110.95	84.39	98.57	110.95	
10	JAN	104.11	110.95	76.08	75.27	111.11	
11	FEB	105.70	110.93	107.50	73.49	111.11	
12	MAR	106.22	0.00	104.19	37.15	104.59	
NORMATIVE ANNUAL PLANT AVAILABILITY FACTOR IN %		89.94	94.34	73.80	59.43	89.52	

PLANT AVAILABILITY FACTOR ACHIEVED

Generating Company: MPPGCL

Name of Generating Station : Birsinghpur HPS, Birsinghpur

Installed Capacity(MW): 1 x 20 = 20 MW

Normative Annual Plant Availability Factor(%) approved by Commission: 85%

MONTH WISE PLANT AVAILABILITY (IN %) OF BIRSINGHPUR HYDEL POWER STATION FROM FY-13 TO FY-17 (as per SLDC)							Reasons for shortfall in PAF achieved vis-a-vis NAPAF
S.NO.	MONTH	2012-13	2013-14	2014-15	2015-16	2016-17	
1	APR	100.00	10.00	96.67	100.00	0.00	<p>As regard factors leading to shortfall in operational performance parameters of all HPS of MPPGCL in accordance with the norms fixed by MPERC, the following are reasons :-</p> <ol style="list-style-type: none"> 1) Scanty Rains. 2) Restriction imposed by WRD/ISCE. 3) Restriction imposed by Administrative Authority. 4) Running of unit by SLDC as per the requirement of the system.
2	MAY	12.90	74.19	45.16	100.00	0.00	
3	JUN	80.00	13.33	30.00	100.00	33.33	
4	JUL	100.00	100.00	100.00	100.00	100.00	
5	AUG	48.39	100.00	100.00	74.19	100.00	
6	SEP	100.00	100.00	96.67	100.00	100.00	
7	OCT	100.00	54.84	90.32	100.00	100.00	
8	NOV	100.00	100.00	100.00	100.00	100.00	
9	DEC	0.00	100.00	100.00	0.00	100.00	
10	JAN	86.31	100.00	100.00	0.00	100.00	
11	FEB	100.00	82.14	100.00	0.00	100.00	
12	MAR	100.00	100.00	100.00	0.00	100.00	
NORMATIVE ANNUAL PLANT AVAILABILITY FACTOR IN %		76.92	85.48	88.22	64.48	98.36	

PLANT AVAILABILITY FACTOR ACHIEVED

Generating Company: MPPGCL

Name of Generating Station :Rajghat HPS, Chanderi

Installed Capacity(MW): 3 x 15 = 45 MW

Normative Annual Plant Availability Factor(%) approved by Commission: 85%

MONTH WISE PLANT AVAILABILITY (IN %) OF RAJGHAT HYDEL POWER STATION FROM FY-13 TO FY-17 (as per SLDC)							
S.NO.	MONTH	2012-13	2013-14	2014-15	2015-16	2016-17	Reasons for shortfall in PAF achieved vis-a-vis NAPAF
1	APR	0.00	59.00	0.00	0.00	0.00	<p>As regard factors leading to shortfall in operational performance parameters of all HPS of MPPGCL in accordance with the norms fixed by MPERC, the following are reasons :-</p> <p>1) Scanty Rains. 2) Restriction imposed by WRD/ISCE. 3) Restriction imposed by Administrative Authority. 4) Running of unit by SLDC as per the requirement of the system.</p>
2	MAY	0.00	0.00	0.00	0.00	0.00	
3	JUN	0.00	0.00	0.00	0.00	0.00	
4	JUL	0.00	12.83	0.00	2.94	37.71	
5	AUG	32.11	34.98	38.21	30.18	40.93	
6	SEP	62.07	28.07	52.59	0.00	0.00	
7	OCT	31.68	36.70	28.46	9.03	0.00	
8	NOV	53.41	41.78	86.74	40.97	29.55	
9	DEC	20.57	60.65	20.93	42.15	36.27	
10	JAN	28.82	0.93	0.00	9.53	48.53	
11	FEB	11.90	15.24	43.41	0.00	41.27	
12	MAR	21.00	110.79	15.13	0.00	0.00	
NORMATIVE ANNUAL PLANT AVAILABILITY FACTOR IN %		21.80	19.37	23.51	11.31	21.46	

PLANT AVAILABILITY FACTOR ACHIEVED

Generating Company: MPPGCL

Name of Generating Station : Madikheda HPS, Shivpuri

Installed Capacity(MW): 3 x 20 = 60 MW

Normative Annual Plant Availability Factor(%) approved by Commission: 85%

MONTH WISE PLANT AVAILABILITY (IN %) OF MADIKHEDA HYDEL POWER STATION FROM FY-13 TO FY-17 (as per SLDC)							
S.NO.	MONTH	2012-13	2013-14	2014-15	2015-16	2016-17	Reasons for shortfall in PAF achieved vis-a-via NAPAF
1	APR	0.00	0.00	62.10	0.00	0.00	<p>As regard factors leading to shortfall in operational performance parameters of all HPS of MPPGCL in accordance with the norms fixed by MPERC, the following are reasons :-</p> <ol style="list-style-type: none"> 1) Scanty Rains. 2) Restriction imposed by WRD/ISCE. 3) Restriction imposed by Administrative Authority. 4) Running of unit by SLDC as per the requirement of the system.
2	MAY	0.00	2.17	71.47	0.00	0.00	
3	JUN	0.00	15.43	6.45	0.00	0.00	
4	JUL	49.46	61.58	5.21	3.04	57.49	
5	AUG	100.70	100.58	66.20	82.17	102.71	
6	SEP	101.83	60.72	24.13	68.01	103.05	
7	OCT	100.38	101.28	80.81	102.48	103.54	
8	NOV	102.75	32.94	99.21	102.41	103.41	
9	DEC	101.93	104.16	48.55	98.46	103.73	
10	JAN	104.70	90.26	89.06	63.65	103.04	
11	FEB	99.57	84.72	54.29	74.02	96.80	
12	MAR	29.34	53.44	21.29	7.82	89.79	
NORMATIVE ANNUAL PLANT AVAILABILITY FACTOR IN %		65.77	59.07	52.68	50.12	91.65	

Annexure V(C)

Name of Generating Station	Satpura Thermal Power Station Sarni PH-1 (5x62.5 MW)
CoD of units-	FY 1967 to FY 1970.

Amount in Rs. Lakhs

Financial Year	Add-Cap allowed by the Commission under provisom of regulation 9(2)	Compensatory Allowance allowed by the Commission (MPERC)	Special Allowance allowed by the Commission(MPERC)	Details of Asset/work wise capitalization based on the Expenditure allowed by the Commission(MPERC) in the Tariff period (2009-14)			Capitaliza tion done which has not been calimed/a llowed in tariff	Total addition during the year	Total addition during the year as per duly audited schedule of Fixed Asset	Varitaion if any to be reconciled/ justified	
				Capitalization out of addl.cap allowed under Regulation(2)	Capitalization out of special Allowance allowed in stations wherever applicable	Capitalization out of Compensation allowance in the stations Whereever applicable					
FY 2009-10	As special allowance availed, No. addl. Capitalization was claimed by MPPGCL in tariff	NIL	1563	As special allowance availed, No addl. Capitalization was claimed by MPPGCL in tariff	755.36	NIL	NIL	755.36	755.36	--	
FY 2010-11		NIL	1652		0	NIL		0	0	--	
FY 2011-12		NIL	1746	All the Five units of STPS PH-1 were retired during FY 2011-12 & FY 2012-13							
FY 2012-13 *		NIL	1603								

*Proportionate Special Allowance was claimed/allowed by MPERC.

Name of Generating Station	Satpura Thermal Power Station Sarni PH-2 &3 (200 MW+210 MW) + (2x210MW)
CoD of units-	FY 1980 to FY 1984.

Amount in Rs. Lakhs

Financial Year	Add-Cap allowed by the Commission under provision of regulation 9(2)	Compensatory Allowance allowed by the Commission (MPERC)	Special Allowance allowed by the Commission(MPERC)	Details of Asset/work wise capitalization based			Capitalization done which has not been claimed/allowed in tariff	Total addition during the year	Total addition during the year as per duly audited schedule of Fixed	Varitaion if any to be reconciled/ justified
				Capitalization out of addl.cap allowed under Regulation(2)	Capitalization out of special Allowance allowed in stations wherever applicable	Capitalization out of Compensation allowance in the stations Wherever applicable				
FY 2011-12	As special allowance availed, No. addl. Capitalization was claimed by MPPGCL in tariff	NIL	4640	As special allowance availed, No addl. Capitalization was claimed by MPPGCL in tariff	4640	NIL	NIL	8697	8697	--
FY 2012-13		NIL	4905		4905	NIL		6698	6698	--
FY 2013-14		NIL	6225		2245	NIL		2245	2245	--
FY 2014-15		NIL	6719		6719	NIL		10542	10542	--
FY 2015-16		NIL	7251		4946	NIL		4946	4946	--
FY 2016-17		NIL	7715		32	NIL		32	32	--
FY 2017-18		NIL	8205		--	NIL		--	--	--
FY 2018-19	NIL	8726	--	NIL	--	--	--			

Name of Generating Station	Sanjay Gandhi Thermal Power Station Birsinghpur PH-1 &2 (2x210MW) + (2x210MW)
CoD of units-	FY 1993-94 & 1998-99

Amount in Rs. Lakhs

Financial Year	Add-Cap allowed by the Commission under provision of regulation 9(2)	Compensatory Allowance allowed by the Commission (MPERC)	Special Allowance allowed by the Commission(MPERC)	Details of Asset/work wise capitalization based			Capitalization done which has not been claimed/allowed in tariff	Total addition during the year	Total addition during the year as per duly audited schedule of Fixed	Varitaion if any to be reconciled/ justified
				Capitalization out of addl.cap allowed under Regulation 9(2)	Capitalization out of special Allowance allowed in stations wherever applicable	Capitalization out of Compensation allowance in the stations Wherever applicable				
FY 2009-10	4.51	2.10	NIL	4.51	NIL	2.10	NIL	4.51	4.51	--
FY 2010-11	4.59	2.10	NIL	4.59	NIL	2.10		4.59	4.59	--
FY 2011-12	0.01	2.10	NIL	0.01	NIL	0.01		0.01	0.01	--
FY 2012-13	0.02	2.10	NIL	0.02	NIL	0.02		0.02	0.02	--
FY 2013-14	0.15	2.65	NIL	0.15	NIL	0.15		0.15	0.15	--
FY 2014-15	15.19	4.33	NIL	15.19	NIL	4.33		15.19	15.19	--
FY 2015-16	2.99	5.38	NIL	2.99	NIL	2.99		2.99	2.99	--
FY 2016-17	True up order awaited	6.30	NIL	True up order awaited	NIL	6.30		14.12	14.12	--
FY 2017-18	--	6.30	NIL	--	NIL	--	--	--	--	
FY 2018-19	--	6.30	NIL	--	NIL	--	--	--	--	

Power Stationwise Operation and Maintenance Expenses for FY 13																		
Particulars	Amount in Rs. Lakhs																	
	ATPS	STPS	SGTPS	SSTPP	Thermal	Bansagar	Birpur	Bargi	G.Sagar	J. Sagar	Madikheda	Maheshwar	Pench	R.P.Sagar	Rajghat	Total Hydro	HQ	MPPGCL
	Thermal	Thermal	Thermal	Thermal	Total	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total	Total	Total
Administrative & General Expenses																		
1 Rent	0.00	0.00	0.02	1.82	1.84	0.31	0.00	0.00	0.00	43.43	1.07	0.00	0.00	39.44	0.00	84.25	0.00	86.08
2 Rates & Taxes	1.60	25.86	2.28	0.00	29.75	5.18	0.00	3.10	1.78	0.50	0.31	0.00	0.19	0.44	0.24	11.74	7.21	48.69
3 Insurance Expenses	0.36	0.34	0.39	0.00	1.09	0.00	0.00	0.14	0.00	0.28	0.00	0.00	0.00	0.21	0.08	0.71	0.00	1.80
4 Telephone, Communication, postage	12.50	24.53	25.87	4.41	67.31	5.02	0.22	0.72	0.25	0.65	0.68	-0.01	0.97	0.92	0.10	9.53	0.00	76.84
5 Legal Charges	4.54	12.36	17.08	2.08	36.05	6.08	0.18	0.81	0.52	0.00	1.87	0.00	1.18	0.01	0.20	10.85	0.00	46.90
6 Audit Fee	2.61	5.75	7.76	0.00	16.12	2.46	0.12	0.52	0.33	0.00	0.35	0.00	0.62	0.00	0.13	4.53	0.00	20.65
7 Consultancy Charge / Technical Fee	182.96	584.63	348.00	820.86	1936.45	16.87	0.84	1.90	1.26	0.00	1.27	0.00	2.25	0.00	1.13	25.53	0.00	1961.98
8 Conveyance & Travel expenses	20.10	42.56	27.47	7.84	97.97	7.66	0.21	1.64	1.03	0.88	1.68	0.00	1.79	0.92	0.56	16.38	0.00	114.35
9 Vehicle Hire and running expenses	11.87	31.70	99.78	23.88	167.22	4.40	0.05	1.81	5.83	2.63	7.93	-0.02	2.40	2.48	5.29	32.81	0.00	200.03
10 Fees & Subscriptions	103.91	198.46	257.40	17.46	577.23	56.14	2.86	19.09	11.28	0.00	11.26	0.00	22.12	0.00	4.92	127.68	0.00	704.91
12 Printing & Stationery	5.82	19.18	17.19	2.60	44.78	4.16	0.10	0.77	0.47	0.41	0.55	0.00	0.73	0.61	0.36	8.16	0.00	52.94
13 Advertisement Expenses	0.01	0.36	0.02	1.04	1.42	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	1.49
14 Electricity Charges (Offices)	0.04	282.64	0.13	243.97	526.78	11.28	0.00	0.01	27.28	5.73	1.26	0.00	-0.03	1.73	9.59	56.84	0.00	583.63
15 Miscellaneous expenses	61.02	187.55	95.25	110.57	454.39	24.44	0.36	8.16	10.04	0.63	31.52	0.00	1.91	0.85	0.71	78.62	0.00	533.01
16 Sharable Head office expenses	10.25	23.18	30.98	0.00	64.41	9.68	0.00	2.05	1.31	15.17	1.37	0.00	2.43	20.47	0.51	52.99	0.00	117.40
17 Material related expenses	168.53	671.91	499.41	2295.78	3635.62	58.39	6.19	14.20	2.46	1.09	7.47	0.00	11.66	0.91	0.96	103.33	0.00	3738.96
18 Other Exps	0.75	1.24	0.50	0.00	2.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.49
19 Gross A&G Expenses	586.87	2112.25	1429.54	3532.29	7660.94	212.12	11.14	54.92	63.87	71.40	68.58	-0.03	48.21	69.00	24.80	624.02	7.21	8292.16
20 Less-Charged to Capital Works in Progress	0.00	460.87	0.00	3532.29	3993.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3993.15
21 Less-Head Quarter Over heads Charged to Other States	0.00	836.11	0.00	0.00	836.11	0.00	0.00	0.10	52.90	0.00	0.00	0.00	13.46	0.00	8.90	75.35	0.00	911.47
Net A&G Expenses(SubTotal-A)	586.87	815.26	1429.54	0.00	2831.67	212.12	11.14	54.83	10.97	71.40	68.58	-0.03	34.76	69.00	15.90	548.66	7.21	3387.54
Repairs & Maintenance Expenses																		
1 Gross Repairs & Maintenance	3228.95	6442.34	8996.79	0.52	18668.60	306.83	17.29	101.57	38.89	47.88	44.46	0.00	87.70	87.17	33.65	765.46	0.00	19434.06
2 Less :-Charged to Capital Works in Progress	0.00	0.14	0.00	0.52	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66
Net R&M Exps(SubTotal-B)	3228.95	6442.20	8996.79	0.00	18667.94	306.83	17.29	101.57	38.89	47.88	44.46	0.00	87.70	87.17	33.65	765.46	0.00	19433.40
Employees Expenses																		
1 Salaries	2827.36	6777.60	4311.36	476.90	14393.22	1534.58	54.88	340.76	186.26	68.32	201.55	0.00	224.33	98.31	96.55	2805.53	0.00	17198.74
2 Over Time	464.33	1379.18	337.40	0.00	2180.91	122.99	3.55	44.59	32.07	3.69	1.03	0.00	27.04	5.74	4.54	245.25	0.00	2426.16
3 Dearness Allowance	1813.30	4371.00	2675.84	302.03	9162.17	1021.37	34.81	219.23	126.42	46.18	133.17	0.00	148.56	68.30	63.68	1861.72	0.00	11023.89
4 Other Allowances	78.10	159.76	123.97	24.20	386.02	48.81	2.08	11.23	5.61	3.65	8.07	0.00	7.70	4.94	3.86	95.97	0.00	481.99
5 Bonus and Incentive	183.60	766.45	278.59	0.00	1228.64	54.84	2.12	13.05	11.47	0.93	7.20	0.67	11.51	2.13	8.04	111.95	0.00	1340.59
6 Medical Expenses reimbursement	9.20	79.89	14.10	0.46	103.65	4.86	0.24	0.81	1.08	2.53	1.21	0.00	1.69	2.36	0.57	15.34	0.00	118.99
7 Compensatory off encashment	85.29	74.89	26.46	0.00	186.64	12.75	3.84	8.24	1.68	0.00	4.01	0.00	1.93	0.00	2.72	35.17	0.00	221.80
8 Payment under Workmens' Compensation Act	0.00	0.01	7.69	0.00	7.70	0.00	0.00	0.00	0.00	33.04	0.00	0.00	29.50	40.93	0.00	103.47	0.00	111.17
10 Staff Welfare expenses	56.95	344.80	109.52	11.86	523.12	23.13	0.16	5.67	2.32	0.38	2.04	0.00	1.95	0.86	1.10	37.61	0.00	560.74
11 Terminal Benefits including E.L. encashment on retirement	1213.95	3078.55	2064.20	6.56	6363.25	740.98	8.58	29.85	87.98	33.26	74.67	0.00	100.71	41.35	41.90	1159.28	0.00	7522.53
12 Gross Employee Expenses	6732.07	17032.12	9949.13	822.01	34535.32	3564.33	110.26	673.42	454.88	191.98	432.96	0.67	554.92	264.93	222.94	6471.29	0.00	41006.61
13 Less:- Charged to Capital Works in Progress	0.00	376.41	0.00	819.59	1195.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1195.99
Net Employees Exps.(SubTotal-C)	6732.07	16655.72	9949.13	2.42	33339.33	3564.33	110.26	673.42	454.88	191.98	432.96	0.67	554.92	264.93	222.94	6471.29	0.00	39810.62

Power Stationwise Operation and Maintenance Expenses for FY 13

Particulars		Amount in Rs. Lakhs																	
		ATPS	STPS	SGTPS	SSTPP	Thermal	Bansagar	Birpur	Bargi	G.Sagar	J. Sagar	Madikheda	Maheshwar	Pench	R.P.Sagar	Rajghat	Total Hydro	HQ	MPPGCL
		Thermal	Thermal	Thermal	Thermal	Total	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total	Total	Total
Consumable Items-Generation																			
1	Cost of Water	131.18	516.41	137.99	0.00	785.58	1376.25	43.63	735.74	585.16	0.00	280.37	0.00	0.00	2.00	0.00	3023.14	0.00	3808.72
2	Cost of Chemicals	95.08	195.95	55.83	0.00	346.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	346.87
3	Lubricants & consumables	12.12	369.26	279.74	0.00	661.12	0.00	7.30	0.00	3.70	7.22	1.65	0.00	1.89	6.86	11.93	40.55	0.00	701.66
Consumable Items(SubTotal-D)		1320.00	3348.75	3643.38	3220.74	3956.48	2751.77	1382.74	1613.84	878.10	291.14	292.77	22.68	22.68	3084.47	3075.61	7920.94	4857.25	4857.25
Grand Total(A+B+C+D)		11867.89	27261.93	24018.83	3223.16	58795.42	6835.05	1521.43	2443.66	1382.84	602.40	838.78	23.31	700.05	3505.57	3348.11	15706.35	4864.46	67488.81

Note:1. The Expenses indicated above is as per Audited Books of Accounts and for MPPGCL share.
 2. The Employee expenses excludes the impact of 7th Pay Commission

Power Stationwise Operation and Maintenance Expenses for FY 14

Particulars	Amount in Rs. Lakhs																		
	ATPS	STPS	SGTPS	Malwa	Thermal	Sirmor	Birpur	Bargi	G.S.	J. S.	Madikheda	Maheshwar	Pench	R.P.S.	Rajghat	S&I	Hydro	HQ	MPPGCL
	Thermal	Thermal	Thermal	Thermal	Total	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total	Total	Total	Total
Administrative & General Expenses																			
1 Rent	0.03	0.08	0.10	5.37	5.58	0.03	0.00	0.01	0.00	0.00	0.67	0.00	0.01	0.00	0.00	0.00	0.72	0.00	6.30
2 Rates & Taxes	2.52	41.99	3.00	0.19	47.71	8.02	0.04	2.50	1.98	0.10	0.52	0.00	0.39	0.23	0.37	0.00	14.14	0.00	61.85
3 Insurance Expenses	1.11	1.31	0.44	0.00	2.86	0.00	0.00	0.16	0.02	0.18	0.02	0.00	0.04	0.22	0.00	0.00	0.64	0.00	3.50
4 Telephone, Communication, postage Charges	14.28	38.46	28.34	7.85	88.93	6.49	0.23	0.80	0.31	0.74	0.85	0.00	1.15	0.66	0.19	0.00	11.42	0.00	100.35
5 Legal Charges	10.48	30.91	29.53	7.55	78.47	10.35	0.41	1.85	1.18	0.00	1.23	0.00	2.24	0.00	0.46	0.00	17.72	0.00	96.19
6 Audit Fee	2.74	6.55	8.16	0.59	18.05	2.59	0.12	0.55	0.35	0.00	0.37	0.00	0.65	0.00	0.14	0.00	4.76	0.00	22.81
7 Consultancy Charge / Technical Fee	91.63	244.78	86.41	276.38	699.19	13.74	0.75	1.48	1.05	0.00	2.19	0.00	2.57	0.00	0.54	0.00	22.32	0.00	721.52
8 Conveyance & Travel expenses	15.59	42.25	49.62	14.39	121.85	8.39	0.30	1.56	1.10	0.61	1.50	0.00	2.17	1.06	0.63	0.00	17.31	0.00	139.16
9 Vehicle Hire and running expenses	11.03	53.29	185.28	0.77	250.37	7.61	0.16	9.32	5.67	3.06	18.69	0.00	14.69	2.28	6.08	0.00	67.55	0.00	317.93
10 Fees & Subscriptions	45.46	77.45	67.89	22.40	213.20	11.60	0.83	9.02	2.03	0.00	1.64	0.00	5.13	0.00	0.61	0.00	30.86	0.00	244.06
12 Printing & Stationery	8.27	33.85	30.01	4.61	76.74	6.36	0.34	1.23	0.82	0.59	0.87	0.00	1.23	0.55	0.44	0.00	12.42	0.00	89.16
13 Advertisement Expenses	0.14	0.34	0.41	16.54	17.42	0.13	0.01	0.03	0.02	0.00	0.02	0.00	0.05	0.00	0.01	0.00	0.26	0.00	17.68
14 Electricity Charges (Offices)	0.12	276.63	0.36	774.86	1051.97	12.45	0.01	0.02	33.68	4.33	3.71	0.00	0.03	1.54	0.01	0.00	55.77	0.00	1107.74
15 Miscellaneous expenses	69.10	182.20	138.80	182.86	572.95	34.09	0.37	2.92	11.13	59.02	37.00	0.00	2.15	53.66	0.27	0.00	200.60	0.00	773.55
16 Sharable Head office expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.58	0.00	0.00	0.00	18.73	0.00	0.00	34.31	0.00	34.31
17 Material related expenses	190.07	993.44	391.75	794.11	2369.38	68.38	2.83	2.02	2.53	1.29	0.34	0.00	1.39	1.33	0.48	0.00	78.58	0.00	2447.97
18 Other Exps	1.76	0.54	1.31	0.04	3.66	0.18	0.01	0.08	0.02	0.02	0.02	0.00	0.04	0.04	0.01	0.00	0.42	0.00	4.08
19 Gross A&G Expenses	464.35	2024.08	1021.39	2108.51	5618.33	188.39	6.40	33.53	61.88	85.52	69.63	0.00	33.95	80.29	10.23	0.00	569.82	0.00	6188.15
20 Less-Charged to Capital Works in Progress	0.00	545.09	0.00	1953.17	2498.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2498.26
21 Less-Head Quarter Over heads Charged to Other States	0.00	442.35	0.00	0.00	442.35	0.00	0.00	0.00	52.27	0.00	0.00	0.00	11.06	0.00	12.90	0.00	76.23	0.00	518.58
Net A&G Expenses(SubTotal-A)	464.35	1036.64	1021.39	155.35	2677.72	188.39	6.40	33.53	9.61	85.52	69.63	0.00	22.89	80.29	-2.67	0.00	493.59	0.00	3171.31
Repairs & Maintenance Expenses																			
1 Gross Repairs & Maintenance	2558.93	6541.93	9978.24	1.57	19080.67	517.81	6.78	100.52	22.41	47.59	29.19	0.00	79.87	43.31	33.27	0.00	880.75	0.00	19961.42
2 Less :-Charged to Capital Works in Progress	0.00	0.00	0.00	1.42	1.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42
Net R&M Exps(SubTotal-B)	2558.93	6541.93	9978.24	0.15	19079.25	517.81	6.78	100.52	22.41	47.59	29.19	0.00	79.87	43.31	33.27	0.00	880.75	0.00	19960.00
Employees Expenses																			
1 Salaries	2812.31	7147.12	4266.23	870.15	15095.80	1582.54	58.87	358.23	185.12	62.02	203.18	0.00	226.31	89.43	92.41	0.00	2858.12	0.00	17953.91
2 Over Time	443.87	1381.99	385.13	0.00	2210.98	152.85	6.94	32.33	25.16	3.37	1.16	0.00	7.46	4.46	8.65	0.00	242.39	0.00	2453.37
3 Dearness Allowance	2463.15	6124.62	3659.07	800.59	13047.43	1410.35	52.97	307.48	165.06	50.39	177.16	0.00	198.99	80.11	81.81	0.00	2524.33	0.00	15571.76
4 Other Allowances	87.03	199.34	149.39	48.02	483.78	61.04	2.43	12.70	6.30	4.94	10.83	0.00	21.78	6.01	4.60	0.00	130.64	0.00	614.42
5 Bonus and Incentive	33.51	88.58	42.50	16.44	181.04	25.74	0.79	0.12	0.29	0.00	1.67	-0.67	-2.67	0.00	-0.94	0.00	24.33	0.00	205.37
6 Medical Expenses reimbursement	22.41	85.73	19.64	2.22	130.00	2.32	0.24	1.50	0.35	2.41	0.45	0.00	1.00	1.77	-0.20	0.00	9.84	0.00	139.84
7 Compensatory off encashment	141.62	105.63	127.53	1.27	376.06	16.57	3.28	8.72	3.92	0.00	4.17	0.00	1.48	0.00	3.92	0.00	42.07	0.00	418.12
8 Payment under Workmens' Compensation Act	0.00	0.01	0.00	0.12	0.13	0.42	0.00	0.00	0.00	34.53	0.00	0.00	0.00	49.66	0.00	0.00	84.60	0.00	84.73
9 Arrears of Wage revision(placement)		0.00			0.00												0.00		0.00
10 Staff Welfare expenses	59.57	354.50	124.15	3.10	541.32	31.25	0.43	7.30	3.32	0.31	2.80	0.00	3.98	0.68	1.44	0.00	51.49	0.00	592.82
11 Terminal Benefits including E.L. encashment on retirement	1439.18	3810.93	2075.27	454.22	7779.60	903.84	8.21	179.76	104.56	32.17	78.72	0.00	116.72	33.32	46.33	0.00	1503.63	0.00	9283.23
12 Gross Employee Expenses	7502.65	19298.45	10848.90	2196.14	39846.14	4186.91	134.17	908.14	494.08	190.14	480.15	-0.67	575.05	265.44	238.01	0.00	7471.43	0.00	47317.57
13 Less:- Charged to Capital Works in Progress	0.00	742.85	0.00	1430.33	2173.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2173.18
Net Employees Exps.(SubTotal-C)	7502.65	18555.60	10848.90	765.80	37672.96	4186.91	134.17	908.14	494.08	190.14	480.15	-0.67	575.05	265.44	238.01	0.00	7471.43	0.00	45144.40

Power Stationwise Operation and Maintenance Expenses for FY 14

Amount in Rs. Lakhs

Particulars	ATPS	STPS	SGTPS	Malwa	Thermal	Sirmor	Birpur	Bargi	G.S.	J. S.	Madikheda	Maheshwar	Pench	R.P.S.	Rajghat	S&I	Hydro	HQ	MPPGCL	
	Thermal	Thermal	Thermal	Thermal	Total	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total	Total	Total	Total	
Consumable Items-Generation																				
1	Cost of Water	244.10	457.01	922.59	148.50	1772.21	1691.78	0.94	1034.80	539.62	0.00	359.84	0.00	0.00	4.00	0.00	0.00	3630.99	0.00	5403.19
2	Cost of Chemicals	76.06	225.94	151.69	34.44	488.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	488.13
3	Lubricants & consumables	12.67	327.58	250.97	0.00	591.22	-6.02	12.29	0.00	5.54	4.03	10.63	0.00	0.57	0.45	18.27	0.00	45.77	0.00	636.98
Consumable Items(SubTotal-D)		332.83	1010.53	1325.25	182.94	2851.55	1685.76	13.23	1034.80	545.17	4.03	370.48	0.00	0.57	4.45	18.27	0.00	3676.76	0.00	6528.30
Grand Total(A+B+C+D)		10858.76	27144.70	23173.78	1104.24	62281.48	6578.88	160.57	2076.99	1071.26	327.29	949.45	-0.67	678.38	393.49	286.89	0.00	12522.53	0.00	74804.01

Note: 1. The Expenses indicated above is as per Audited Books of Accounts and for MPPGCL share.
 2. The Employee expenses excludes the impact of 7th Pay Commission

Power Stationwise Operation and Maintenance Expenses for FY 15																			
Particulars	ATPS	STPS	SGTSP	SSTPP	Thermal	Bansgar	Birpur	Bargi	G.Sagar	J. Sagar	Left Bank	Madikheda	Maheshwar	Pench	R.P.Sagar	Rajghat	Hydro	HQ	MPPGCL
	Thermal	Thermal	Thermal	Thermal	Total	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total	Total	Total
Administrative & General Expenses																			
1 Rent	0.17	0.51	0.72	13.77	15.17	0.16	0.07	0.03	0.02	0.00	0.00	0.81	0.00	0.04	0.00	0.01	1.16	0.00	16.32
2 Rates & Taxes	1.96	146.18	8.33	1.14	157.61	18.89	0.00	2.82	0.39	1.03	0.90	0.40	0.00	0.30	0.00	0.23	24.96	39.62	222.19
3 Insurance Expenses	1.71	0.67	0.77	0.62	3.78	0.00	0.00	0.00	0.00	0.66	0.00	0.03	0.00	0.14	53.89	0.11	54.84	0.00	58.62
4 Telephone, Communication, postage	14.18	36.50	28.19	13.37	92.24	6.45	0.23	0.25	0.32	0.44	0.15	0.72	0.00	1.04	0.62	-0.25	9.98	0.00	102.21
5 Legal Charges	6.95	27.36	23.07	13.65	71.03	9.37	0.26	1.38	0.76	0.00	0.00	0.83	0.00	1.45	0.00	0.30	14.34	0.00	85.37
6 Audit Fee	2.12	6.26	6.31	3.55	18.23	2.00	0.09	0.42	0.27	0.00	0.00	0.28	0.00	0.50	0.00	0.11	3.68	0.00	21.91
7 Consultancy Charge / Technical Fee	8.96	166.11	59.05	292.39	526.51	4.30	2.39	0.46	1.89	0.00	0.00	1.53	0.00	0.54	0.00	1.58	12.70	0.00	539.21
8 Conveyance & Travel expenses	17.80	64.73	50.41	19.52	152.45	10.36	0.26	1.83	1.61	0.72	0.00	2.73	0.00	2.84	0.98	0.95	22.27	0.00	174.72
9 Vehicle Hire and running expenses	6.75	55.06	168.07	5.77	235.65	4.95	0.15	9.70	7.93	4.15	0.00	14.57	0.00	16.11	4.86	5.93	68.36	0.00	304.01
10 Fees & Subscriptions	42.35	93.11	67.09	27.03	229.58	20.39	0.38	6.55	3.27	0.00	0.00	3.94	0.00	7.22	0.01	1.10	42.85	0.00	272.43
12 Printing & Stationery	6.71	39.14	16.56	15.22	77.63	4.58	0.11	0.73	0.57	0.37	0.00	0.51	0.00	0.76	0.51	0.22	8.37	0.00	86.00
13 Advertisement Expenses	0.00	0.00	0.00	2.86	2.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.86
14 Electricity Charges (Offices)	0.18	236.23	0.55	108.00	344.96	11.02	0.01	0.04	33.88	2.81	0.00	5.95	0.00	0.04	1.12	0.01	54.88	0.00	399.84
15 Miscellaneous expenses	124.71	439.96	283.78	560.72	1409.17	83.32	0.34	5.33	14.97	63.68	4.39	45.30	0.00	5.58	1.23	3.55	227.69	0.00	1636.86
16 Sharable Head office expenses	77.44	228.89	234.05	129.85	670.23	73.14	0.00	21.72	13.88	14.65	0.00	14.48	0.00	25.75	20.20	5.43	189.25	0.00	859.48
17 Material related expenses	200.15	294.71	286.12	321.14	1102.13	76.89	4.90	1.21	0.63	1.28	0.00	0.99	0.00	1.56	1.37	0.55	89.37	0.00	1191.50
18 Other Exps	2.62	0.72	17.74	0.20	21.27	0.88	0.51	0.02	0.01	0.00	366.15	0.02	0.00	0.03	0.00	0.01	367.62	0.00	388.90
19 Gross A&G Expenses	515	1836	1251	1529	5131	327	10	52	80	90	372	93	0	64	85	20	1192.31	39.62	6362.44
20 Less-Charged to Capital Works in Progress	0.00	128.89	0.00	585.38	714.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	714.28
21 Less-Head Quarter Over heads Charged to Other States	0.00	10.48	0.00	0.00	10.48	0.00	0.00	0.00	45.98	0.00	0.00	0.00	0.00	13.12	0.00	13.24	72.35	0.00	82.83
Net A&G Expenses(SubTotal-A)	514.77	1696.75	1250.80	943.42	4405.75	326.71	9.70	52.49	34.43	89.78	371.60	93.09	0.00	50.77	84.79	6.61	1119.97	39.62	5565.33
Repairs & Maintenance Expenses																			
1 Gross Repairs & Maintenance	3339.20	11071.10	9410.50	1416.95	25237.76	139.49	25.47	59.61	19.17	38.06	20.18	37.71	0.00	199.39	42.85	20.57	602.49	0.00	25840.25
2 Less :-Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net R&M Exps(SubTotal-B)	3339.20	11071.10	9410.50	1416.95	25237.76	139.49	25.47	59.61	19.17	38.06	20.18	37.71	0.00	199.39	42.85	20.57	602.49	0.00	25840.25
Employees Expenses																			
1 Salaries	2628.40	7626.04	4145.51	1675.11	16075.06	1544.80	59.30	302.60	183.53	55.17	44.22	197.92	0.00	216.04	87.07	85.15	2775.80	0.00	18850.86
2 Over Time	363.35	1371.76	332.67	0.03	2067.80	139.83	5.79	30.73	23.01	2.38	8.25	2.06	0.00	23.85	4.59	6.66	247.17	0.00	2314.96
3 Dearness Allowance	2780.12	7559.85	4123.69	1651.97	16115.64	1577.34	60.24	305.07	188.52	57.09	46.58	204.11	0.00	225.29	92.47	88.23	2844.93	0.00	18960.57
4 Other Allowances	87.88	223.95	164.79	77.19	553.81	62.88	2.66	12.17	6.46	3.82	1.77	12.05	0.00	11.96	4.32	4.50	122.61	0.00	676.41
5 Bonus and Incentive	29.97	81.97	46.42	13.22	171.59	16.93	1.02	2.12	2.29	0.00	0.00	1.93	0.00	2.16	0.00	1.00	27.44	0.00	199.02
6 Medical Expenses reimbursement	14.44	96.11	20.07	7.41	138.03	5.11	0.88	1.23	3.07	1.69	0.00	0.61	0.00	0.72	1.60	0.11	14.82	0.00	152.85
7 Compensatory off encashment	126.65	79.25	68.65	3.62	278.17	22.02	4.09	12.38	1.89	32.29	0.00	4.29	0.00	2.28	56.06	3.32	138.61	0.00	416.78
8 Payment under Workmens' Compensation Act	0.06	0.19	0.18	0.34	0.78	0.89	0.00	0.05	0.01	0.00	0.00	0.01	0.00	5.72	0.00	0.00	6.68	0.00	7.46
10 Staff Welfare expenses	61.95	348.36	136.24	44.42	590.96	29.43	0.35	8.21	3.44	0.75	0.00	2.63	0.00	4.26	1.03	1.39	51.49	0.00	642.45
11 Terminal Benefits including E.L. encashment on retirement	1602.65	4655.05	2358.47	876.15	9492.32	1018.60	6.61	209.27	123.21	25.93	0.00	87.59	0.00	132.00	33.50	51.02	1687.73	0.00	11180.04
12 Gross Employee Expenses	7695.45	22042.54	11396.70	4349.46	45484.15	4417.84	140.74	883.82	535.44	179.12	100.82	513.19	0.00	624.28	280.65	241.37	7917.27	0.00	53401.42
13 Less:- Charged to Capital Works in Progress	0.00	0.00	0.00	377.63	377.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	377.63
Net Employees Exps.(SubTotal-C)	7695.45	22042.54	11396.70	3971.84	45106.52	4417.84	140.74	883.82	535.44	179.12	100.82	513.19	0.00	624.28	280.65	241.37	7917.27	0.00	53023.79

Power Stationwise Operation and Maintenance Expenses for FY 15

Particulars	ATPS	STPS	SGTPS	SSTPP	Thermal	Bansgar	Birpur	Bargi	G.Sagar	J. Sagar	Left Bank	Madikheda	Mareshwar	Pench	R.P.Sagar	Rajghat	Hydro	HQ	MPPGCL	
	Thermal	Thermal	Thermal	Thermal	Total	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total	Total	Total	
Consumable Items-Generation																				
1	Cost of Water	312.69	610.48	1138.06	606.84	2668.07	1282.15	29.10	1016.77	394.96	0.00	0.00	274.28	0.00	0.00	4.00	0.00	3001.26	0.00	5669.33
2	Cost of Chemicals	60.22	148.70	97.49	112.43	418.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	418.85
3	Lubricants & consumables	22.40	451.18	238.52	29.17	741.28	-8.67	4.62	0.00	-2.74	0.59	0.00	2.81	0.00	11.89	14.38	24.88	0.00	766.16	
	Consumable Items(SubTotal-D)	395.31	1210.37	1474.07	748.44	3826.19	1275.49	33.72	1016.77	392.22	0.59	0.00	277.10	0.00	15.89	14.38	3026.14	0.00	6854.33	
	Grand Total(A+B+C+D)	11944.73	36020.76	23532.06	7080.65	78578.21	6159.54	209.63	2012.69	981.25	307.55	492.60	921.08	0.00	874.44	424.17	282.93	12665.88	39.62	91283.71

Note:1. The Expenses indicated above is as per Audited Books of Accounts and for MPPGCL share.
 2. The Employee expenses excludes the impact of 7th Pay Commission

Power Stationwise Operation and Maintenance Expenses for FY 16

Particulars	ATPS	STPS	SGTPS	SSTPP	Thermal	Bansgar	Birpur	Bargi	G.Sagar	J. Sagar	Left Bank	Madikheda	Pench	R.P.Sagar	Rajghat	Hydro	HQ	MPPGCL	
	Thermal	Thermal	Thermal	Thermal	Total	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total	Total	Total	
Administrative & General Expenses																			
1 Rent	0.08	0.48	0.49	13.05	14.10	0.15	0.01	0.03	0.02	0.02	0.00	0.79	0.04	0.03	0.01	1.10	0.00	15.19	
2 Rates & Taxes	1.43	140.05	0.00	0.02	141.49	9.44	0.00	0.20	1.53	0.11	0.00	0.40	0.17	0.19	0.18	12.21	0.03	153.72	
3 Insurance Expenses	0.66	1.79	1.81	0.79	5.05	0.00	0.00	0.15	0.00	0.27	0.00	0.03	0.16	0.27	0.15	1.05	0.00	6.10	
4 Telephone, Communication, postage	12.94	29.49	28.64	16.01	87.08	5.57	0.09	0.44	0.31	0.69	0.07	0.52	2.56	1.06	0.14	11.45	0.00	98.52	
5 Legal Charges	6.01	43.47	36.26	31.62	117.36	13.14	0.50	2.25	1.43	1.24	0.00	1.79	2.75	2.15	0.56	25.81	0.00	143.17	
6 Audit Fee	0.91	5.76	20.82	5.19	32.68	1.84	0.09	0.39	0.25	0.21	0.00	0.26	0.46	0.37	0.10	3.97	0.00	36.64	
7 Consultancy Charge / Technical Fee	20.59	63.56	66.60	349.37	500.11	1.75	0.86	0.33	0.31	0.18	0.00	0.25	0.39	0.32	0.10	4.50	0.00	504.61	
8 Conveyance & Travel expenses	11.77	51.98	36.18	31.01	130.94	12.26	0.22	1.77	1.68	0.97	0.00	2.92	2.79	1.34	1.01	24.96	0.00	155.90	
9 Vehicle Hire and running expenses	12.13	48.44	168.44	8.41	237.41	3.65	0.14	9.54	6.01	5.47	0.00	12.63	15.72	6.14	6.17	65.47	0.00	302.88	
10 Fees & Subscriptions	26.31	103.48	56.55	51.26	237.60	17.95	0.22	4.80	2.44	0.53	0.00	3.65	6.44	0.91	1.10	38.03	0.00	275.63	
12 Printing & Stationery	5.35	30.09	25.47	21.29	82.19	5.66	0.24	1.10	0.61	0.85	0.00	0.77	1.37	1.21	0.37	12.20	0.00	94.39	
13 Advertisement Expenses	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.05	
14 Electricity Charges (Offices)	0.15	225.26	62.64	126.13	414.18	9.34	0.01	7.31	33.20	4.68	0.00	5.49	0.33	3.11	2.01	65.49	0.00	479.67	
15 Miscellaneous expenses	81.67	620.35	119.70	474.64	1296.36	25.48	0.16	11.41	33.57	68.82	12.11	48.58	3.75	50.77	1.51	256.16	0.00	1552.52	
16 Sharable Head office expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.97	0.00	0.00	0.00	19.22	0.00	34.19	0.00	34.19	
17 Material related expenses	150.16	176.93	254.30	437.62	1019.01	80.10	0.17	1.09	0.81	1.02	0.00	0.50	1.00	1.40	1.65	87.75	0.00	1106.76	
18 Other Exps	5.97	5.43	2.03	1.02	14.45	0.01	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	14.76	
19 Gross A&G Expenses	336	1547	880	1567	4330	186	3	41	82	100	12	79	38	88	15	644.68	0	4974.70	
20 Less-Charged to Capital Works in Progress	0.00	0.00	0.00	643.73	643.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	643.73	
21 Less-Head Quarter Over heads Charged to Other States	-1.09	-6.90	-7.05	-6.23	-21.27	-2.21	0.00	-0.47	67.58	0.00	0.00	-0.31	19.27	0.00	18.82	102.69	0.00	81.41	
Net A&G Expenses(SubTotal-A)	337.21	1553.45	886.97	929.92	3707.54	188.60	2.71	41.59	14.58	100.04	12.17	78.89	18.67	88.50	-3.76	542.00	0.03	4249.56	
Repairs & Maintenance Expenses																			
1 Gross Repairs & Maintenance	1152.64	7849.19	9099.90	1786.18	19887.90	671.93	9.33	73.77	29.84	36.04	17.18	36.17	182.98	42.82	63.53	1163.56	0.00	21051.47	
2 Less -Charged to Capital Works in Progress	0.00	0.00	0.00	1.78	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78	
Net R&M Exps(SubTotal-B)	1152.64	7849.19	9099.90	1784.40	19886.12	671.93	9.33	73.77	29.84	36.04	17.18	36.17	182.98	42.82	63.53	1163.56	0.00	21049.68	
Employees Expenses																			
1 Salaries	2205.38	6806.69	4036.85	2351.03	15399.94	1374.75	63.93	289.93	168.94	87.97	48.63	185.29	226.32	143.95	78.52	2668.23	0.00	18068.18	
2 Over Time	237.89	1300.44	330.18	11.59	1880.11	163.49	8.37	38.71	28.98	3.45	0.00	1.02	26.08	4.92	6.73	281.73	0.00	2161.84	
3 Dearness Allowance	2555.98	7648.02	4440.10	2644.12	17288.23	1632.59	71.10	334.73	202.43	93.63	41.95	216.40	231.59	156.86	92.13	3073.39	0.00	20361.62	
4 Other Allowances	69.21	216.61	155.09	109.16	550.07	57.69	2.77	11.64	6.11	5.68	1.16	11.54	16.12	7.99	4.52	125.22	0.00	675.29	
5 Bonus and Incentive	52.53	142.96	94.18	56.69	346.36	15.73	0.38	6.96	3.68	1.26	0.00	3.77	3.96	2.20	1.70	39.64	0.00	385.99	
6 Medical Expenses reimbursement	19.22	157.92	25.64	17.76	220.54	6.90	0.42	2.17	2.05	1.15	0.00	0.51	1.07	1.69	0.19	16.14	0.00	236.68	
7 Compensatory off encashment	89.75	99.20	54.70	25.37	269.02	22.24	3.46	11.80	2.71	13.99	3.08	3.69	2.78	24.72	2.14	90.60	0.00	359.62	
8 Payment under Workmens' Compensation Act	0.00	4.85	0.00	0.00	4.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.85	
9 Arrears of Wage revision(placement)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10 Staff Welfare expenses	58.66	451.36	124.59	93.98	728.59	44.60	40.25	10.20	5.50	2.90	0.00	4.82	5.96	5.13	2.30	121.66	0.00	850.25	
11 Terminal Benefits including E.L. encashment on retirement	3842.08	12384.10	6860.77	3963.06	27050.00	2611.68	110.77	598.40	344.52	73.59	0.00	256.72	371.14	112.85	144.49	4624.15	0.00	31674.15	
12 Gross Employee Expenses	9130.70	29212.15	16122.11	9272.75	63737.71	5929.66	301.43	1304.53	764.91	283.62	94.82	683.76	885.01	460.31	332.72	11040.76	0.00	74778.47	
13 Less- Charged to Capital Works in Progress	0.00	0.00	0.00	856.81	856.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	856.81	
Net Employees Exps.(SubTotal-C)	9130.70	29212.15	16122.11	8415.95	62880.90	5929.66	301.43	1304.53	764.91	283.62	94.82	683.76	885.01	460.31	332.72	11040.76	0.00	73921.67	

Power Stationwise Operation and Maintenance Expenses for FY 16

Particulars	ATPS	STPS	SGTPS	SSTPP	Thermal	Bansgar	Birpur	Bargi	G.Sagar	J. Sagar	Left Bank	Madikheda	Pench	R.P.Sagar	Rajghat	Hydro	HQ	MPPGCL
	Thermal	Thermal	Thermal	Thermal	Total	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total	Total	Total
Consumable Items-Generation																		
1 Cost of Water	317.79	648.97	1142.29	2912.38	5021.43	793.09	15.92	605.26	594.75	0.00	0.00	291.83	0.00	4.00	0.00	2304.86	0.00	7326.29
2 Cost of Chemicals	35.81	182.51	64.93	241.20	524.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	524.46
3 Lubricants & consumables	19.09	385.91	210.01	125.67	740.68	1.80	5.98	0.00	4.64	5.30	0.00	0.00	18.17	0.16	14.19	50.24	0.00	790.92
Consumable Items(SubTotal-D)	372.69	1217.39	1417.23	3279.25	6286.57	794.90	21.90	605.26	599.39	5.30	0.00	291.83	18.17	4.16	14.19	2355.10	0.00	8641.66
Grand Total(A+B+C+D)	10993.24	39832.17	27526.21	14409.52	92761.14	7585.08	335.38	2025.14	1408.72	425.00	124.17	1090.65	1104.83	595.79	406.67	15101.42	0.03	107862.58

Note: 1. The Expenses indicated above is as per Audited Books of Accounts and for MPPGCL share.
 2. The Employee expenses excludes the impact of 7th Pay Commission

Power Stationwise Operation and Maintenance Expenses for FY 17																		
Particulars	Amount in Rs. Lakhs																	
	ATPS	STPS	SGTPS	SSTPP	Thermal	Bansgar	Birpur	Bargi	G.Sagar	J. Sagar	Left Bank	Madikheda	Pench	R.P.Sagar	Rajghat	Hydro	HQ	MPPGCL
	Thermal	Thermal	Thermal	Thermal	Total	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total	Total	Total
Administrative & General Expenses																		
1 Rent	0.06	0.37	2.43	16.03	18.89	0.12	0.01	0.03	0.02	0.00	0.00	0.64	0.03	0.00	0.01	0.84	0.00	19.73
2 Rates & Taxes	1.24	138.84	0.06	0.00	140.14	8.62	0.00	1.14	0.46	0.19	0.00	0.00	0.13	0.19	0.17	10.88	0.03	151.05
3 Insurance Expenses	1.19	1.75	1.72	0.94	5.61	0.00	0.00	0.18	0.01	0.26	0.00	0.02	0.20	0.09	0.15	0.90	0.00	6.51
4 Telephone, Communication, postage	13.96	29.94	28.74	21.52	94.15	6.19	0.15	0.46	0.37	0.42	0.05	0.28	0.90	0.51	0.03	9.36	0.00	103.51
5 Legal Charges	4.99	31.86	27.53	20.74	85.12	9.91	0.32	1.54	0.93	0.00	0.00	1.01	1.81	0.00	0.36	15.90	0.00	101.02
6 Audit Fee	0.92	5.84	5.88	5.27	17.92	1.87	0.09	0.40	0.25	0.00	0.00	0.26	0.47	0.00	0.10	3.43	0.00	21.35
7 Consultancy Charge / Technical Fee	12.26	57.14	78.78	702.07	850.25	6.19	0.66	9.36	0.77	0.00	0.11	0.84	1.28	0.00	0.30	19.53	0.00	869.78
8 Conveyance & Travel expenses	11.96	39.38	35.15	28.99	115.48	11.57	0.17	1.38	1.28	0.59	0.00	2.88	3.00	0.69	0.92	22.48	0.00	137.96
9 Vehicle Hire and running expenses	4.03	52.63	130.84	10.63	198.13	3.77	0.18	8.07	9.42	4.24	0.00	23.23	19.37	4.23	8.92	81.41	0.00	279.54
10 Fees & Subscriptions	15.68	89.61	56.33	48.17	209.78	17.08	0.30	6.38	2.51	0.00	0.00	2.54	4.29	0.00	0.90	34.00	0.00	243.79
12 Printing & Stationery	5.14	32.82	20.52	21.58	80.05	4.79	0.14	0.86	0.46	0.31	0.00	0.58	1.05	0.46	0.33	8.98	0.00	89.02
13 Advertisement Expenses	0.00	0.00	0.00	2.99	2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.99
14 Electricity Charges (Offices)	76.52	246.64	83.27	20.55	426.97	16.66	0.08	2.93	18.63	3.17	0.00	7.24	0.37	2.69	2.19	53.96	0.00	480.93
15 Miscellaneous expenses	143.92	648.43	117.83	412.60	1322.77	43.42	0.24	19.84	55.96	66.32	-3.09	64.15	6.26	46.11	2.72	301.93	0.00	1624.70
16 Sharable Head office expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.78	0.00	0.00	0.00	0.00	16.57	0.00	0.00	30.33
17 Material related expenses	170.17	213.26	339.23	1343.32	2065.98	87.45	0.19	2.64	4.00	0.34	0.00	0.72	2.25	0.33	2.13	100.05	0.00	2166.03
18 Other Exps*	2856.26	11360.18	6882.81	6145.72	27244.96	2195.23	102.42	501.62	295.73	0.00	0.00	307.36	552.00	0.00	116.25	4070.61	0.00	31315.57
19 Gross A&G Expenses	3318.28	12948.67	7811.12	8801.12	32879	2413	105	557	391	90	-3	412	593	72	135	4764.60	0.03	37643.81
20 Less-Charged to Capital Works in Progress	0.00	0.00	0.00	1674.89	1674.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1674.89
21 Less-Head Quarter Over heads Charged to Other States	0.00	153.50	0.00	0.00	153.50	0.00	0.00	0.00	54.98	0.00	0.00	0.00	13.91	0.00	13.68	82.58	0.00	236.08
Net A&G Expenses(SubTotal-A)	3318.28	12795.17	7811.12	7126.22	31050.80	2412.85	104.94	556.82	335.81	89.59	-2.93	411.75	579.51	71.87	121.80	4682.01	0.03	35732.84
Repairs & Maintenance Expenses																		
1 Gross Repairs & Maintenance	2240.26	6558.57	10215.94	3379.53	22394.31	470.15	1.19	73.44	17.96	45.09	12.70	28.48	227.78	44.23	46.00	967.01	0.00	23361.32
2 Less :-Charged to Capital Works in Progress	0.00	0.00	0.00	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06
Net R&M Exps(SubTotal-B)	2240.26	6558.57	10215.94	3377.47	22392.25	470.15	1.19	73.44	17.96	45.09	12.70	28.48	227.78	44.23	46.00	967.01	0.00	23359.26
Employees Expenses																		
1 Salaries	1923.99	6311.29	3903.66	2614.36	14753.30	1279.87	60.36	272.62	178.45	52.74	33.12	190.38	200.15	79.41	75.21	2422.30	0.00	17175.60
2 Over Time	287.37	989.51	369.39	127.79	1774.06	115.72	7.46	57.30	41.56	3.28	0.00	3.09	27.86	5.97	7.51	269.75	0.00	2043.81
3 Dearness Allowance	2519.57	7719.65	4987.81	3370.77	18597.80	1640.13	78.15	341.01	212.62	59.65	42.66	238.84	246.80	92.49	95.17	3047.52	0.00	21645.32
4 Other Allowances	57.44	197.68	164.58	121.25	540.95	52.08	2.40	9.94	6.67	3.02	1.25	11.59	15.55	3.61	3.65	109.76	0.00	650.71
5 Bonus and Incentive	45.37	131.10	93.07	22.18	291.72	26.82	1.44	6.56	3.74	6.50	0.00	4.11	3.95	11.17	1.71	66.02	0.00	357.73
6 Medical Expenses reimbursement	9.33	100.54	35.29	16.75	161.92	5.47	0.74	2.35	0.78	0.56	0.00	2.70	1.34	0.68	0.18	14.81	0.00	176.72
7 Compensatory off encashment	84.91	96.95	53.23	46.02	281.12	26.55	2.21	2.12	3.76	0.00	11.68	4.31	2.45	0.00	2.62	55.69	0.00	336.81
8 Payment under Workmens' Compensation Act	0.00	0.00	0.00	0.07	0.07	10.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.68	0.00	10.75
9 Arrears of Wage revision(placement)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Staff Welfare expenses	41.19	279.99	150.00	185.57	656.74	28.22	0.81	6.49	3.14	0.39	0.00	2.81	3.00	0.90	1.23	47.00	0.00	703.74
11 Terminal Benefits including E.L. encashment on retirement	1610.25	16614.23	2652.80	-1825.91	19051.37	825.17	42.30	-24.84	-19.60	27.87	0.00	-1.57	-19.84	32.53	-4.65	857.39	0.00	19908.75
12 Gross Employee Expenses	6579.42	32440.94	12409.83	4678.86	56109.04	4010.71	195.86	673.55	431.13	154.02	88.70	456.25	481.28	226.76	182.65	6900.90	0.00	63009.95
13 Less:- Charged to Capital Works in Progress	0.00	72.93	0.00	404.95	477.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	477.88
14 Remeasurement of defined benefit liability																		
Net Employees Exps.(SubTotal-C)	6579.42	32368.01	12409.83	4273.90	55631.16	4010.71	195.86	673.55	431.13	154.02	88.70	456.25	481.28	226.76	182.65	6900.90	0.00	62532.07

Power Stationwise Operation and Maintenance Expenses for FY 17																			
Particulars	Amount in Rs. Lakhs																		
	ATPS Thermal	STPS Thermal	SGTSP Thermal	SSTPP Thermal	Thermal Total	Bansgar Hydel	Birpur Hydel	Bargi Hydel	G.Sagar Hydel	J. Sagar Hydel	Left Bank Hydel	Madikheda Hydel	Pench Hydel	R.P.Sagar Hydel	Rajghat Hydel	Hydro Total	HQ Total	MPPGCL Total	
Consumable Items-Generation																			
1	Cost of Water	316.46	605.30	1147.65	3791.55	5860.96	1688.44	47.93	1064.02	581.00	0.00	0.00	475.79	1.16	4.00	0.00	3862.35	0.00	9723.31
2	Cost of Chemicals	33.79	146.45	93.17	154.21	427.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	427.61
3	Lubricants & consumables	7.79	118.75	202.56	55.45	384.55	0.00	1.98	0.00	20.67	0.26	0.00	0.00	0.00	0.11	39.32	62.35	0.00	446.90
	Consumable Items(SubTotal-D)	358.03	870.51	1443.38	4001.21	6673.12	1688.44	49.91	1064.02	601.67	0.26	0.00	475.79	1.16	4.11	39.32	3924.70	0.00	10597.82
	Grand Total(A+B+C+D)	12495.99	52592.25	31880.27	18778.81	115747.32	8582.15	351.90	2367.83	1386.57	288.95	98.47	1372.27	1289.73	346.98	389.77	16474.63	0.03	132221.97

Note: 1. The Expenses indicated above is as per Audited Books of Accounts and for MPPGCL share.

2. The Employee expenses excludes the impact of 7th Pay Commission

* Including Provision for doubtful debts

Year wise O&M Expenses of MPPGCL

Rs.Lakh

Particulars	FY 13	FY 14	FY 15	FY 16	FY 17
Administrative & General Expenses	3388	3171	5565	4250	35733
Repair & Maintenance Expenses	19433	19960	25840	21050	23359
Employees Expenses	39811	45144	53024	73922	62532
Consumable Items-Generation	4857	6528	6854	8642	10598

Yearwise Increase/decrease in O&M Expenses

Rs.Lakh

Particulars	FY 13	FY 14	FY 15	FY 16	FY 17
Administrative & General Expenses		-216	2394	-1316	31483
Repairs & Maintenance Expenses		527	5880	-4791	2310
Employees Expenses		5334	7879	20898	-11390
Consumable Items-Generation		1671	326	1787	1956

% Increase/decrease in O&M Expenses

Particulars	FY 13	FY 14	FY 15	FY 16	FY 17
Administrative & General Expenses		-6.38%	75.49%	-23.64%	740.86%
Repairs & Maintenance Expenses		2.71%	29.46%	-18.54%	10.97%
Employees Expenses		13.40%	17.45%	39.41%	-15.41%
Consumable Items-Generation		34.40%	4.99%	26.08%	22.64%

Reason for Increase in O&M Expenses

Administrative & General Expenses	<p>1. In FY 17, Bad and doubtful debts amounted to Rs. 248 Crs, inventory loss amounted to Rs. 17 Crs & Loss on Fixed assets amounted to Rs.46 Crs, resulting in rise of A&G expenses.</p> <p>2. In FY 15 Common expenses were transferred in FY 15, provision for doubtful debts & receivable written-off resulting in rise of A&G expenses.</p>
Repairs & Maintenance Expenses	<p>1. In FY 17, Repairs and maintenance increased due to nature of work.</p> <p>2. Due to efficient running of STPS Sarni and retirement of ATPS PH-2 the expenses decreased in FY16.</p> <p>3. Due to installation of new units the, R&M expenses increased proportionately in FY 15.</p>
Employees Expenses	<p>1. The increase/decrease in Employee Exepnses in various years was on account of Acturial liability provision, Increments and retirement of employees.</p>
Consumable Items-Generation	<p>2. Decrease in FY 17 is on account of reduction in generation resulting in decrease of expenditure.</p> <p>3. Increase in FY 16 is on account of increase in consumption of chemicals in new unit of khandwa.</p>

Power Stationwise Capital Spares																				
Particulars	Amount in Rs. Lakhs																			
	ATPS		STPS Sarni		SGTPS	SSTPP	Thermal	Bansgar	Birpur	Bargi	G.Sagar	J. Sagar	Laft Bank	Madikheda	Pench	R.P.Sagar	Rajghat	S&I	Hydro	MPPGCL
	Thermal	Thermal	Thermal	Thermal	Total	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total	Total	Total	
1 As on 01.04.2012	0	0	4724	0	4724	0	0	0	0	0	0	0	0	0	0	0	0	0	4724	
2 Net Additions	3339	0	779	0	4118	0	0	0	0	0	0	0	0	0	0	0	0	0	4118	
3 As on 01.04.2013	3339	0	5503	0	8842	0	0	0	0	0	0	0	0	0	0	0	0	0	8842	
4 Net Additions	76	2972	-512	5436	7972	0	0	0	0	0	0	0	0	0	0	0	0	0	7972	
5 As on 01.04.2014	3415	2972	4991	5436	16815	0	0	0	0	0	0	0	0	0	0	0	0	0	16815	
6 Net Additions	1014	3236	938	1895	7083	300	0	29	0	0	0	0	196	0	0	31	0	556	7639	
7 As on 01.04.2015	4428	6209	5929	7332	23898	300	0	29	0	0	0	0	196	0	0	31	0	556	24454	
8 Net Additions	-820	943	39	2378	2540	0	0	0	0	0	0	0	0	0	0	0	0	0	2540	
9 As on 01.04.2016	3608	7152	5969	9710	26438	300	0	29	0	0	0	0	196	0	0	31	0	556	26994	
10 Net Additions	181	2080	1044	4222	7527	0	0	8	0	0	0	0	0	0	0	-15	0	-8	7519	
11 As on 01.03.2017	3789	9232	7012	13931	33965	300	0	37	0	0	0	0	196	0	0	15	0	548	34513	

Power Stationwise Operation and Maintenance Expenses for FY 13												
Amount in Rs. Lakhs												
Particulars	Bansagar	Birpur	Bargi	G.Sagar	J. Sagar	Madikheda	Maheshwar	Pench	R.P.Sagar	Rajghat	Total Hydro	Total
	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	
Administrative & General Expenses												
1 Rent	0.31	0.00	0.00	0.00	43.43	1.07	0.00	0.00	39.44	0.00		84.25
2 Rates & Taxes	5.18	0.00	3.10	1.78	0.50	0.31	0.00	0.19	0.44	0.24		11.74
3 Insurance Expenses	0.00	0.00	0.14	0.00	0.28	0.00	0.00	0.00	0.21	0.08		0.71
4 Telephone, Communication, postage	5.02	0.22	0.72	0.25	0.65	0.68	-0.01	0.97	0.92	0.10		9.53
5 Legal Charges	6.08	0.18	0.81	0.52	0.00	1.87	0.00	1.18	0.01	0.20		10.85
6 Audit Fee	2.46	0.12	0.52	0.33	0.00	0.35	0.00	0.62	0.00	0.13		4.53
7 Consultancy Charge / Technical Fee	16.87	0.84	1.90	1.26	0.00	1.27	0.00	2.25	0.00	1.13		25.53
8 Conveyance & Travel expenses	7.66	0.21	1.64	1.03	0.88	1.68	0.00	1.79	0.92	0.56		16.38
9 Vehicle Hire and running expenses	4.40	0.05	1.81	5.83	2.63	7.93	-0.02	2.40	2.48	5.29		32.81
10 Fees & Subscriptions	56.14	2.86	19.09	11.28	0.00	11.26	0.00	22.12	0.00	4.92		127.68
12 Printing & Stationery	4.16	0.10	0.77	0.47	0.41	0.55	0.00	0.73	0.61	0.36		8.16
13 Advertisement Expenses	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00		0.06
14 Electricity Charges (Offices)	11.28	0.00	0.01	27.28	5.73	1.26	0.00	-0.03	1.73	9.59		56.84
15 Miscellaneous expenses	24.44	0.36	8.16	10.04	0.63	31.52	0.00	1.91	0.85	0.71		78.62
16 Sharable Head office expenses	9.68	0.00	2.05	1.31	15.17	1.37	0.00	2.43	20.47	0.51		52.99
17 Material related expenses	58.39	6.19	14.20	2.46	1.09	7.47	0.00	11.66	0.91	0.96		103.33
18 Other Exps	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19 Gross A&G Expenses	212.12	11.14	54.92	63.87	71.40	68.58	-0.03	48.21	69.00	24.80		624.02
20 Less:-Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
21 Less:-Head Quarter Over heads Charged to Other States	0.00	0.00	0.10	52.90	0.00	0.00	0.00	13.46	0.00	8.90		75.35
Net A&G Expenses(SubTotal-A)	212.12	11.14	54.83	10.97	71.40	68.58	-0.03	34.76	69.00	15.90		548.66
Repairs & Maintenance Expenses												
1 Gross Repairs & Maintenance	306.83	17.29	101.57	38.89	47.88	44.46	0.00	87.70	87.17	33.65		765.46
2 Less :-Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Net R&M Exps(SubTotal-B)	306.83	17.29	101.57	38.89	47.88	44.46	0.00	87.70	87.17	33.65		765.46
Employees Expenses												
1 Salaries	1534.58	54.88	340.76	186.26	68.32	201.55	0.00	224.33	98.31	96.55		2805.53
2 Over Time	122.99	3.55	44.59	32.07	3.69	1.03	0.00	27.04	5.74	4.54		245.25
3 Dearness Allowance	1021.37	34.81	219.23	126.42	46.18	133.17	0.00	148.56	68.30	63.68		1861.72
4 Other Allowances	48.81	2.08	11.23	5.61	3.65	8.07	0.00	7.70	4.94	3.86		95.97
5 Bonus and Incentive	54.84	2.12	13.05	11.47	0.93	7.20	0.67	11.51	2.13	8.04		111.95
6 Medical Expenses reimbursement	4.86	0.24	0.81	1.08	2.53	1.21	0.00	1.69	2.36	0.57		15.34
7 Compensatory off encashment	12.75	3.84	8.24	1.68	0.00	4.01	0.00	1.93	0.00	2.72		35.17
8 Payment under Workmens' Compensation Act	0.00	0.00	0.00	0.00	33.04	0.00	0.00	29.50	40.93	0.00		103.47
10 Staff Welfare expenses	23.13	0.16	5.67	2.32	0.38	2.04	0.00	1.95	0.86	1.10		37.61
11 Terminal Benefits including E.L. encashment on retirement	740.98	8.58	29.85	87.98	33.26	74.67	0.00	100.71	41.35	41.90		1159.28
12 Gross Employee Expenses	3564.33	110.26	673.42	454.88	191.98	432.96	0.67	554.92	264.93	222.94		6471.29
13 Less:- Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Net Employees Exps.(SubTotal-C)	3564.33	110.26	673.42	454.88	191.98	432.96	0.67	554.92	264.93	222.94		6471.29

Power Stationwise Operation and Maintenance Expenses for FY 13

Amount in Rs. Lakhs											
Particulars	Bansagar	Birpur	Bargi	G.Sagar	J. Sagar	Madikheda	Maheshwar	Pench	R.P.Sagar	Rajghat	Total Hydro
	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total
Consumable Items-Generation											
1 Cost of Water	1376.25	43.63	735.74	585.16	0.00	280.37	0.00	0.00	2.00	0.00	3023.14
2 Cost of Chemicals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 Lubricants & consumables	0.00	7.30	0.00	3.70	7.22	1.65	0.00	1.89	6.86	11.93	40.55
Consumable Items(SubTotal-D)	2751.77	1382.74	1613.84	878.10	291.14	292.77	22.68	22.68	3084.47	3075.61	7920.94
Grand Total(A+B+C+D)	6835.05	1521.43	2443.66	1382.84	602.40	838.78	23.31	700.05	3505.57	3348.11	15706.35

Note:1. The Expenses indicated above is as per Audited Books of Accounts and for MPPGCL share.

2. The Employee expenses excludes the impact of 7th Pay Commission

Power Stationwise Operation and Maintenance Expenses for FY 14

Amount in Rs. Lakhs												
Particulars	Sirmor	Birpur	Bargi	G.S.	J. S.	Madikheda	Mahestwar	Pench	R.P.S.	Rajghat	S&I	Hydro
	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total	Total
Administrative & General Expenses												
1 Rent	0.03	0.00	0.01	0.00	0.00	0.67	0.00	0.01	0.00	0.00	0.00	0.72
2 Rates & Taxes	8.02	0.04	2.50	1.98	0.10	0.52	0.00	0.39	0.23	0.37	0.00	14.14
3 Insurance Expenses	0.00	0.00	0.16	0.02	0.18	0.02	0.00	0.04	0.22	0.00	0.00	0.64
4 Telephone, Communication, postage Charges	6.49	0.23	0.80	0.31	0.74	0.85	0.00	1.15	0.66	0.19	0.00	11.42
5 Legal Charges	10.35	0.41	1.85	1.18	0.00	1.23	0.00	2.24	0.00	0.46	0.00	17.72
6 Audit Fee	2.59	0.12	0.55	0.35	0.00	0.37	0.00	0.65	0.00	0.14	0.00	4.76
7 Consultancy Charge / Technical Fee	13.74	0.75	1.48	1.05	0.00	2.19	0.00	2.57	0.00	0.54	0.00	22.32
8 Conveyance & Travel expenses	8.39	0.30	1.56	1.10	0.61	1.50	0.00	2.17	1.06	0.63	0.00	17.31
9 Vehicle Hire and running expenses	7.61	0.16	9.32	5.67	3.06	18.69	0.00	14.69	2.28	6.08	0.00	67.55
10 Fees & Subscriptions	11.60	0.83	9.02	2.03	0.00	1.64	0.00	5.13	0.00	0.61	0.00	30.86
12 Printing & Stationery	6.36	0.34	1.23	0.82	0.59	0.87	0.00	1.23	0.55	0.44	0.00	12.42
13 Advertisement Expenses	0.13	0.01	0.03	0.02	0.00	0.02	0.00	0.05	0.00	0.01	0.00	0.26
14 Electricity Charges (Offices)	12.45	0.01	0.02	33.68	4.33	3.71	0.00	0.03	1.54	0.01	0.00	55.77
15 Miscellaneous expenses	34.09	0.37	2.92	11.13	59.02	37.00	0.00	2.15	53.66	0.27	0.00	200.60
16 Sharable Head office expenses	0.00	0.00	0.00	0.00	15.58	0.00	0.00	0.00	18.73	0.00	0.00	34.31
17 Material related expenses	66.38	2.83	2.02	2.53	1.29	0.34	0.00	1.39	1.33	0.48	0.00	78.58
18 Other Exps	0.18	0.01	0.08	0.02	0.02	0.02	0.00	0.04	0.04	0.01	0.00	0.42
19 Gross A&G Expenses	188.39	6.40	33.53	61.88	85.52	69.63	0.00	33.95	80.29	10.23	0.00	569.82
20 Less-Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Less-Head Quarter Over heads Charged to Other States	0.00	0.00	0.00	52.27	0.00	0.00	0.00	11.06	0.00	12.90	0.00	76.23
Net A&G Expenses(SubTotal-A)	188.39	6.40	33.53	9.61	85.52	69.63	0.00	22.89	80.29	-2.67	0.00	493.59
Repairs & Maintenance Expenses												
1 Gross Repairs & Maintenance	517.81	6.78	100.52	22.41	47.59	29.19	0.00	79.87	43.31	33.27	0.00	880.75
2 Less :-Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net R&M Exps(SubTotal-B)	517.81	6.78	100.52	22.41	47.59	29.19	0.00	79.87	43.31	33.27	0.00	880.75
Employees Expenses												
1 Salaries	1582.54	58.87	358.23	185.12	62.02	203.18	0.00	226.31	89.43	92.41	0.00	2858.12
2 Over Time	152.85	6.94	32.33	25.16	3.37	1.16	0.00	7.46	4.46	8.65	0.00	242.39
3 Dearness Allowance	1410.35	52.97	307.48	165.06	50.39	177.16	0.00	198.99	80.11	81.81	0.00	2524.33
4 Other Allowances	61.04	2.43	12.70	6.30	4.94	10.83	0.00	21.78	6.01	4.60	0.00	130.64
5 Bonus and Incentive	25.74	0.79	0.12	0.29	0.00	1.67	-0.67	-2.67	0.00	-0.94	0.00	24.33
6 Medical Expenses reimbursement	2.32	0.24	1.50	0.35	2.41	0.45	0.00	1.00	1.77	-0.20	0.00	9.84
7 Compensatory off encashment	16.57	3.28	8.72	3.92	0.00	4.17	0.00	1.48	0.00	3.92	0.00	42.07
8 Payment under Workmens' Compensation Act	0.42	0.00	0.00	0.00	34.53	0.00	0.00	0.00	49.66	0.00	0.00	84.60
9 Arrears of Wage revision(placement)												0.00
10 Staff Welfare expenses	31.25	0.43	7.30	3.32	0.31	2.80	0.00	3.98	0.68	1.44	0.00	51.49
11 Terminal Benefits including E.L. encashment on retirement	903.84	8.21	179.76	104.56	32.17	78.72	0.00	116.72	33.32	46.33	0.00	1503.63
12 Gross Employee Expenses	4186.91	134.17	908.14	494.08	190.14	480.15	-0.67	575.05	265.44	238.01	0.00	7471.43
13 Less:- Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Employees Exps.(SubTotal-C)	4186.91	134.17	908.14	494.08	190.14	480.15	-0.67	575.05	265.44	238.01	0.00	7471.43

Power Stationwise Operation and Maintenance Expenses for FY 14

												Amount in Rs. Lakhs	
Particulars	Sirmor	Birpur	Bargi	G.S.	J. S.	Madikheda	Maheshwar	Pench	R.P.S.	Rajghat	S&I	Hydro	
	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total	Total	
Consumable Items-Generation													
1	Cost of Water	1691.78	0.94	1034.80	539.62	0.00	359.84	0.00	0.00	4.00	0.00	0.00	3630.99
2	Cost of Chemicals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Lubricants & consumables	-6.02	12.29	0.00	5.54	4.03	10.63	0.00	0.57	0.45	18.27	0.00	45.77
Consumable Items(SubTotal-D)		1685.76	13.23	1034.80	545.17	4.03	370.48	0.00	0.57	4.45	18.27	0.00	3676.76
Grand Total(A+B+C+D)		6578.88	160.57	2076.99	1071.26	327.29	949.45	-0.67	678.38	393.49	286.89	0.00	12522.53

Note: 1. The Expenses indicated above is as per Audited Books of Accounts and for MPPGCL share.
 2. The Employee expenses excludes the

Power Stationwise Operation and Maintenance Expenses for FY 15

Particulars	Bansgar	Birpur	Bargi	G.Sagar	J. Sagar	Left Bank	Madikheda	Maheshwar	Pench	R.P.Sagar	Rajghat	Hydro	Total
	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	
Administrative & General Expenses													
1 Rent	0.16	0.07	0.03	0.02	0.00	0.00	0.81	0.00	0.04	0.00	0.01		1.15
2 Rates & Taxes	18.89	0.00	2.82	0.39	1.03	0.90	0.40	0.00	0.30	0.00	0.23		24.96
3 Insurance Expenses	0.00	0.00	0.00	0.00	0.66	0.00	0.03	0.00	0.14	53.89	0.11		54.84
4 Telephone, Communication, postage	6.45	0.23	0.25	0.32	0.44	0.15	0.72	0.00	1.04	0.62	-0.25		9.98
5 Legal Charges	9.37	0.26	1.38	0.76	0.00	0.00	0.83	0.00	1.45	0.00	0.30		14.34
6 Audit Fee	2.00	0.09	0.42	0.27	0.00	0.00	0.28	0.00	0.50	0.00	0.11		3.68
7 Consultancy Charge / Technical Fee	4.30	2.39	0.46	1.89	0.00	0.00	1.53	0.00	0.54	0.00	1.58		12.70
8 Conveyance & Travel expenses	10.36	0.26	1.83	1.61	0.72	0.00	2.73	0.00	2.84	0.98	0.95		22.27
9 Vehicle Hire and running expenses	4.95	0.15	9.70	7.93	4.15	0.00	14.57	0.00	16.11	4.86	5.93		68.36
10 Fees & Subscriptions	20.39	0.38	6.55	3.27	0.00	0.00	3.94	0.00	7.22	0.01	1.10		42.85
12 Printing & Stationery	4.58	0.11	0.73	0.57	0.37	0.00	0.51	0.00	0.76	0.51	0.22		8.37
13 Advertisement Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
14 Electricity Charges (Offices)	11.02	0.01	0.04	33.88	2.81	0.00	5.95	0.00	0.04	1.12	0.01		54.88
15 Miscellaneous expenses	83.32	0.34	5.33	14.97	63.68	4.39	45.30	0.00	5.58	1.23	3.55		227.69
16 Sharable Head office expenses	73.14	0.00	21.72	13.88	14.65	0.00	14.48	0.00	25.75	20.20	5.43		189.25
17 Material related expenses	76.89	4.90	1.21	0.63	1.28	0.00	0.99	0.00	1.56	1.37	0.55		89.37
18 Other Exps	0.88	0.51	0.02	0.01	0.00	366.15	0.02	0.00	0.03	0.00	0.01		367.62
19 Gross A&G Expenses	327	10	52	80	90	372	93	0	64	85	20		1192.31
20 Less-Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
21 Less-Head Quarter Over heads Charged to Other States	0.00	0.00	0.00	45.98	0.00	0.00	0.00	0.00	13.12	0.00	13.24		72.35
Net A&G Expenses(SubTotal-A)	326.71	9.70	52.49	34.43	89.78	371.60	93.09	0.00	50.77	84.79	6.61		1119.97
Repairs & Maintenance Expenses													
1 Gross Repairs & Maintenance	139.49	25.47	59.61	19.17	38.06	20.18	37.71	0.00	199.39	42.85	20.57		602.49
2 Less :-Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Net R&M Exps(SubTotal-B)	139.49	25.47	59.61	19.17	38.06	20.18	37.71	0.00	199.39	42.85	20.57		602.49
Employees Expenses													
1 Salaries	1544.80	59.30	302.60	183.53	55.17	44.22	197.92	0.00	216.04	87.07	85.15		2775.80
2 Over Time	139.83	5.79	30.73	23.01	2.38	8.25	2.06	0.00	23.85	4.59	6.66		247.17
3 Dearness Allowance	1577.34	60.24	305.07	188.52	57.09	46.58	204.11	0.00	225.29	92.47	88.23		2844.93
4 Other Allowances	62.88	2.66	12.17	6.46	3.82	1.77	12.05	0.00	11.96	4.32	4.50		122.61
5 Bonus and Incentive	16.93	1.02	2.12	2.29	0.00	0.00	1.93	0.00	2.16	0.00	1.00		27.44
6 Medical Expenses reimbursement	5.11	0.68	1.23	3.07	1.69	0.00	0.61	0.00	0.72	1.60	0.11		14.82
7 Compensatory off encashment	22.02	4.09	12.38	1.89	32.29	0.00	4.29	0.00	2.28	56.06	3.32		138.61
8 Payment under Workmens' Compensation Act	0.89	0.00	0.05	0.01	0.00	0.00	0.01	0.00	5.72	0.00	0.00		6.68
10 Staff Welfare expenses	29.43	0.35	8.21	3.44	0.75	0.00	2.63	0.00	4.26	1.03	1.39		51.49
11 Terminal Benefits including E.L. encashment on retirement	1018.60	6.61	209.27	123.21	25.93	0.00	87.59	0.00	132.00	33.50	51.02		1687.73
12 Gross Employee Expenses	4417.84	140.74	883.82	535.44	179.12	100.82	513.19	0.00	624.28	280.65	241.37		7917.27
13 Less:- Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Net Employees Exps.(SubTotal-C)	4417.84	140.74	883.82	535.44	179.12	100.82	513.19	0.00	624.28	280.65	241.37		7917.27

Power Stationwise Operation and Maintenance Expenses for FY 15

Particulars	Bansgar	Birpur	Bargi	G.Sagar	J. Sagar	Left Bank	Madikheda	Maheshwar	Pench	R.P.Sagar	Rajghat	Hydro
	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total
Consumable Items-Generation												
1 Cost of Water	1282.15	29.10	1016.77	394.96	0.00	0.00	274.28	0.00	0.00	4.00	0.00	3001.26
2 Cost of Chemicals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 Lubricants & consumables	-6.67	4.62	0.00	-2.74	0.59	0.00	2.81	0.00	0.00	11.89	14.38	24.88
Consumable Items(SubTotal-D)	1275.49	33.72	1016.77	392.22	0.59	0.00	277.10	0.00	0.00	15.89	14.38	3026.14
Grand Total(A+B+C+D)	6159.54	209.63	2012.69	981.25	307.55	492.60	921.08	0.00	874.44	424.17	282.93	12665.88

Note:1. The Expenses indicated above is as per Audited Books of Accounts and for MPPGCL share.
 2. The Employee expenses excludes the impact of 7th Pay Commission

Power Stationwise Operation and Maintenance Expenses for FY 16												
Particulars	Bansgar	Birpur	Bargi	G.Sagar	J. Sagar	Left Bank	Madikheda	Maheshwar	Pench	R.P.Sagar	Rajghat	Hydro
	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total
Administrative & General Expenses												
1 Rent	0.15	0.01	0.03	0.02	0.02	0.00	0.79	0.00	0.04	0.03	0.01	1.10
2 Rates & Taxes	9.44	0.00	0.20	1.53	0.11	0.00	0.40	0.00	0.17	0.19	0.18	12.21
3 Insurance Expenses	0.00	0.00	0.15	0.00	0.27	0.00	0.03	0.00	0.16	0.27	0.15	1.05
4 Telephone, Communication, postage	5.57	0.09	0.44	0.31	0.69	0.07	0.52	0.00	2.56	1.06	0.14	11.45
5 Legal Charges	13.14	0.50	2.25	1.43	1.24	0.00	1.79	0.00	2.75	2.15	0.56	25.81
6 Audit Fee	1.84	0.09	0.39	0.25	0.21	0.00	0.26	0.00	0.46	0.37	0.10	3.97
7 Consultancy Charge / Technical Fee	1.75	0.86	0.33	0.31	0.18	0.00	0.25	0.00	0.39	0.32	0.10	4.50
8 Conveyance & Travel expenses	12.26	0.22	1.77	1.68	0.97	0.00	2.92	0.00	2.79	1.34	1.01	24.96
9 Vehicle Hire and running expenses	3.65	0.14	9.54	6.01	5.47	0.00	12.63	0.00	15.72	6.14	6.17	65.47
10 Fees & Subscriptions	17.95	0.22	4.80	2.44	0.53	0.00	3.65	0.00	6.44	0.91	1.10	38.03
12 Printing & Stationery	5.66	0.24	1.10	0.61	0.85	0.00	0.77	0.00	1.37	1.21	0.37	12.20
13 Advertisement Expenses	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
14 Electricity Charges (Offices)	9.34	0.01	7.31	33.20	4.68	0.00	5.49	0.00	0.33	3.11	2.01	65.49
15 Miscellaneous expenses	25.48	0.16	11.41	33.57	68.82	12.11	48.58	0.00	3.75	50.77	1.51	256.16
16 Sharable Head office expenses	0.00	0.00	0.00	0.00	14.97	0.00	0.00	0.00	0.00	19.22	0.00	34.19
17 Material related expenses	80.10	0.17	1.09	0.81	1.02	0.00	0.50	0.00	1.00	1.40	1.65	87.75
18 Other Exps	0.01	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32
19 Gross A&G Expenses	186	3	41	82	100	12	79	0	38	88	15	644.68
20 Less-Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Less-Head Quarter Over heads Charged to Other States	-2.21	0.00	-0.47	67.58	0.00	0.00	-0.31	0.00	19.27	0.00	18.82	102.89
Net A&G Expenses(SubTotal-A)	188.60	2.71	41.59	14.58	100.04	12.17	78.89	0.00	18.67	88.50	-3.76	542.00
Repairs & Maintenance Expenses												
1 Gross Repairs & Maintenance	671.93	9.33	73.77	29.84	36.04	17.18	36.17	0.00	182.98	42.82	63.53	1163.56
2 Less :-Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net R&M Exps(SubTotal-B)	671.93	9.33	73.77	29.84	36.04	17.18	36.17	0.00	182.98	42.82	63.53	1163.56
Employees Expenses												
1 Salaries	1374.75	63.93	289.93	168.94	87.97	48.63	185.29	0.00	226.32	143.95	78.52	2668.23
2 Over Time	163.49	8.37	38.71	28.98	3.45	0.00	1.02	0.00	26.08	4.92	6.73	281.73
3 Dearness Allowance	1632.59	71.10	334.73	202.43	93.63	41.95	216.40	0.00	231.59	156.86	92.13	3073.39
4 Other Allowances	57.69	2.77	11.64	6.11	5.68	1.16	11.54	0.00	16.12	7.99	4.52	125.22
5 Bonus and Incentive	15.73	0.38	6.96	3.68	1.26	0.00	3.77	0.00	3.96	2.20	1.70	39.64
6 Medical Expenses reimbursement	6.90	0.42	2.17	2.05	1.15	0.00	0.51	0.00	1.07	1.69	0.19	16.14
7 Compensatory off encashment	22.24	3.46	11.80	2.71	13.99	3.08	3.69	0.00	2.78	24.72	2.14	90.60
8 Payment under Workmens' Compensation Act	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 Arrears of Wage revision(placement)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Staff Welfare expenses	44.60	40.25	10.20	5.50	2.90	0.00	4.82	0.00	5.96	5.13	2.30	121.66
11 Terminal Benefits including E.L. encashment on retirement	2611.68	110.77	598.40	344.52	73.59	0.00	256.72	0.00	371.14	112.85	144.49	4624.15
12 Gross Employee Expenses	5929.66	301.43	1304.53	764.91	283.62	94.82	683.76	0.00	885.01	460.31	332.72	11040.76
13 Less:- Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Employees Exps.(SubTotal-C)	5929.66	301.43	1304.53	764.91	283.62	94.82	683.76	0.00	885.01	460.31	332.72	11040.76

Power Stationwise Operation and Maintenance Expenses for FY 16

Particulars	Bansgar	Birpur	Bargi	G.Sagar	J. Sagar	Left Bank	Madikheda	Maheshwar	Pench	R.P.Sagar	Rajghat	Hydro
	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total
Consumable Items-Generation												
1 Cost of Water	793.09	15.92	605.26	594.75	0.00	0.00	291.83	0.00	0.00	4.00	0.00	2304.86
2 Cost of Chemicals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 Lubricants & consumables	1.80	5.98	0.00	4.64	5.30	0.00	0.00	0.00	18.17	0.16	14.19	50.24
Consumable Items(SubTotal-D)	794.90	21.90	605.26	599.39	5.30	0.00	291.83	0.00	18.17	4.16	14.19	2355.10
Grand Total(A+B+C+D)	7585.08	335.38	2025.14	1408.72	425.00	124.17	1090.65	0.00	1104.83	595.79	406.67	15101.42

Note:1. The Expenses indicated above is as per Audited Books of Accounts and for MPPGCL share.
2. The Employee expenses excludes

Power Stationwise Operation and Maintenance Expenses for FY 17

Particulars	Amount in Rs. Lakhs										
	Bansgar Hydel	Birpur Hydel	Bargi Hydel	G.Sagar Hydel	J. Sagar Hydel	Left Bank Hydel	Madikheda Hydel	Pench Hydel	R.P.Sagar Hydel	Rajghat Hydel	Hydro Total
Administrative & General Expenses											
1 Rent	0.12	0.01	0.03	0.02	0.00	0.00	0.64	0.03	0.00	0.01	0.84
2 Rates & Taxes	8.62	0.00	1.14	0.46	0.19	0.00	0.00	0.13	0.19	0.17	10.88
3 Insurance Expenses	0.00	0.00	0.18	0.01	0.26	0.00	0.02	0.20	0.09	0.15	0.90
4 Telephone, Communication, postage	6.19	0.15	0.46	0.37	0.42	0.05	0.28	0.90	0.51	0.03	9.36
5 Legal Charges	9.91	0.32	1.54	0.93	0.00	0.00	1.01	1.81	0.00	0.36	15.90
6 Audit Fee	1.87	0.09	0.40	0.25	0.00	0.00	0.26	0.47	0.00	0.10	3.43
7 Consultancy Charge / Technical Fee	6.19	0.66	9.36	0.77	0.00	0.11	0.84	1.28	0.00	0.30	19.53
8 Conveyance & Travel expenses	11.57	0.17	1.38	1.28	0.59	0.00	2.88	3.00	0.69	0.92	22.48
9 Vehicle Hire and running expenses	3.77	0.18	8.07	9.42	4.24	0.00	23.23	19.37	4.23	8.92	81.41
10 Fees & Subscriptions	17.08	0.30	6.38	2.51	0.00	0.00	2.54	4.29	0.00	0.90	34.00
12 Printing & Stationery	4.79	0.14	0.86	0.46	0.31	0.00	0.58	1.05	0.46	0.33	8.98
13 Advertisement Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14 Electricity Charges (Offices)	16.66	0.08	2.93	18.63	3.17	0.00	7.24	0.37	2.69	2.19	53.96
15 Miscellaneous expenses	43.42	0.24	19.84	55.96	66.32	-3.09	64.15	6.26	46.11	2.72	301.93
16 Sharable Head office expenses	0.00	0.00	0.00	0.00	13.76	0.00	0.00	0.00	16.57	0.00	30.33
17 Material related expenses	87.45	0.19	2.64	4.00	0.34	0.00	0.72	2.25	0.33	2.13	100.05
18 Other Exps*	2195.23	102.42	501.62	295.73	0.00	0.00	307.36	552.00	0.00	116.25	4070.61
19 Gross A&G Expenses	2413	105	557	391	90	-3	412	593	72	135	4764.60
20 Less-Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Less-Head Quarter Over heads Charged to Other States	0.00	0.00	0.00	54.98	0.00	0.00	0.00	13.91	0.00	13.68	82.58
Net A&G Expenses(SubTotal-A)	2412.85	104.94	556.62	335.81	89.59	-2.93	411.75	579.51	71.87	121.60	4682.01
Repairs & Maintenance Expenses											
1 Gross Repairs & Maintenance	470.15	1.19	73.44	17.96	45.09	12.70	28.48	227.78	44.23	46.00	967.01
2 Less :-Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net R&M Exps(SubTotal-B)	470.15	1.19	73.44	17.96	45.09	12.70	28.48	227.78	44.23	46.00	967.01
Employees Expenses											
1 Salaries	1279.87	60.36	272.62	178.45	52.74	33.12	190.38	200.15	79.41	75.21	2422.30
2 Over Time	115.72	7.46	57.30	41.56	3.28	0.00	3.09	27.86	5.97	7.51	269.75
3 Dearness Allowance	1640.13	78.15	341.01	212.62	59.65	42.66	238.84	246.80	92.49	95.17	3047.52
4 Other Allowances	52.08	2.40	9.94	6.67	3.02	1.25	11.59	15.55	3.61	3.65	109.76
5 Bonus and Incentive	26.82	1.44	6.56	3.74	6.50	0.00	4.11	3.95	11.17	1.71	66.02
6 Medical Expenses reimbursement	5.47	0.74	2.35	0.78	0.56	0.00	2.70	1.34	0.68	0.18	14.81
7 Compensatory off encashment	26.55	2.21	2.12	3.76	0.00	11.68	4.31	2.45	0.00	2.62	55.69
8 Payment under Workmen's Compensation Act	10.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.68
9 Arrears of Wage revision(placement)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Staff Welfare expenses	28.22	0.81	6.49	3.14	0.39	0.00	2.81	3.00	0.90	1.23	47.00
11 Terminal Benefits including E.L. encashment on retirement	825.17	42.30	-24.84	-19.60	27.87	0.00	-1.57	-19.84	32.53	-4.65	857.39
12 Gross Employee Expenses	4010.71	195.86	673.55	431.13	154.02	88.70	456.25	481.28	226.76	182.65	6900.90
13 Less- Charged to Capital Works in Progress	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14 Remeasurement of defined benefit liability											
Net Employees Exps.(SubTotal-C)	4010.71	195.86	673.55	431.13	154.02	88.70	456.25	481.28	226.76	182.65	6900.90

Power Stationwise Operation and Maintenance Expenses for FY 17

Amount in Rs. Lakhs											
Particulars	Bansgar	Birpur	Bargi	G.Sagar	J. Sagar	Left Bank	Madikheda	Pench	R.P.Sagar	Rajghat	Hydro
	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Hydel	Total
Consumable Items-Generation											
1 Cost of Water	1688.44	47.93	1064.02	581.00	0.00	0.00	475.79	1.16	4.00	0.00	3862.35
2 Cost of Chemicals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 Lubricants & consumables	0.00	1.98	0.00	20.67	0.26	0.00	0.00	0.00	0.11	39.32	62.35
Consumable Items(SubTotal-D)	1688.44	49.91	1064.02	601.67	0.26	0.00	475.79	1.16	4.11	39.32	3924.70
Grand Total(A+B+C+D)	8582.15	351.90	2367.83	1386.57	288.95	98.47	1372.27	1289.73	346.98	389.77	16474.63

Note:1. The Expenses indicated above is as per Audited Books of Accounts and for MPPGCL share.

2. The Employee expenses excludes

* Including Provision for doubtful debts

Head office/Corporate Operation & Maintenance Office Expenses					
Particulars	Amount in Lakhs				
	FY 13	FY 14	FY 15	FY 16	FY 17
(A) Repair & Maintenance	8.39	5.75	33.89	15.99	29.11
(B) Employee Cost					
Salaries	2429.82	2551.00	2607.45	2583.46	2632.25
Additional Wages	0.06	0.23	0.03	0.03	0.88
Payment Of Dearness Pay	1.25	1.25	1.25	1.25	0
Basic Pay Company's Cadre Of Officers/Employees	33.78	38.08	0	0	0
Variable Allowance-Individual Performance Of Cadre	9.54	11.16	0	0	0
Variable Allowances-Company Performance Of Cadre O	4.28	5.44	0	0	0
Overtime	0.00	0.18	0.16	0.00	0.00
Dearness Allowance	1625.35	2282.73	2755.35	3035.04	3337.60
Fixed Allowance Cadre Of Officers/Employees	24.73	34.07	0	0	0
City Compensatory Allowance	0	0.07	0	0	0
Compensatory Allowance	17.68	18.68	22.38	24.43	21.11
House Rent Reimbursement	74.15	136.06	192.67	189.48	188.88
Kit Allowance Washing Allowance	0.52	0.52	0.50	0.47	0.46
Other Allowance-Settlement Project Etc.	0.32	2.66	2.05	1.93	2.19
Night Allowance	0.21	0.45	0.78	0.33	0.14
Risk/Heavy Duty Allowance	0.20	0.19	0.18	0.12	0.32
Medical Allowance	0.00	0.02	0	0	0
Conveyance Allowance	20.19	20.74	20.33	20.03	19.62
Payment Of Bonus To The Board's Employees	0	0	24.26	0	0
Paymt Of Gen. Incentive Scheme Th/Hydel Pr Stn	0	0	0.02	0.06	0
Ex-Gratia	26.50	0.04	0.00	45.65	43.96
Expdt On Productivity Incentive	86.87	9.29	0.50	0.00	0.00
Medical Allowance Cadre Of Officers/Employees	0.27	0.32	0.00	0.00	0.00
Medical Expencc Reimbursment	20.73	17.91	23.64	42.29	39.39
Earned Leave Encashment	76.25	79.07	80.63	1361.10	437.82
Compensatory Off Encashment To Officers & Official	10.95	1.89	7.32	3.69	2.55
Payment Under Workmen's Compensation Act	0	0	0.62	0	0
Supply Of Free Electricity To Employees	27.67	29.12	33.49	31.17	27.49
Payment Of Interim Relief And Additional Pay	0.56	0.56	0.56	0.56	1.81
Wage Revision Arrears	0	0	74.96	163.15	0
Dcps	31.51	17.21	53.75	67.76	94.94
Medical Expencc	-0.10	0	-0.93	0	0
Uniform & Livery Expences	0.17	0.04	5.88	0.04	4.23

Amount in Lakhs

Particulars	FY 13	FY 14	FY 15	FY 16	FY 17
Other Welfare Expences	0	0.75	0	0.08	0
Stipend	0	0	0	0	34.02
Training Expences	1.31	49.72	43.33	202.32	7.36
Board's Share To Mp Shram Kalyan Nidhi	0.00	0	0	0.02	0
Terminal Benefits (Pf) Board's Contribution	-0.01	0	0	0	0
Terminal Benefits (Gratuity)	130.96	145.37	183.59	0	74.15
Actuarial Loss/ Gain On Remeasurement Of Gratuity	0	0	0	0	-15.87
Provident Fund Inspection And Audit Charges	0.05	0	0	0	0.00
Terminal Benefits Non-Contributory G.T.I.S. 100%	0	9.12	17.10	24.63	48.88
Pension Payments	913.27	1010.86	1201.79	2919.71	-828.19
Actuarial Loss/Gain On Remeasurement Of Pension (O	0	0	0	0	250.22
Terminal Benefit G.T.I.S. 40% Contribution	2.98	5.58	2.09	11.94	19.33
Terminal Benifits Other	0.00	1.12	0.71	0.67	3.80
Terminal Benifits Under Annuity Scheme	0.00	2.87	0.28	0.25	0.52
Subtotal	5572.01	6484.37	7356.72	10731.68	6449.87
(C) Administrative & General Expenses					
Rent (Including Lease Rentals)	0	0.28	1.79	1.81	1.36
Rates & Taxes	0	0	0.06	0	0
Revenue Stamp Expences Account	0	0	0	0	0
Telephone Trunk Calls And Telephone Rent	13.78	20.83	22.04	18.34	20.96
Postage & Telegram	2.61	2.33	2.77	2.41	2.28
Telex Charges	0.01	0.01	0.00	0.01	0.02
Professional Charges	0	0	0	0	0
Legal Charges	32.22	76.80	61.44	124.70	78.79
Audit Fees	3.33	4.31	0.19	0.65	0.28
Consultancy Charges	75.68	52.17	18.05	18.28	58.50
Technical Fees	-0.38	0.18	0	0	0
Oth.Professional Charges Inclu. Comm. On Auction	0	9.24	5.62	0.18	0.02
Consulting Engg.Remun.(Caplisd-At Year End)	0	0.11	0	0	0.00
Professional Charge On Sec Arrangement By Agencies	0	0	0	0	1.66
Conveyance And Travelling	0	0	0	0	0.04
Conveyance Expences	1.45	0.79	0.99	0.70	0.31
Travelling Expences	20.97	18.38	40.12	25.21	24.35
Travelling Allowances To Employees	8.40	11.69	12.05	16.00	14.12
Vehicle Hiring Exp. For Other Than Trucks/Del.Van	9.65	29.76	35.63	34.98	43.07
Travelling Expences Paid To Directors	0.10	0.70	0	0	0

Amount in Lakhs

Particulars	FY 13	FY 14	FY 15	FY 16	FY 17
Fees & Subscription	442.26	100.91	82.71	53.13	48.28
Books And Periodicals	0.42	0.52	0.59	0.52	0.83
Printing And Stationery	7.54	29.04	14.71	25.55	19.35
Stationery And Consumables For E.D.P.	10.13	8.28	10.32	10.51	10.00
Advertisement Expences	0.06	1.14	0	0	0
Donations/Contributions	0.00	0.10	0	0	0
Electricity Charges (Offices)	0.35	0.99	1.91	3.46	18.70
Merchandising Servicing & Contract Work	6.06	3.50	11.37	8.32	5.99
Water Charges	0.96	0.00	0.75	0.00	0.00
Entertainment	4.63	4.92	7.42	3.30	5.35
Board Meeting Expenditure Including Sitting Fee	0	0	0	1.58	3.91
Hot Weather Establishments	0.37	0.01	0.00	0.12	0.18
Incentive/Accord To Emp./Off For Outstdg.Works(Dr)	1.09	0.11	0.00	0.61	0.65
Miscellaneous Expences	7.63	16.16	13.67	9.75	12.64
State Elect.Council's Exp.& Local Advis.Comm. Exp.	0.00	0.00	0.00	0.00	0.00
Expences On Western Regional Electricity Board	10.36	9.71	15.86	10.22	9.02
Expences On Data Processing Char By Pvt. Parties	0	0	0	4.65	13.62
Trainning Under Trisom Program	0	0	0	0	0
Cash Withdrwal/Tran Tax.	0	0	0.35	0.40	0.17
Octroi	0	0.03	0.05	0.02	0.01
Advts. Of Tenders,Notices & Oth Purchas.Related Ad	57.06	30.61	40.59	41.76	46.51
Vehicle Hiring Expenses For Jeep & Cars	6.11	0.11	0	0	0
Expenses Relating To Conferences	0.05	0.09	0.15	0.30	0.54
Fees & Other Charges Paid To Mperc	0.50	1.30	3.00	0	0.00
Fees For Statutory Audit	6.74	8.30	9.31	9.63	9.85
Fees For Tax Audit	0.35	0.20	0.15	0.69	0.71
Fees Paid To Auditor For Certification &Other Work	0	0	2.26	1.93	1.17
Fees Paid For Internal Audit	10.00	10.00	10.00	8.73	8.96
Fees Paid To CS	0	0	0	0	0.38
Head Quarter Over Head.	0	0	23.32	0.68	0.00
Subtotal(C)	740.47	453.61	449.24	439.15	462.57
Grand Total(A+B+C)	6321	6944	7840	11187	6942

Yearwise Head Quarter Expenses

Rs.Lakhs

Particulars	FY 13	FY 14	FY 15	FY 16	FY 17
(A) Repair & Maintainence	8.39	5.75	33.89	15.99	29.11
(B) Employee Cost	5572.01	6484.37	7356.72	10731.68	6449.87
(C) Administrative & General Expenses	740.47	453.61	449.24	439.15	462.57

Yearwise Increase/decrease Head Quarter Expenses

Rs.Lakhs

Particulars	FY 13	FY 14	FY 15	FY 16	FY 17
(A) Repair & Maintainence		-2.64	28.15	-17.90	13.12
(B) Employee Cost		912.36	872.36	3374.96	-4281.82
(C) Administrative & General Expenses		-286.86	-4.36	-10.09	23.41

% wise Increase/decrease Head Quarter Expenses

Rs.Lakhs

Particulars	FY 13	FY 14	FY 15	FY 16	FY 17
(A) Repair & Maintainence		-32%	490%	-53%	82%
(B) Employee Cost		16%	13%	46%	-40%
(C) Administrative & General Expenses		-39%	-1%	-2%	5%

Reason for Increase in O&M Expenses

Administrative & General Expenses	Increase in FY 14 is on account of consultancy fees paid for legal cases.
Repairs & Maintainence Expenses	The increase in A&G Exepnses in on account of bulding repair and maintainence during FY 15 & FY 17.
Employees Expenses	The increase/decrease inn Employee Expenses was on accounting of acturial liability provisioning and retirement of officials.

Annexure-XVIA

Details of Incidental Expenses during construction (IDEC) with breakup for the Generating Stations for which CoD declared after 1.04.2014

Amount in Rs.Lakhs

Name of Station	Date of CoD	Detail of Expenditure	Expenditure as on SCOD	Expenditure as on actual CoD	Time over run
Shri Singaji Thermal Power project Unit-2	28/12/2014	Railway Project Management Consultancy, Project Monitoring Consultancy & TPI (including service tax and other claims)	3244.91	5367.52	2 years 2 months and 18 days
		Establishment & administration and other works			
		Contingency			
		Preliminary Investigation & Site development and enabling works			
		Water Charges Payable to WRD			
		Construction Power Incl. T&D (outside plant)			
		Entry Tax			