

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Aug/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	92.227	2130.143	1) Gujrat	9.712	208.916
2) Hydro	3.795	166.068	2) Madhya Pradesh	11.704	276.921
3) Gas	6.581	144.658	3) Chattisgarh	4.910	106.490
Total MSPGCL	102.603	2440.869	4) Maharashtra Net	89.089	1934.932
B) 1) APML	47.900	1092.359	5) Goa	-3.345	-140.193
2) JSWEL	25.624	602.418	6) TAPS 1&2 Injection	2.530	60.298
3) VIPL	11.744	181.435	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	16.622	380.328	8) Pench (MS)	0.782	9.998
5) WPCL	3.580	79.265	9) Pench (Excess)	-0.782	-8.952
6) Other IPP	2.542	49.174	Total	113.818	2438.412
C) 1) TPCL Thermal	16.541	370.216	a) Mumbai Schedule	19.445	527.745
2) TPCL Hydro	0.129	74.936	b) Mumbai Drawl	21.659	588.216
3) TPCL Gas	1.691	40.391	c) MSEDCL Bilateral *	36.741	687.983
4) R-INFRA Thermal	12.000	258.565	Include PX	7.889	68.841
D) STATE			d) Mumbai Bilateral *	19.445	527.745
1) Thermal	228.780	5143.903	Include PX	0.911	101.763
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	3.924	241.004	H) ENERGY CATERED (MUs)		
3) Gas	8.272	185.049	1) MSEDCL	336.305	7259.791
4) Wind	32.290	561.318	2) Mumbai Discoms	52.019	1332.310
6) SOLAR	1.241	22.429	TOTAL STATE	388.324	8592.101
TOTAL STATE	274.507	6153.703			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	3789	3811	3772	3931
MSPGCL Hydro	342	492	97	99
MSPGCL Gas	277	278	273	272
MSPGCL Total Generation	4408	4581	4142	4302
Central Sector Receipt	5761	5307	4984	3918
WIND	1280	1154	1557	1223
CPP / IPP	4852	4749	4036	4768
SOLAR	157	158	0	0
Exchange with Mumbai	-1010	-1002	-1053	-887
MSEDCL DEMAND MET	15448	14947	13666	13324
Load Shedding	25	25	25	22
MSEDCL DEMAND	15473	14972	13691	13346
TPCL GENERATION	801	803	803	579
R-INFRA GENERATION	515	517	518	396
MUMBAI DEMAND	2326	2322	2374	1862
STATE DEMAND MET	17774	17269	16040	15186
STATE DEMAND	17799	17294	16065	15208
Frequency (Hz)	49.92	49.97	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 17:06 Hrs	49.78 Hz at 22:06 Hrs	49.97	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 23/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.44	48.23	155	135
Unit 6	0.00	0.00	0	0
Unit 7	3.46	86.29	166	130
Total	6.90	134.52		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.98	88.58	170	155
Unit 4	10.25	195.34	480	340
Unit 5	0.00	0.00	0	0
Total	14.22	283.92		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.11	72.62	146	118
Unit 3	4.26	76.50	190	163
Unit 4	4.10	84.72	182	161
Unit 5	8.00	190.10	365	300
Unit 6	8.29	174.53	375	302
Unit 7	8.52	176.49	369	333
Total	36.27	774.96		
Paras				
Unit 3	4.85	105.12	213	190
Unit 4	4.68	108.23	210	180
Total	9.53	213.35		
Khaparkheda				
Unit 1	3.35	69.08	165	110
Unit 2	3.14	75.65	145	115
Unit 3	3.64	76.82	166	135
Unit 4	0.00	58.72	0	0
Unit 5	2.48	152.40	361	0
Total	12.60	432.67		
Nasik				
Unit 3	4.22	102.02	185	165
Unit 4	4.22	103.16	187	167
Unit 5	4.27	85.54	186	168
Total	12.70	290.73		
Uran				
All Units	6.58	144.66	280	270
Total	6.58	144.66		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.78	10.00	53	0
Total	0.78	10.00		
Koyna				
Stage 1-2	1.90	63.46	355	40
Stage 4	0.00	30.57	0	0
Stage 3	0.35	28.81	80	0
Total	2.26	122.84		
Hydro				
KDPH	0.61	2.11	38	19
VTRNA	0.00	0.44	0	0
TILLARI	0.00	2.12	0	0
BHTGR/VEER	0.00	1.26	0	0
BHIRA T.R.	0.24	7.46	70	0
RNGR+BHTSA	0.00	0.17	0	0
BHANDARDRA	0.48	7.14	29	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	2.72	9	8
GHATGHAR	0.00	19.80	0	0
Total	1.54	43.22		
Wind				
Total	32.29	561.32	0	0
Total	32.29	561.32		
CPP				
APML(Mus)	47.90	1092.36	0	0
JSWEL(Mus)	25.62	602.42	0	0
VIPL(Mus)	11.74	181.44	0	0
RPLAMT(Mus)	16.62	380.33	0	0
WPCL(Mus)	3.58	79.26	0	0
Other(Mus)	2.54	49.17	0	0
Total	108.01	2384.98		
SOLAR				
Total	1.24	22.43	0	0
Total	1.24	22.43		
Tata				
Trombay 5	10.72	238.77	492	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.69	40.39	122	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.82	131.45	251	202
TATA Hydro	0.13	74.94	102	0
Total	18.36	485.54		
R-INFRA				
1-2	12.00	258.56	518	394
Total	12.00	258.56		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	92.23	2130.14
MSPGCL Thml+Gas	98.81	2274.80

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	3.80	166.07
MSPGCL Total	102.60	2440.87

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.90	94.03
State Total	274.51	6153.70

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/Aug/2015

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4043	159	271	4473	1153	4461	0	4455	4434	-879	13642	34	13676	2257	15933	49.96
2	4036	109	271	4416	1180	4393	0	4602	4176	-722	13443	22	13465	2092	15557	49.95
3	4000	99	273	4372	1169	4460	0	4503	3988	-656	13333	22	13355	1978	15333	49.95
4	3974	104	272	4350	1236	4615	0	4372	3959	-857	13303	22	13325	1896	15221	49.99
5	3931	99	272	4302	1223	4768	0	4299	3918	-887	13324	22	13346	1862	15208	49.96
6	3928	105	272	4305	1204	4729	0	4488	4354	-924	13668	25	13693	1909	15602	50.00
7	4070	119	273	4462	1176	4785	6	4991	4532	-792	14169	25	14194	1906	16100	50.01
8	4038	113	273	4424	950	4816	34	5401	5211	-805	14630	25	14655	1953	16608	49.99
9	3780	139	270	4189	1206	4850	73	5370	5491	-858	14951	25	14976	2027	17003	49.99
10	3776	175	278	4229	1224	4795	108	5377	5520	-908	14968	25	14993	2197	17190	49.97
11	3788	246	277	4311	1310	4835	126	5545	5484	-1004	15062	25	15087	2322	17409	49.95
12	3789	342	277	4408	1280	4852	157	5497	5761	-1010	15448	25	15473	2326	17799	49.92
13	3811	492	278	4581	1154	4749	158	5417	5307	-1002	14947	25	14972	2322	17294	49.97
14	3796	128	278	4202	1429	4738	169	5344	5171	-944	14765	26	14791	2263	17054	50.00
15	3803	127	278	4208	1315	4872	148	5209	4969	-884	14628	23	14651	2205	16856	50.01
16	3781	111	279	4171	1463	4785	132	5188	5167	-885	14833	23	14856	2212	17068	50.01
17	3763	94	280	4137	1728	4445	88	5061	4768	-860	14306	23	14329	2187	16516	50.02
18	3699	97	275	4071	1645	3930	37	4021	3980	-848	12815	23	12838	2158	14996	50.04
19	3759	107	270	4136	1556	3991	5	3860	3648	-885	12451	23	12474	2176	14650	50.00
20	3784	142	271	4197	1400	4182	0	4585	4814	-900	13693	25	13718	2323	16041	49.91
21	3772	97	273	4142	1557	4036	0	4930	4984	-1053	13666	25	13691	2374	16065	49.96
22	3700	97	273	4070	1571	4000	0	4451	4720	-1051	13310	25	13335	2373	15708	49.93
23	3686	97	273	4056	1603	3900	0	4321	4774	-1034	13299	25	13324	2365	15689	49.92
24	3720	397	274	4391	1558	4025	0	4256	4688	-1011	13651	25	13676	2337	16013	49.97
MUs	92.23	3.80	6.58	102.60	32.29	108.01	1.24	115.54	113.82	-21.66	336.30	0.59	336.89	52.02	388.91	49.97

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 23/Aug/2015

Position as on 6.30 Hrs of 24/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling work	
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection	
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29		Continued.	Annual Overhaul	
MSPGCL	Koyna STG-IV Unit-2	250	20/08/2015	09.00		Continued.	Realigning of T-G Rotor & Adjusting the Bearing Clearances.(40 Days)	
MSPGCL	Koyna Unit 5	80	24/08/2015	07.40	24/08/2015	17.10	Preventive Maintenance Work	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
TPC-G	Bhira PSU	150	09/06/2015	10.53		Continued.	Stator Earth Fault	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
CPP	WPCL U-4	135	01/08/2015	21.57		Continued.	Vibration problem in ID Fan	
IPP	Adani U-2	660	04/08/2015	00.03		Continued.	ID Fan Problem	
MSPGCL	Khaparkheda Unit 4	210	16/08/2015	13.10		Continued.	Turbine bearing Vabration high	
IPP	Adani U-3	660	20/08/2015	05.31	23/08/2015	02.21	Main Steam Drain Line	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Aug/2015

Position as on 6.30 Hrs of 24/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							leakage.	
MSPGCL	Koradi Unit-8	660	20/08/2015	09.50		Continued.	EPS problem	
MSPGCL	Chandrapur Unit-8	500	22/08/2015	04.03	23/08/2015	18.43	M.S.Temp.Low	
IPP	RPL(AMT) U-2	270	22/08/2015	15.52	24/08/2015	03.19	PSM Vibration High	
MSPGCL	Khaparkheda Unit 5	500	23/08/2015	07.51		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	23/08/2015	21.35		Continued.	cooling water pump tripped	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 24/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Kolhapur Mapusa II	InterState	22/08/2015	16.43	24/08/2015	07.46	HT	Over Voltage(Line crossing work of 765KV Kurgi-Kolhapur line from 06.26Hrs Dt.23-08-2015)
Kolhapur Solapur(PG) I	InterState	22/08/2015	22.10	23/08/2015	07.17	HT	Over Voltage
Kolhapur Mapusa I	InterState	23/08/2015	06.26	23/08/2015	18.05	PO	Line crossing work of 765KV Kurgi-Kolhapur line
Kolhapur Solapur (PG) II	InterState	23/08/2015	18.16	24/08/2015	06.32	HT	Over Voltage
Kolhapur Mapusa I	InterState	24/08/2015	17.16		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	01/08/2015	12.04		Continued.	PO	Line Crossing work of 765KV A'bad-Solapur D/C By PGCIL (RFC @ 11.38 Hrs).
Dhule- Bableswhar - I	IntraState	22/08/2015	11.34	23/08/2015	09.53	PO	Earth wire work
karad -kolhapur-II	IntraState	22/08/2015	16.31	23/08/2015	07.07	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/08/2015	17.57	23/08/2015	07.15	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/08/2015	21.33	23/08/2015	07.08	HT	Over Voltage
karad -kolhapur-II	IntraState	23/08/2015	16.09	24/08/2015	06.40	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/08/2015	16.54	24/08/2015	09.08	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	23/08/2015	17.41	24/08/2015	00.54	T	Distance Protection
Bhusawal-Aurangabad	IntraState	23/08/2015	18.13	24/08/2015	06.41	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/08/2015	18.16	24/08/2015	09.00	HT	Over Voltage
karad -kolhapur-I	IntraState	24/08/2015	16.32		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/08/2015	16.34		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/08/2015	18.25		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT-II @Warora	IntraState	24/08/2015	08.43	24/08/2015	22.02	PO	HV Side CRM Work ICT on NO Load.
220 KV LINE Outages/Trippings							
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 (charged up to Loc No. 51/1 from Padghe end only)
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Kalwa - Mulund 1	IntraState	22/08/2015	07.35		Continued.	PO	Mumbai Strengthening work
Alephata-Pargaon(Kathapur)	IntraState	23/08/2015	05.05	23/08/2015	05.28	T	Distance Protection
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	23/08/2015	17.22	23/08/2015	19.49	PO	To attend Hot Spot
New Koyna - Loteparshuram	IntraState	24/08/2015	09.08	24/08/2015	16.58	PO	Hot Spot Attending on Y Ph Wave Trap.
Nanded - Parli Ext. Ckt I	IntraState	24/08/2015	10.51	24/08/2015	16.18	PO	Jumper Cone Single Bolt to Adding 3 No.Nut Bolts.
Theur-Jejuri	IntraState	24/08/2015	12.16	24/08/2015	16.54	PO	CT Tan Delta Measurment Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 24/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Chikhali-Deulgaon Mahi	IntraState	24/08/2015	19.25	24/08/2015	19.36	T	Distance Protection