

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.959	2798.971	1) Gujrat	3.166	-37.126
2) Hydro	28.276	476.379	2) Madhya Pradesh	13.255	292.981
3) Gas	6.633	150.518	3) Chattisgarh	6.280	144.440
Total MSPGCL	156.868	3425.868	4) Maharashtra Net	96.574	2285.750
B) 1) APLM	51.610	1251.190	5) Goa	-7.826	-169.614
2) JSWEL	14.815	469.110	6) TAPS 1&2 Injection	3.247	75.864
3) VIPL	9.196	252.525	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.280	120.920	8) Pench (MS)	0.055	2.042
5) WPCL	8.176	188.308	9) Pench (Excess)	-0.055	-1.821
6) Other IPP	6.164	128.962	Total	114.641	2590.474
C) 1) TPCL Thermal	12.741	378.359	a) Mumbai Schedule	22.825	597.374
2) TPCL Hydro	2.587	82.666	b) Mumbai Drawl	32.566	673.847
3) TPCL Gas	3.605	71.022	c) MSEDCL Bilateral *	29.857	708.217
4) R-INFRA Thermal	11.300	265.182	Include PX	-0.338	1.667
D) STATE			d) Mumbai Bilateral *	22.825	595.374
1) Thermal	240.241	5853.527	Include PX	2.378	52.370
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.000
2) Hydro (A2+C2)	30.863	559.045	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.238	221.540	1) MSEDCL	363.213	8129.174
4) Wind	28.732	346.059	2) Mumbai Discoms	62.798	1471.074
6) SOLAR	1.297	27.784	TOTAL STATE	426.011	9600.248
TOTAL STATE	311.371	7007.955			

* 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	5157	5168	4982	5033
MSPGCL Hydro	1788	1301	859	1255
MSPGCL Gas	272	280	274	276
MSPGCL Total Generation	7217	6749	6115	6564
Central Sector Receipt	4858	5177	4976	4029
WIND	749	861	1240	1527
CPP / IPP	4137	4159	3901	3904
SOLAR	159	175	0	0
Exchange with Mumbai	-1479	-1516	-1468	-1081
MSEDCL DEMAND MET	15641	15605	14764	14943
Load Shedding	46	46	39	43
MSEDCL DEMAND	15687	15651	14803	14986
TPCL GENERATION	1015	989	734	699
R-INFRA GENERATION	516	517	518	384
MUMBAI DEMAND	3010	3022	2720	2164
STATE DEMAND MET	18651	18627	17484	17107
STATE DEMAND	18697	18673	17523	17150
Frequency (Hz)	49.93	49.97	49.98	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 18:03 Hrs	49.78 Hz at 14:39 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/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.58	76.09	160	130
Unit 6	0.00	0.00	0	0
Unit 7	3.78	86.23	170	135
Total	7.36	162.32		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.22	234.46	420	360
Unit 5	6.12	225.00	390	0
Total	15.34	459.47		
Parli				
Unit 3	3.62	31.26	158	135
Unit 4	0.00	0.00	0	0
Unit 5	2.91	71.37	149	0
Unit 6	4.62	119.20	211	190
Unit 7	1.35	104.71	202	0
Total	12.51	326.54		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.47	63.86	149	139
Unit 3	4.22	90.00	184	168
Unit 4	4.08	82.40	180	160
Unit 5	9.21	129.02	420	366
Unit 6	9.05	184.36	395	355
Unit 7	8.54	213.37	385	314
Total	38.56	763.02		
Paras				
Unit 3	2.23	117.88	241	0
Unit 4	5.70	122.78	250	207
Total	7.93	240.66		
Khaparkheda				
Unit 1	3.99	94.00	185	155
Unit 2	3.66	82.94	165	125
Unit 3	4.35	81.91	186	176
Unit 4	3.92	95.05	173	147
Unit 5	9.80	207.84	470	380
Total	25.72	561.74		
Nasik				
Unit 3	4.94	99.14	210	200
Unit 4	4.84	98.64	208	196
Unit 5	4.76	87.45	209	191
Total	14.53	285.23		
Uran				
All Units	6.63	150.52	282	272
Total	6.63	150.52		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.06	2.04	40	0
Total	0.06	2.04		
Koyna				
Stage 1-2	6.17	122.04	490	45
Stage 4	15.56	197.05	1120	16
Stage 3	4.28	69.67	320	0
Total	26.02	388.76		
Hydro				
KDPH	0.38	10.44	16	16
VTRNA	0.42	20.02	61	0
TILLARI	0.27	6.60	64	0
BHTGR/VEER	0.00	1.32	0	0
BHIRA T.R.	0.18	4.24	80	0
RNGR+BHTSA	0.00	4.75	0	0
BHANDARDRA	0.20	5.32	9	8
ELDARY	0.00	2.50	0	0
SMLHY_PTN	0.81	16.27	39	31
GHATGHAR	0.00	16.14	0	0
Total	2.26	87.61		
Wind				
Total	28.73	346.06	0	0
Total	28.73	346.06		
CPP				
APML(Mus)	51.61	1251.19	0	0
JSWEL(Mus)	14.82	469.11	0	0
VIPL(Mus)	9.20	252.52	0	0
RPLAMT(Mus)	4.28	120.92	0	0
WPCL(Mus)	8.18	188.31	0	0
Other(Mus)	6.16	128.92	0	0
Total	94.24	2410.98		
SOLAR				
Total	1.30	27.78	0	0
Total	1.30	27.78		
Tata				
Trombay 5	7.86	244.58	458	317
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.20	42.30	115	59
Trombay 7B	1.41	28.72	67	47
Trombay 8	4.88	133.78	246	199
TATA Hydro	2.59	82.67	338	0
Total	18.93	532.05		
R-INFRA				
1-2	11.30	265.18	519	381
Total	11.30	265.18		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.96	2798.97
MSPGCL Thml+Gas	128.59	2949.49

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	28.28	476.38
MSPGCL Total	156.87	3425.87

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	21.73	319.09
State Total	311.37	7007.96

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/May/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	5130	1770	276	7176	1163	4195	0	4187	4379	-1241	15672	58	15730	2662	18392	49.97
2	5172	1328	277	6777	1220	4095	0	4403	4506	-1234	15364	43	15407	2482	17889	49.96
3	5028	1271	276	6575	1307	3872	0	4415	4658	-1218	15194	43	15237	2301	17538	49.98
4	5057	1356	276	6689	1449	3828	0	4065	4204	-1155	15015	43	15058	2239	17297	49.97
5	5033	1255	276	6564	1527	3904	0	4002	4029	-1081	14943	43	14986	2164	17150	49.97
6	5013	1196	278	6487	1646	3914	0	4479	4534	-1052	15529	46	15575	2130	17705	49.99
7	5104	1287	277	6668	1388	3881	3	4504	4610	-1075	15475	47	15522	2115	17637	50.02
8	5148	1468	277	6893	1047	3963	39	4541	4584	-1067	15459	47	15506	2132	17638	50.03
9	5087	1157	275	6519	940	4150	88	4669	4878	-1225	15350	50	15400	2281	17681	50.02
10	5117	1289	272	6678	807	4207	125	4639	4810	-1316	15311	50	15361	2544	17905	49.96
11	5064	1794	272	7130	725	4193	161	4774	4840	-1382	15667	48	15715	2939	18654	49.93
12	5157	1788	272	7217	749	4137	159	4950	4858	-1479	15641	46	15687	3010	18697	49.93
13	5168	1301	280	6749	861	4159	175	5181	5177	-1516	15605	46	15651	3022	18673	49.97
14	5219	930	280	6429	1024	3857	165	5205	5311	-1563	15223	39	15262	2950	18212	49.97
15	5222	949	280	6451	1210	3719	151	5175	5517	-1650	15398	36	15434	3006	18440	49.89
16	5224	984	282	6490	1255	3618	122	5173	5561	-1596	15450	36	15486	3007	18493	49.94
17	4947	1095	280	6322	1356	3755	74	4807	5229	-1519	15217	36	15253	2931	18184	49.97
18	4914	952	276	6142	1410	3657	32	4277	4151	-1473	13919	36	13955	2829	16784	50.01
19	5080	415	276	5771	1429	3700	3	3862	4104	-1401	13606	36	13642	2666	16308	50.01
20	5100	746	276	6122	1193	3895	0	4414	4737	-1487	14460	39	14499	2742	17241	49.94
21	4982	859	274	6115	1240	3901	0	4598	4976	-1468	14764	39	14803	2720	17523	49.98
22	4987	690	274	5951	1256	3895	0	4563	4966	-1473	14595	39	14634	2666	17300	49.99
23	5038	970	275	6283	1277	3920	0	4491	4987	-1440	15027	39	15066	2603	17669	49.91
24	4968	1426	276	6670	1253	3826	0	4599	5035	-1455	15329	39	15368	2658	18026	49.94
MUs	121.96	28.28	6.63	156.87	28.73	94.24	1.30	109.97	114.64	-32.57	363.21	1.02	364.24	62.80	427.04	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/May/2015

Position as on 6.30 Hrs of 24/May/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	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
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	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-4	270	03/04/2015	11.42		Continued.	Boiler feed Pump problem.	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl regirment	
IPP	Adani U-3	660	11/05/2015	00.52		Continued.	Main Steam Drain MIY Bonnet Leakage.	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
MSPGCL	Parli Unit 7	250	20/05/2015	19.16	23/05/2015	15.33	BLR Validity extension for 48 Hrs.	
MSPGCL	Paras Unit 3	250	23/05/2015	00.05	23/05/2015	10.56	Furnace Pressure High	
MSPGCL	Bhusawal Unit 5	500	23/05/2015	16.23		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 5	210	23/05/2015	20.34		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	24/05/2015	10.06	24/05/2015	13.08	Boiler Feed Pump Tripped.	

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

Position as on 6.30 Hrs of 24/May/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 2	210	24/05/2015	12.04	24/05/2015	18.55	Furnace Pressure High	
MSPGCL	Paras Unit 4	250	24/05/2015	19.28	24/05/2015	21.22	Flame Failure	

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

Statement-VII

Position as on 6.30 Hrs of 24/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Wardha PG -Aurangabad PG III	InterState	03/05/2015	07.24		Continued.	HT	To Control ICT Loading.
Wardha(PG)-Aurangabad(PG)- II	InterState	22/05/2015	16.44		Continued.	HT	To Control ICT Loading.
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	20/05/2015	09.14		Continued.	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Kolhapur Mapusa I	InterState	22/05/2015	17.38	23/05/2015	07.30	T	Over Voltage
Dhule Sar'Sarovar II	InterState	22/05/2015	19.02	24/05/2015	10.10	HT	After Complition of Outage CKT ready for Charging.
Kolhapur Mapusa II	InterState	24/05/2015	16.13	24/05/2015	23.16	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/05/2015	18.04		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	24/05/2015	18.13	24/05/2015	22.38	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	"R" Phase Metering CT Burst.
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
karad -kolhapur-II	IntraState	22/05/2015	16.10	23/05/2015	08.29	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/05/2015	17.40	23/05/2015	08.24	HT	Over Voltage
karad -kolhapur-II	IntraState	23/05/2015	16.34	24/05/2015	08.42	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/05/2015	17.13	24/05/2015	09.01	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/05/2015	18.04	24/05/2015	08.45	HT	Over Voltage
Koradi-Bhusawal	IntraState	23/05/2015	19.04	24/05/2015	00.20	PO	Red Hot on Y Ph Line Isolator.
New Koyna -Koyna Stage IV-I	IntraState	24/05/2015	08.19	24/05/2015	15.19	PO	Cold Line Insulator Washing Work.
karad -kolhapur-I	IntraState	24/05/2015	16.16		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/05/2015	17.26		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/05/2015	17.31		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 315 MVA ICT- I @Koradi	IntraState	18/05/2015	11:47		Continued.	PO	Dismantling and Errection of Duct with LA.
220 KV LINE Outages/Trippings							
Boisar(MS) - Boisar (PG) - I	InterState	24/05/2015	04.36	24/05/2015	10.39	PO	Maintenance Work.
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
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.
Eklahara-(Ocr)-Navasari I	IntraState	05/05/2015	23.09		Continued.	HT	To control Load on Bus section at Nasik GCR
Main Bus I @ Kalwa	IntraState	23/05/2015	07.00	23/05/2015	17.44	PO	Jumping work at interconnector
Khadka-Bhadli-1	IntraState	23/05/2015	07.18	23/05/2015	14.50	PO	For Attending CB Closing Probelm.
Nashik-Padgha	IntraState	23/05/2015	07.25	23/05/2015	18.00	PO	A/R Out.
Khadka-Chalisgaon-1	IntraState	23/05/2015	09.08	23/05/2015	12.50	PO	R Ph String Replacement Work.
Boisar(M) - Ghodbunder	IntraState	24/05/2015	04.04	24/05/2015	10.51	HT	For Boisar-2(M)-PG-I Outage.
Boisar Versova Line	IntraState	24/05/2015	04.30	24/05/2015	16.12	HT	For Boisar-2(M)-PG-I Outage.
Boisar II - PGCIL I	IntraState	24/05/2015	04.36	24/05/2015	10.39	PO	Routine Maintenance Work

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/May/2015

Statement-VII

Position as on 6.30 Hrs of 24/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa - Mulund 1	IntraState	24/05/2015	05.02	24/05/2015	09.44	PO	Maintenance Work.
Nashik-Padgha	IntraState	24/05/2015	07.35		Continued.	PO	A/R Out.
Dahanu Versova	IntraState	24/05/2015	10.38	24/05/2015	10.38	T	A/R Succssful
Jejuri-Phursungi 2	IntraState	24/05/2015	11.02	24/05/2015	13.36	PO	Attending Hot Spot
Padgha - Temghar I	IntraState	24/05/2015	11.06	24/05/2015	21.05	PO	To Avail Outage on Bus B at Padgha End.
Kalwa-Salsette-VI	IntraState	24/05/2015	12.10	24/05/2015	18.42	PO	Cross ARM Painting Work.
Bus B @ Padaghe	IntraState	24/05/2015	12.47	24/05/2015	17.58	PO	Commissioning of Hybrid Pass.
Bableshwar- Bableshwar-I	IntraState	24/05/2015	17.15	24/05/2015	22.43	PO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 100 Mva Bhel Ict 2 @Padegaon	IntraState	22/05/2015	07.18	24/05/2015	19.18	PO	Replacement of 2 No. of HV Bushing(R & Y Ph) & Filtration of ICT.
220/132kv 200MVA ICT-III @ Nanded	IntraState	23/05/2015	07.30	23/05/2015	12.05	PO	Oil leakage attending work
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	23/05/2015	10.03	23/05/2015	19.05	PO	Maintenance Work.
220/132 Kv 100 Mva Ibt Ptr @Old Gcr Parli	IntraState	23/05/2015	10.30	23/05/2015	12.40	EO	To attend hotspoton Y-ph CT
132 KV LINE Outages/Trippings							
Paras-Malkapur	IntraState	23/05/2015	00.18	24/05/2015	09.20	HT	For Akola ICT Loading.
Buldana-Motala	IntraState	23/05/2015	00.50	24/05/2015	09.25	HT	For Akola ICT Loading.
Paranda - Bhairavnath Cogeneration	IntraState	23/05/2015	08.30	23/05/2015	09.16	T	B & Y Ph Pick up Bhairavnth Gen Not on Bar.
Paras-Warwat Bakal	IntraState	24/05/2015	16.03		Continued.	HT	To Control 132kv Paras-For Akola ICT-II Loading.

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