

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jul/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.284	2342.653	1) Gujrat	1.796	76.928
2) Hydro	6.709	210.286	2) Madhya Pradesh	13.819	411.717
3) Gas	6.454	145.289	3) Chattisgarh	4.740	141.470
Total MSPGCL	116.447	2698.228	4) Maharashtra Net	88.831	2448.709
B) 1) APML	45.360	1183.700	5) Goa	-6.027	-158.490
2) JSWEL	18.744	445.321	6) TAPS 1&2 Injection	2.786	68.429
3) VIPL	5.368	225.027	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	6.110	292.334	8) Pench (MS)	0.063	4.317
5) WPCL	2.440	71.532	9) Pench (Excess)	-0.063	-3.929
6) Other IPP	2.894	93.683	Total	105.882	2984.834
C) 1) TPCL Thermal	16.474	408.448	a) Mumbai Schedule	24.912	637.767
2) TPCL Hydro	4.841	79.089	b) Mumbai Drawl	26.185	681.228
3) TPCL Gas	0.000	62.906	c) MSEDCL Bilateral *	25.788	880.882
4) R-INFRA Thermal	11.873	246.959	Include PX	2.196	198.906
D) STATE			d) Mumbai Bilateral *	24.912	637.767
1) Thermal	212.547	5309.657	Include PX	7.624	131.146
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	11.550	289.375	H) ENERGY CATERED (MUs)		
3) Gas	6.454	208.195	1) MSEDCL	306.177	8193.938
4) Wind	28.223	856.999	2) Mumbai Discoms	59.371	1478.630
6) SOLAR	0.894	23.508	TOTAL STATE	365.548	9672.568
TOTAL STATE	259.668	6687.734			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4274	4190	4313	4369
MSPGCL Hydro	548	452	310	55
MSPGCL Gas	267	269	259	281
MSPGCL Total Generation	5089	4911	4882	4705
Central Sector Receipt	5399	4937	4286	3889
WIND	846	932	1719	983
CPP / IPP	3985	4007	3376	2464
SOLAR	118	111	0	0
Exchange with Mumbai	-1555	-1521	-1263	-748
MSEDCL DEMAND MET	13882	13377	13000	11293
Load Shedding	46	44	44	41
MSEDCL DEMAND	13928	13421	13044	11334
TPCL GENERATION	1035	1044	968	571
R-INFRA GENERATION	518	517	519	397
MUMBAI DEMAND	3108	3082	2750	1716
STATE DEMAND MET	16990	16459	15750	13009
STATE DEMAND	17036	16503	15794	13050
Frequency (Hz)	49.91	49.94	49.90	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17:01 Hrs	49.75 Hz at 14.25 Hrs	49.94	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 24/Jul/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	1.05	22.97	147	0
Unit 6	0.00	0.00	0	0
Unit 7	3.77	74.47	177	135
Total	4.82	97.43		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.04	87.82	180	160
Unit 4	9.82	209.99	475	365
Unit 5	9.33	221.98	425	370
Total	23.18	519.79		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.18	0	0
Unit 5	0.00	19.87	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	37.92	0	0
Total	0.00	57.96		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.32	83.13	146	114
Unit 3	4.10	102.49	191	132
Unit 4	4.12	98.98	185	145
Unit 5	8.79	185.52	390	295
Unit 6	4.59	14.99	405	0
Unit 7	7.77	203.39	348	298
Total	32.70	688.51		
Paras				
Unit 3	4.57	122.37	203	163
Unit 4	4.62	124.90	202	177
Total	9.20	247.27		
Khaparkheda				
Unit 1	3.59	84.89	170	125
Unit 2	3.46	86.42	170	90
Unit 3	4.12	93.97	202	155
Unit 4	4.14	17.25	179	164
Unit 5	8.89	237.96	460	287
Total	24.19	520.49		
Nasik				
Unit 3	4.64	110.57	205	185
Unit 4	4.55	100.62	200	182
Unit 5	0.00	0.00	0	0
Total	9.20	211.20		
Uran				
All Units	6.45	145.29	282	259
Total	6.45	145.29		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.06	4.32	27	0
Total	0.06	4.32		
Koyna				
Stage 1-2	2.20	85.88	385	35
Stage 4	0.40	56.24	199	0
Stage 3	1.40	36.23	160	0
Total	4.00	178.36		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.40	0.81	61	0
TILLARI	0.17	1.34	59	0
BHTGR/VEER	0.06	1.37	3	2
BHIRA T.R.	0.43	6.48	80	0
RNGR+BHTSA	0.00	3.28	0	0
BHANDARDRA	0.74	2.41	46	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	1.38	0	0
GHATGHAR	0.91	14.86	125	0
Total	2.71	31.93		
Wind				
Total	28.22	857.00	0	0
Total	28.22	857.00		
CPP				
APML(Mus)	45.36	1183.70	0	0
JSWEL(Mus)	18.74	445.32	0	0
VIPL(Mus)	5.37	225.03	0	0
RPLAMT(Mus)	6.11	292.33	0	0
WPCL(Mus)	2.44	71.53	0	0
Other(Mus)	2.89	93.68	0	0
Total	80.92	2311.60		
SOLAR				
Total	0.89	23.51	0	0
Total	0.89	23.51		
Tata				
Trombay 5	10.90	262.13	494	315
Trombay 6	0.00	8.40	0	0
Trombay 7A	0.00	38.66	0	0
Trombay 7B	0.00	24.24	0	0
Trombay 8	5.58	137.91	250	196
TATA Hydro	4.84	79.09	306	55
Total	21.32	550.44		
R-INFRA				
1-2	11.87	246.96	519	395
Total	11.87	246.96		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	103.28	2342.65
MSPGCL Thml+Gas	109.74	2487.94

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.71	210.29
MSPGCL Total	116.45	2698.23

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.60	142.12
State Total	259.67	6687.73

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Jul/2015

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	4340	207	282	4829	1031	2502	0	4440	4297	-772	11887	63	11950	2066	14016	49.96
2	4344	89	282	4715	1028	2424	0	4114	4303	-819	11651	41	11692	1871	13563	49.91
3	4358	77	282	4717	945	2427	0	3793	4047	-787	11349	41	11390	1766	13156	49.97
4	4369	55	281	4705	983	2464	0	3752	3889	-748	11293	41	11334	1716	13050	49.98
5	4363	60	281	4704	1046	2520	0	3860	4094	-723	11641	41	11682	1714	13396	49.90
6	4360	60	275	4695	900	2548	0	4028	4279	-654	11768	42	11810	1809	13619	49.87
7	4445	72	270	4787	775	2664	0	4429	5078	-579	12725	44	12769	1981	14750	49.90
8	4297	526	270	5093	755	3357	22	4503	5048	-715	13560	46	13606	2166	15772	49.92
9	4228	699	267	5194	725	3925	47	4889	5360	-957	14294	46	14340	2434	16774	49.91
10	4276	728	266	5270	811	3997	87	5017	5152	-1319	13998	48	14046	2833	16879	49.91
11	4318	697	264	5279	768	3957	124	5221	5107	-1486	13749	48	13797	3050	16847	49.93
12	4274	548	267	5089	846	3985	118	5165	5399	-1555	13882	46	13928	3108	17036	49.91
13	4190	452	269	4911	932	4007	111	4855	4937	-1521	13377	44	13421	3082	16503	49.94
14	4162	489	268	4919	959	3935	111	4632	4832	-1391	13365	45	13410	2927	16337	49.95
15	4215	251	268	4734	1241	3959	97	4863	4753	-1392	13392	47	13439	2923	16362	49.92
16	4340	121	268	4729	1491	4040	92	4788	4048	-1416	12984	47	13031	2884	15915	49.99
17	4315	95	270	4680	1560	3924	49	4465	4164	-1343	13034	44	13078	2817	15895	49.97
18	4233	137	261	4631	1643	3742	31	4176	3691	-1364	12374	42	12416	2821	15237	49.99
19	4202	250	261	4713	1800	3594	5	4033	3605	-1307	12410	42	12452	2788	15240	49.95
20	4313	310	259	4882	1719	3376	0	4373	4286	-1263	13000	44	13044	2750	15794	49.90
21	4383	242	262	4887	1617	3398	0	4582	4297	-1189	13010	44	13054	2649	15703	49.99
22	4315	199	262	4776	1509	3481	0	3927	3897	-1042	12621	44	12665	2527	15192	49.92
23	4308	177	260	4745	1639	3398	0	3925	3671	-968	12485	44	12529	2409	14938	49.93
24	4336	168	259	4763	1500	3292	0	3808	3648	-875	12328	44	12372	2282	14654	49.93
MUs	103.28	6.71	6.45	116.45	28.22	80.92	0.89	105.64	105.88	-26.18	306.18	1.08	307.26	59.37	366.63	49.94

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 24/Jul/2015

Position as on 6.30 Hrs of 25/Jul/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	Nasik Unit 5	210	30/06/2015	23.50		Continued.	Annual Overhaul	
IPP	VIPL U-1	300	14/07/2015	23.58		Continued.	AOH.	
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection	
TPC-G	Trombay 7A	120	17/07/2015	20.38		Continued.	Gas path Inspection and Rotor replacement	
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	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
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	
MSPGCL	Koyna STG- IV Unit - 1	250	09/06/2015	14.22		Continued.	Excitation T/F Burst	
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	
IPP	Adani U-3	660	04/07/2015	15:03		Continued.	Super heater drain leakage.	
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	
CPP	WPCL U-4	135	11/07/2015	06.58		Continued.	ID Fan Vibration High	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
IPP	RPL(AMT) U-3	270	16/07/2015	18.26		Continued.	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Jul/2015

Position as on 6.30 Hrs of 25/Jul/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP	WPCL U-1	135	18/07/2015	00.00		Continued.	FD Fan Problem.	
MSPGCL	Koradi Unit 5	200	18/07/2015	20.57	24/07/2015	13.32	ID Fan Problem	
IPP	RPL(AMT) U-2	270	21/07/2015	07.00		Continued.	Abnotmal Sound Found.	
MSPGCL	Koyana Unit 7	80	23/07/2015	07.45		Continued.	R.M.Work(For 3 Days)	
MSPGCL	Koradi Unit-8	660	23/07/2015	16.54	24/07/2015	06.56	Tripped on under voltage	
MSPGCL	Chandrapur Unit 6	500	24/07/2015	07.20	24/07/2015	14.29	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 25/Jul/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 IV	InterState	13/07/2015	07.19		Continued.	HT	To Control Padhga-BBLR Line Loading.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	23/07/2015	03.59	24/07/2015	10.17	T	Distance Protection
Dhule Sar'Sarovar I	InterState	23/07/2015	05.42	24/07/2015	10.03	T	Distance Protection
Kolhapur Mapusa II	InterState	23/07/2015	18.06	24/07/2015	11.16	HT	Over Voltage
Dhule Khandwa I	InterState	24/07/2015	13.30	24/07/2015	17.04	PO	Replacement work
Dhule Khandwa II	InterState	24/07/2015	13.58	24/07/2015	16.55	PO	Replacement work
Kolhapur Mapusa I	InterState	24/07/2015	16.32		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/07/2015	20.50		Continued.	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	14/07/2015	12.33		Continued.	T	Distance Protection
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	22/07/2015	21.04		Continued.	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	23/07/2015	08.49	24/07/2015	08.48	PO	Attending Hot Spot
karad -kolhapur-I	IntraState	23/07/2015	16.20	24/07/2015	08.57	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/07/2015	16.40	24/07/2015	09.00	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/07/2015	18.05	24/07/2015	06.38	PO	Over Voltage
Dhule- Bableswhar - I	IntraState	23/07/2015	20.15		Continued.	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	23/07/2015	21.34	24/07/2015	15.15	HT	Over Voltage
Deepnagar Taptitanda	IntraState	24/07/2015	07.39		Continued.	PO	nut bolt tightening work
Bus Coupler @ Kharghar	IntraState	24/07/2015	13.17	24/07/2015	15.14	PO	Attending Hot Spot
Jejuri- Koynastage-IV	IntraState	24/07/2015	15.38	24/07/2015	16.14	T	Distance Protection
karad -kolhapur-II	IntraState	24/07/2015	16.17		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/07/2015	17.04		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/07/2015	18.14		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/07/2015	21.23	25/07/2015	06.34	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-IV @Padghe	IntraState	23/07/2015	20.50	24/07/2015	00.46	PO	Emergency outage
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
Karad - Vita Ckt- I	IntraState	24/07/2015	05.30	24/07/2015	12.19	T	Distance Protection
Bableswhar- Alephata	IntraState	24/07/2015	07.35		Continued.	HT	Over Voltage
Pedambe-Pophali	IntraState	24/07/2015	08.10	24/07/2015	12.20	PO	Damage conductor work
Peth- Mudshingi -I	IntraState	24/07/2015	09.30	24/07/2015	13.30	PO	Replacement work
Pedhambe - Oni	IntraState	24/07/2015	11.15	24/07/2015	13.55	PO	Emergency Tree cutting
Padghe - Jindal	IntraState	24/07/2015	11.40	24/07/2015	14.44	PO	Attending Hot Spot
Nigade- Peth Line	IntraState	24/07/2015	13.41	24/07/2015	14.55	PO	Replacement work
220 KV ICT Outages/Trippings							

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 24/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 25/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault