

DISCOM WISE MOD STACK OF VARIABLE CHARGES (VC) FOR SEPT-2025 (R0)

(*Effective from 16.09.2025 to 15.10.2025)

Sr. no.	Generating Station	OWNER/TYPE	Installed Capacity/ Share in ISGS (MW)	Type of Fuel	Variable Charge Rs./KWh in Descending Order		
					Approved Variable Charge(Rs/KWh)	Impact for approved change in law (if any) Rs./KWh)	Total Variable Charge(Rs/ KWh)
1	2	3	4	5	6	7	8
DECENTRALISED MOD STACK FOR MSEDC							
1	KAWAS (LQ)	CS		Gas	23.4583		23.4583
2	GANDHAR (NAPM-COM GAS)	CS	204	Gas	11.1455		11.1455
3	KAWAS (NAPM-COM GAS)	CS	200	Gas	11.1258		11.1258
4	KAWAS (RLNG)	CS		Gas	10.0415		10.0415
5	GANDHAR (RLNG)	CS		Gas	10.0405		10.0405
6	Uran GTPS (Open cycle operation)	MSPGCL		Gas	7.7970		7.7970
7	KAWAS (APM GAS)	CS		Gas	5.9404		5.9404
8	GANDHAR (APM GAS)	CS		Gas	5.9092		5.9092
9	Uran GTPS (Combined cycle operation)	MSPGCL	840	Coal	5.5920		5.5920
10	Bhusawal Unit - 03	MSPGCL	210	Gas	5.5700		5.5700
11	Nasik Unit - 03 to 05	MSPGCL	630	Coal	5.5190		5.5190
12	Parali Unit -08	MSPGCL	250	Coal	4.9970		4.9970
13	Parali Unit - 06 & 07	MSPGCL	500	Coal	4.9850		4.9850
14	Solapur STPS	CS	642	Coal	4.8188		4.8188
15	Bhusawal Unit - 04 & 05	MSPGCL	1000	Coal	4.7010		4.7010
16	Chandrapur Unit - 03 to 07	MSPGCL	1920	Coal	4.4040		4.4040
17	JSW U1, Jaigad	IPP	300	Coal	4.0647	0.3146	4.3793
18	Paras Unit - 03 & 04	MSPGCL	500	Coal	4.2870		4.2870
19	APML, 440 MW	IPP	440	Coal	2.3909	1.7562	4.1471
20	APML, Unit 1,4 & 5 1200 MW	IPP	1200	Coal	2.3309	1.7552	4.0861
21	APML, Unit 1,4 & 5 125 MW	IPP	125	Coal	2.3309	1.7552	4.0861
22	Khargone	CS	85	Coal	3.9648		3.9648
23	Chandrapur Unit - 08,09	MSPGCL	1000	Coal	3.9210		3.9210
24	Koradi Unit - 06	MSPGCL	420	Coal	3.6870		3.6870
25	APML, Unit 2 & 3 (1320 MW)	IPP	1320	Coal	1.509	2.1671	3.6761
26	Bhusawal Unit - 06	MSPGCL	660	Coal	3.6260		3.6260
27	IEPL Case-IV	STOA	180	Coal	3.5070	0.0110	3.5180
28	Khaperkheda Unit - 01 to 04	MSPGCL	840	Coal	3.5130		3.5130
29	Gadarwara	CS	92	Coal	3.3668		3.3668
30	Khaperkheda Unit - 05	MSPGCL	500	Coal	3.3280		3.3280
31	MSTPS-I	CS	394	Coal	3.2703		3.2703
32	MSTPS-II	CS	531	Coal	3.2516		3.2516
33	Koradi Unit - 08 to 10	MSPGCL	1980	Coal	3.2250		3.2250
34	KHTPS-II	CS	148	Coal	3.1540		3.1540
35	CGPL	CS	760	Coal	3.0899		3.0899
36	GMR-WARORA	CS	240	Coal	2.8093		2.8093
37	SWPGL	LTOA	200	Coal	2.5109	0.1504	2.6613
38	RattanIndia Power Ltd, Amravati	IPP	1200	Coal	2.0062	0.5454	2.5516
39	VSTP-I	CS	432	Coal	2.5059		2.5059
40	VSTPS-V	CS	161	Coal	2.4015		2.4015
41	VSTP-II	CS	336	Coal	2.3736		2.3736
42	VSTPS-III	CS	275	Coal	2.3519		2.3519
43	VSTP-IV	CS	294	Coal	2.3238		2.3238
44	SSTPS-II	CS	635	Coal	1.8686		1.8686
45	SSTPS-I	CS	120	Coal	1.8045		1.8045
46	KSTPS I AND II	CS	274	Coal	1.6897		1.6897
47	KSTPS-III	CS	556	Coal	1.6408		1.6408
48	Lara	CS	228	Coal	1.3026		1.3026
DECENTRALISED MOD STACK FOR AEML							
1	ADTPS U-1 & 2	DTPS	500	Coal	4.1946	0.0000	4.1946
2	SWPGL TO AEML	MTOA	100	Coal	2.7850	0.0000	2.7850
3	DHARIWAL TO AEML	STOA	125	Coal	2.7690	0.0000	2.7690
4	IEPL TO AEML	MTOA	50	Coal	2.7690	0.0000	2.7690
5	JINDAL PL U1&2 TO AEML	MTOA	100	Coal	2.7140	0.0000	2.7140
DECENTRALISED MOD STACK FOR TPCL-D							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	10.1920	0.0000	10.1920
2	TPC U-7 (APM)	TATA	180	Gas	5.4050	0.0000	5.4050
3	TPC U-5	TATA	500	Coal/Oil/Gas	5.0870	0.0000	5.0870
4	TPC U-8	TATA	250	Coal	4.8400	0.0000	4.8400
5	JINDAL PL TO TATA-D	MTOA	70	Coal	2.7250	0.0000	2.7250
DECENTRALISED MOD STACK FOR BEST							
1	TPC U-7 (RLNG)	TATA	xxx	Gas	10.1920	0.0000	10.1920
2	TPC U-7 (APM)	TATA	180	Gas	5.4050	0.0000	5.4050
3	TPC U-5	TATA	500	Coal/Oil/Gas	5.0870	0.0000	5.0870
4	TPC U-8	TATA	250	Coal	4.8400	0.0000	4.8400
5	SWPGL TO BEST	MTOA	125	Coal	2.7800	0.0000	2.7800
NOTE-							

1) Prepared as per Clause 33 of State Grid Code Regulation 2020 issued by Hon'ble MERC dtd. 2nd sept 2020 .

2) "R0" is updated on mahasidc.in website under "Scheduling & MOD">"MOD Reports">"Annexure-1 Monthly MOD Stack".

3) Actual rates of NTPC Kawas and Gandhar are displayed on WRLDC web-site daily.

4) Hydro generation is not considered for MOD. Central sector optimization is carried out in WRLDC's website manually by considering its MOD rates.

5) Gas and RE and Nuclear Generation is considered as "MUST RUN" except TPCU-7 RLNG(NAPM GAS).

MAHARASHTRA STATE POWER GENERATION CO. LTD.

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Regulatory & Commercial Dept.
Prakashgad, 3rd Floor,
Bandra (E) Mumbai 400 051



Energy Bill No: 065/2025

Bill Date: 01-10-2025

Due date: 14-11-2025

THERMAL & GAS STATIONS Energy bill for the month of September-2025

SR. NO.	POWER STATION	UNITS SENT OUT Sheduled generation (Mus)	ENERGY RATE (Rs./Unit)	MONTHLY ENERGY CHARGE (Rs. in Lakhs)	APPROVED MONTHLY FIXED CHARGE (Rs.in Lakhs)	BILL CLAIMED FOR THE MONTH (Rs.in Lakhs)	ADDITIONAL AFC DISALLOWANCE ADJUSTED FOR THE CURRENT MONTH (Rs.LAKHS.)	NET FC AFTER ADJUSTING THE AFC DISALLOWANCE UPTO THE MONTH (Rs.in Lakhs)	NET BILL CLAIMED FOR THE MONTH (Rs.in Lakhs)
a	b	c	d	e = (c * d)*10	f	g = e + f	h = oo	i = f - h	j = g - h
1	BHUSAWAL (Unit 3)	55.296477	5.174	2861.03972	1269.21088	4130.25060	-318.68483	1587.89571	4448.93543
2	BHUSAWAL (Unit 4-5)	412.391127	4.275	17629.72068	8945.09632	26574.81700	-490.176500	9435.27282	27064.99350
3	BHUSAWAL (Unit 6)	214.075372	3.561	7623.22400	11054.41667	18677.64067	3740.736570	7313.68010	14936.90410
4	KHAPARKHEDA (Unit 1- 4)	338.082639	3.728	12603.72078	5845.63448	18449.35526	199.82366	5645.81082	18249.53160
5	KHAPARKHEDA U # 5	180.770099	3.328	6016.02889	5514.59023	11530.61912	1614.13771	3900.45252	9916.48141
6	NASHIK (Unit 3-5)	155.824933	5.243	8169.90124	3772.99716	11942.89840	-408.88732	4181.88448	12351.78572
7	CHANDRAPUR (Unit 3-7)	556.361754	4.509	25086.35149	9449.19707	34535.54856	1724.06432	7725.13275	32811.48424
8	CHANDRAPUR (Unit- 8 & 9)	452.062237	3.660	16545.47787	10023.44512	26568.92299	138.95732	9884.48780	26429.96567
9	PARAS (Unit 3- 4)	107.040103	4.026	4309.43455	4300.06920	8609.50375	1822.90242	2477.16678	6786.60133
10	PARLI (Unit 6- 7)	159.756555	5.369	8577.32944	4632.11519	13209.44463	-204.37473	4836.48992	13413.81936
11	PARLI (Unit 8)	65.187184	5.236	3413.20095	2953.19104	6366.39199	-588.44531	3541.63635	6954.83730
12	KORADI (Unit 6)	0.000000	3.595	0.00000	2862.36624	2862.36624	2479.21039	383.15585	383.15585
13	KORADI (Unit- 8,9 & 10)	852.310118	3.323	28322.26522	17333.13525	45655.40047	704.96842	16628.16683	44950.43205
14	GTPS URAN (Unit 5 -10)	183.896000	5.232	9621.43872	1947.24880	11568.68752	80.60240	1866.64640	11488.08512
	TOTAL THERMAL	3733.054598		150779.13355	89902.71365	240681.84720	10494.83452	79407.87913	230187.01268
ENERGY BILL FOR SUPPLY OF ENERGY FROM MAHAGENCO's THERMAL & GAS POWER STATIONS TO MAHAVITARAN FOR THE MONTH OF September 2025									230187.01268

Bill amount in words Rs. Two Thousand three Hundred one crores Eighty seven Lakhs one Thousand two hundred sixty eight only (E & OE)

Note:

1. Provisional bill shall be raised seperately later for the transmission system incidences occurred on date 06.09.25, 18.09.2025, 21.09.25 for Chandrapur U-5-6-7, U-6, U-9 respectivelyas per State Grid Code 2020 Reg. 30.12 and 53.3.9.

2. Provisional bill shall be raised seperately later for DC demonstration on dt 10.09.25 for the tariffs and units where actual DC and SG have not been replaced with new DC SG as asked during demonstration as mentioned in Formay-I of Annexure 3.

**Chief Engineer,
Regulatory & Commercial Dept.**

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Calculation for Cummulative AVF Based AFC Disallowance upto September 2025														
Month : Sep-25 Season : Low Demand Season Month no. in the season: 4														
SR. NO.	POWER STATION	Approved Annual Fixed Charge for target AVF (Rs.in Lakhs)	AFC upto First month of high deemand season for target AVF (Rs.in Lakhs)	Normative Availability (%)	Ceiling for peak period recovery during the season	Ceiling for off-peak period recovery during the season	Actual peak period Cummulative AVF upto September 2025 (%)	Actual off-peak period Cummulative AVF upto September 2025 (%)	Capacity Charge for Peak Hours of the Month	Capacity Charge for Off-Peak Hours of the Month	Recoverable Capacity charge as per actual availability factor	Fixed charge disallowance to be passed on	AFC Disallowance adjusted up to last month (Rs. Lakhs.)	Additional AFC disallowance adjustment to be done in the bill for the month of September 2025 (Rs. Lakhs.)
aa	bb	cc	dd	ee	ff	gg	hh	ii	jj	kk	ll = jj + kk	mm = dd - ll	nn	oo = mm - nn
1	BHUSAWAL (Unit 3)	17745.5328100	5915.1776000	85.00%	1183.0355207	4732.1420827	78.494%	79.991%	1092.48459	4453.27973	5545.76432	369.4132800	688.09811	-318.68483
2	BHUSAWAL (Unit 4-5)	111212.1378600	37070.7126200	85.00%	7414.1425240	29656.5700960	90.171%	93.087%	7414.14252	29656.57010	37070.71262	0.0000000	490.17650	-490.17650
3	BHUSAWAL (Unit 6)	132653.0000000	44217.6666700	85.00%	8843.5333333	35374.1333333	74.756%	75.285%	7777.73150	31331.07798	39108.80948	5108.8571900	1368.12062	3740.73657
4	KHAPARKHEDA (Unit 1- 4)	77581.0593900	25860.3531300	85.00%	5172.0706260	20688.2825040	67.655%	70.061%	4116.66398	17052.25601	21168.91998	4691.4331500	4491.60949	199.82366
5	KHAPARKHEDA U # 5	61862.9700500	20620.9900200	85.00%	4124.1980033	16496.7920133	26.732%	26.657%	1297.03601	5173.58806	6470.62407	14150.3659500	12536.22824	1614.13771
6	NASHIK (Unit 3-5)	46898.2158700	15632.7386200	85.00%	3126.5477247	12506.1908987	80.449%	81.919%	2959.14868	12052.87826	15012.02694	620.7116800	1029.59900	-408.88732
7	CHANDRAPUR (Unit 3-7)	141531.6751400	47177.2250500	80.00%	9435.4450093	37741.7800373	62.282%	65.180%	7345.72983	30750.11529	38095.84511	9081.3799400	7357.31562	1724.06432
8	CHANDRAPUR (Unit- 8 & 9)	119399.6738500	39799.8912800	85.00%	7959.9782567	31839.9130267	64.347%	65.371%	6025.89083	24487.14064	30513.03147	9286.8598100	9147.90249	138.95732
9	PARAS (Unit 3- 4)	53799.9746900	17933.3249000	85.00%	3586.6649793	14346.6599173	69.176%	71.783%	2918.95455	12115.83869	15034.79324	2898.5316600	1075.62924	1822.90242
10	PARALI (UNIT 6-7)	54238.4507700	18079.4835900	85.00%	3615.8967180	14463.5868720	94.066%	96.786%	3615.89672	14463.58687	18079.48359	0.0000000	204.37473	-204.37473
11	PARALI (UNIT 8)	40496.7901200	13498.9300400	85.00%	2699.7860080	10799.1440320	85.893%	88.428%	2699.78601	10799.14403	13498.93004	0.0000000	588.44531	-588.44531
12	KORADI (Unit 6)	30162.0389800	10054.0129900	75.00%	2010.8025987	8043.2103947	44.161%	47.574%	1183.98738	5101.96922	6285.95660	3768.0563900	1288.84600	2479.21039
13	KORADI (Unit- 8, 9 & 10)	230999.8709300	76999.9569800	85.00%	15399.9913953	61599.9655813	60.245%	60.895%	10914.97037	44130.94005	55045.91042	21954.0465600	21249.07814	704.96842
14	GTPS URAN (Unit 5 -10)	23220.9888100	7740.3296000	40.89%	1548.0659207	6192.2636827	37.786%	37.479%	1430.55072	5675.71168	7106.26240	634.0672000	553.46480	80.60240
	TOTAL THERMAL	1141802.3792700	380600.7930900		76120.1586180	304480.6344720			60792.97370	247244.09660	308037.07028	72563.72281	62068.88829	10494.83452
	Rs.One hundred and four crores Ninety four Lakhs eighty three thousand four hundred and fifty two only (E & OE)													10494.83452
Chief Engineer, Regulatory & Commercial Dept.														

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Bill No. 066/2025		Bill Date: 01-10-2025		Due date: 14-11-2025					
Energy Bill of MAHAGENCO for the Month of Sep-2025 [From 01-09-2025 (00.00 Hrs) to 30-09-2025 (24:00 Hrs)]									
ENERGY BILL FOR LARGE HYDRO POWER STATIONS									
I. ENERGY BILL FOR HIGH CAPACITY HYDRO POWER STATIONS									
Sr. No.	POWER STATION	UNITS SENT OUT (MU)	ENERGY RATE (Rs/ kWh)	Energy Charge (Rs. Lakhs)	NAPAF (as per MERC)	Approved Monthly Fixed Charges as per NAPAF (Rs. In Lakhs)	Actual PAFM for the month	*Incentive for the month as per actual PAFM	BILL AMOUNT (Rs. Lakhs)
a	b	c	d	e = (c*d)*10	f	g	h	i	j=e+g+i
KOYNA HPS									
1	KGSC Stage I & II	57.570648	0.764	439.839751	89.65	609.416319	87.11	-17.258679	1031.997391
2	KGSC Stage III	32.018120	0.764	244.618437	89.65	325.022037	100.00	37.523464	607.163937
3	KGSC Stage IV	60.237708	0.764	460.216089	89.65	1015.693864	100.00	117.260806	1593.170759
4	KDPH	24.063240	0.764	183.843154	89.65	36.564979	100.00	4.221391	224.629524
5	Total KGSC	173.889716		1328.517430		1986.697198		141.746982	3456.961610
BHIRA TR HPS									
6	Bhira HPS U # 1 & 2	10.101310	1.081	109.195161	90.00	62.588573	50.33	-27.588363	144.195371
7	Bhira Total	10.101310		109.195161		62.588573	50.33	-27.588363	144.19537
TILLARI HPS									
8	Tillari HPS U # 1	4.820380	1.253	60.399361	90.00	109.437903	100.00	12.159767	181.997031
9	Tillari Total	4.820380		60.399361		109.437903	100.00	12.159767	181.99703
10	Total for High Capacity Hydro P.S.	188.811406		1498.111953		2158.72367		126.31839	3783.15401
II. ENERGY BILL FOR OTHER LARGE HYDRO POWER STATIONS									
Sr. No.	POWER STATION	UNITS SENT OUT (MU)	ENERGY RATE (Rs/ kWh)	Energy Charge (Rs. Lakhs)		Approved Monthly Fixed Charges (Rs. In Lakhs)			BILL AMOUNT (Rs. Lakhs)
11	Vaitarna	17.262207	0.00000	0.00000		282.43024			282.43024
12	Ghatghar PSS	10.339530	0.00000	0.00000		1998.96599			1998.96599
13	Total Mahagenco's Hydro (Including Ghatghar PSS)	216.413143							6064.55024
III. BILL SUMMARY									
14	TOTAL ENERGY BILL AMOUNT IN RS. CR. FOR MSPGCL'S LARGE HYDRO STATIONS FOR THE MONTH OF						September-2025	60.6455024	
#NAME?									
*Capacity Charges, Energy Charges & incentive for Koyna, Bhira TR and Tillari are separately indicated as per Clause No. 10.2.2 of MERC MYT Order in Case no. 187 of 2024									
						Chief Engineer (Regulatory & Commercial Dept.)			

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Bill No. 067/2025		Bill Date: 01-10-2025		Due Date: 14-11-2025		
Energy Bill of MAHAGENCO for the Month of Sep-2025 [From 01-09-2025 (00.00 Hrs) to 30-09-2025 (24:00 Hrs)]						
ENERGY BILL FOR SMALL HYDRO POWER STATIONS						
Sr.No.	NAME OF H. P. S.	Capacity (No. of Units X MW)	Net energy exported in MUs	Fix charges in Rs. Lakh		
YELDARI DIVISION						
1	Yeldari	3 X 7.5	14.878329	112.86316		
2	Paithan	1 X 12	-0.004029	58.69973		
VAITARNA DIVISION						
4	Vaitarna Dam Toe	1 X 1.5	0.097377	7.06076		
5	Bhatsa	1 X 15	5.085711	37.29513		
6	Surya	1 X 6	3.240496	78.86758		
BHATGHAR DIVISION						
8	Bhatghar	1X 16	6.205673	114.47928		
9	Kanher	1 X 4	1.736200	-24.83553		
10	Dhom	2 X 1	0.730640	-50.72627		
11	Ujjani	1 X 12	9.181869	177.96217		
12	Warana	2 X 8	7.663254	160.24929		
PANSHET DIVISION						
13	Panshet	1 X 8	3.934200	54.68802		
14	Varasgaon	1 X 8	3.986570	44.60323		
15	Pawana	1 X 10	2.553628	67.20865		
16	Manikdoh	1 X 6	-0.007748	75.76374		
17	Dimbhe	1 X 5	2.859205	75.47935		
BHIRA DIVISION						
18	Dudhganga	2 X 12	4.957745	167.77708		
19	Terwanmedhe	1 X 0.2	0.032500	7.89798		
20	Radhanagari	4 X 1.2	-0.000250	0.00000		
TOTAL SMALL HYDRO						
	TOTAL		67.1313700	1165.33334		
III. BILL SUMMARY						
21	TOTAL ENERGY BILL IN RS CRORE AMOUNT FOR MAHAGENCO'S SMALL HYDRO STATIONS FOR THE MONTH OF		Sep-25	11.6533334		
Amount in words (Rupees Eleven Crore Sixty Five Lakh Thirty Three Thousand Three Hundred Thirty Four and Paise Zero Only)						
Chief Engineer (RCD)						

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Regulatory & Commercial Dept.
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Bandra (E) Mumbai 400 051

Bill No	073/2025	Date:	10-10-2025	Due date:			23-11-2025
Provisional Part-I Fuel Surcharge Adjustment bill for the Month of September-2025							
THERMAL & GAS STATIONS							
SR. NO.	POWER STATION	ECR Considered for Monthly Energy Bill (Rs/Kwh)	Calculated VC without FGD (Rs/Kwh)	Calculated VC with FGD (Rs/Kwh)	Adjustment of FSA Rate (Rs/kWh)	Net Generation sent out (MU's)	FAC-I (Rs. Lakh)
		(a)	(b)		(c) = (b - a)	(d)	(e) = d X c X 10
1	BHUSAWAL (Unit 3)	5.174	5.572		0.398	55.296477	220.07998
2	BHUSAWAL (Unit 4-5)	4.275	4.751		0.476	412.391127	1962.98176
3	BHUSAWAL (Unit 6)	3.561	3.676		0.115	214.075372	246.18668
4	KHAPARKHEDA (Unit 1- 4)	3.728	3.722	3.759	0.031	338.082639	104.80562
5	KHAPARKHEDA (Unit 5)	3.328	3.218		-0.110	180.770099	-198.84711
6	NASHIK (Unit 3-5)	5.243	5.754		0.511	155.824933	796.26541
7	CHANDRAPUR (Unit 3-7)	4.509	4.519		0.010	556.361754	55.63618
8	CHANDRAPUR (Unit- 8 & 9)	3.660	3.984		0.324	452.062237	1464.68165
9	PARAS (Unit 3- 4)	4.026	4.291		0.265	107.040103	283.65627
10	PARLI (UNIT 6-7)	5.369	4.655		-0.714	159.756555	-1140.66180
11	PARLI (UNIT 8)	5.236	4.849		-0.387	65.187184	-252.27440
12	KORADI (Unit 6)	3.595	-	0.000	-3.595	0.000000	0.00000
13	KORADI (Unit-8,9 & 10)	3.323	3.087		-0.236	852.310118	-2011.45188
14	URAN GTPS (Combine cycle)	5.232	5.683		0.451	183.252500	826.46877
15	URAN GTPS (Open cycle)	5.232	7.917		2.685	0.643500	17.27798
	TOTAL MSPGCL FAC BILL					3733.054598	2374.80511
The provisional Part-I Fuel Surcharge Adjustment Bill for MSPGCL stations to MSEDCL for the month of Sep-25 is Rs.23,74,80,511/- (in words, Rs. Twenty Four Crore Twenty Nine Lakh Thirty Nine Thousand Two Hundred & Forty Two Only)							
Chief Engineer, Regulatory & Commercial Dept.							

F10 - ECR calculation for Septembe

S.No.	Particulars	Units	Bhussawal	Bhussawal	Bhussawal 4 & 5	Bhussawal 4 & 5	Bhussawal 6	Bhussawal 6	Khaperkheda 1 TO 4	Khaperkheda 1 TO 4	Khaperkheda 5	Khaperkheda 5	Nashik	Nashik	Chandrapur # 3 to 7	Chandrapur # 3 to 7	Chandrapur Units 8 & 9	Chandrapur Units 8 & 9	Paras Units 3 & 4	Paras Units 3 & 4	Parli Units 6 & 7	Parli Units 6 & 7	Parli Unit 8	Parli Unit 8	Parli Unit 8	Parli Unit 8	Koradi 6	Koradi 6	Koradi Units 8, 9 & 10	Koradi Units 8, 9 & 10	URAN combined cycle	URAN	URAN Open cycle	URAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1	Operational parameters		Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative	Actual	Normative																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1.1	Total Capacity	MW	210	210	1000	1000	660	660	840.00	840.00	500.00	500.00	630.00	630.00	1920	1920	1000	1000	500	500	500	500	250	250	210	210	1980	1980	672	672	672	672																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1.2	Availability	%	83.63%	83.63%	88.97%	88.97%	55.82%	55.82%	67.41%	67.41%	59.05%	59.05%	82.61%	82.61%	56.86%	56.86%	83.01%	83.01%	44.41%	44.41%	84.61%	84.61%	83.89%	83.89%	0.00%	0.00%	70.02%	70.02%	39%	39%	39.23%	39.23%	0.00%	0.00%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1.3	PLF	%	41.06%	41.06%	60.94%	60.94%	47.57%	47.57%	61.71%	61.71%	53.01%	53.01%	61.07%	61.07%	44.02%	44.02%	66.49%	66.49%	32.68%	32.68%	49.04%	49.04%	39.65%	39.65%	0.00%	0.00%	60.18%	60.18%	39%	39%	39.23%	39.23%	0.00%	0.00%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1.40	Gross Generation	MU	64.47	64.47	446.02	446.02	227.06	227.06	386.22	386.22	192.86	192.86	185.58	185.58	623.78	623.78	479.23	479.23	118.64	118.64	180.56	180.56	75.62	75.62	0.00	0.00	911.51	911.51	189.02	189.02	0.60	0.60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1.50	Auxiliary Consumption excluding FGD	%	14.18%	10.96%	7.58%	6.00%	8.01%	5.75%	12.32%	9.70%	7.50%	6.00%	13.37%	10.75%	12.14%	8.67%	6.00%	12.85%	9.30%	12.91%	14.49%	8.50%	6.00%	14.49%	8.50%	#DIV/0!	10.81%	6.67%	6.00%	2.97%	3.10%	0.54%	1.00%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1.60	Auxiliary Consumption excluding FGD	MU	9.14	7.07	33.83	26.76	18.19	13.06	47.57	37.46	14.53	11.57	24.82	19.95	73.73	54.08	31.98	28.75	15.24	11.03	23.31	16.79	10.95	6.43	1.19	0.00	60.83	54.69	5.61	5.86	0.00	0.01																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1.70	Auxiliary Consumption for FGD	%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.20%	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%	#DIV/0!	0.20%	0.00%	0.00%	0.00	0.00	0.00	0.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1.80	Auxiliary Consumption for FGD	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	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	#DIV/0!	0.20%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1.90	Total Auxiliary Consumption	%	14.18%	10.96%	7.58%	6.00%	8.01%	5.75%	12.34%	9.90%	7.53%	6.00%	13.37%	10.75%	12.14%	8.67%	6.00%	12.85%	9.30%	12.91%	14.49%	8.50%	6.00%	14.49%	8.50%	#DIV/0!	11.01%	6.67%	6.00%	2.97%	3.10%	0.54%	1.00%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1.10	Total Auxiliary Consumption (= 1.6 + 1.8)	MU	9.14	7.07	33.83	26.76	18.19	13.06	47.66	37.55	14.53	11.57	24.82	19.95	73.73	54.08	31.98	28.75	15.244325	11.03	23.31	16.79	10.95	6.43	1.19	0.00	60.83	54.69	5.61	5.86	0.003	0.006																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1.11	Net Generation (= 1.4 - 1.10)	MU	55.33	57.40	412.19	419.25	208.87	214.00	338.56	348.67	178.34	181.29	160.750055	165.63	548.06	569.70	447.25	450.48	103.396675	107.61	157.25	163.77	64.66	69.19	-1.190	0.00	850.67	856.81	183.411766	183.16	0.60	0.595																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1.12	Heat Rate	kcal/kWh	2823.85	2787.40	2701.09	2725.60	2641.07	2773.18	2630.00	2435.83	2887.48	2754.00	2776.75	2739.05	2887.48	2754.00	2776.75	2688.00	2386.10	2375.00	2490.10	2415.00	2454.37	2415.00	2477.20	2415.00	#DIV/0!	2455.75	2426.30	2230.00	2094.87	2035.00	4046.77	2900.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1.13	Secondary Fuel Oil Consumption	ml/kWh	4.96	1.40	0.86	0.50	2.05	0.50	3.81	1.20	3.90	1.40	0.65	0.50	1.00	0.65	0.50	4.34	0.50	1.43	0.50	2.31	0.50	0.50	0.50	#DIV/0!	2.81	0.64	0.50	0.00	0.00	0.00	0.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1.14	Transit Loss for Domestic Coal	%	0.000%	0.800%	2.800%	0.800%	3.743%	0.800%	0.800%	0.653%	0.800%	0.890%	0.800%	1.733%	0.800%	2.110%	0.800%	1.756%	0.800%	1.421%	0.800%	0.891%	0.800%	0.395%	0.800%	0.000%	0.800%	3.045%	0.800%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1.15	Transit Loss for washed Coal	%	0%						3.21%						0%		0.00%	0.00%			0%		0.73%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	SHR coal component		2775.17	2773.27	2692.69		2370.10		2620.98		2134.15		2737.06		2618.62		2398.87		2370.26		2855.08		2744.49		2709.26		2678.62		2380.03		2370.31		2448.97		2410.27		2440.80		2410.27		2455.38		2410.27		2455.75		2420.22		2225.28																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	