

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jun/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.479	2813.038	1) Gujrat	5.601	56.141
2) Hydro	7.776	215.806	2) Madhya Pradesh	9.308	314.032
3) Gas	6.313	137.970	3) Chattisgarh	3.160	108.350
Total MSPGCL	110.568	3166.814	4) Maharashtra Net	59.818	2138.206
B) 1) APLM	45.360	1285.440	5) Goa	-7.258	-163.034
2) JSWEL	18.084	387.898	6) TAPS 1&2 Injection	3.019	60.025
3) VIPL	9.184	251.336	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	8.880	139.100	8) Pench (MS)	0.205	2.144
5) WPCL	2.708	133.027	9) Pench (Excess)	-0.205	-1.523
6) Other IPP	3.758	117.669	Total	73.443	2512.197
C) 1) TPCL Thermal	13.102	365.725	a) Mumbai Schedule	21.371	609.064
2) TPCL Hydro	6.049	87.442	b) Mumbai Drawl	28.951	713.859
3) TPCL Gas	2.595	67.487	c) MSEDCL Bilateral *	7.421	656.413
4) R-INFRA Thermal	8.560	250.906	Include PX	-14.570	-46.510
D) STATE			d) Mumbai Bilateral *	21.371	605.614
1) Thermal	206.115	5744.139	Include PX	1.582	37.055
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.450
2) Hydro	13.825	303.248	H) ENERGY CATERED (MUs)		
3) Gas	8.908	205.457	1) MSEDCL	288.854	7875.853
4) Wind	44.924	571.149	2) Mumbai Discoms	59.255	1485.390
6) SOLAR	0.896	23.494	TOTAL STATE	348.109	9361.243
TOTAL STATE	274.668	6847.487			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 17 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4069	3979	3976	4033
MSPGCL Hydro	396	394	702	87
MSPGCL Gas	261	264	263	273
MSPGCL Total Generation	4726	4637	4941	4393
Central Sector Receipt	3286	3394	3605	2287
WIND	2000	1962	1786	1835
CPP / IPP	3955	3410	3932	3430
SOLAR	67	65	0	0
Exchange with Mumbai	-1482	-1408	-1172	-854
MSEDCL DEMAND MET	12552	12060	13092	11091
Load Shedding	43	33	35	37
MSEDCL DEMAND	12595	12093	13127	11128
TPCL GENERATION	1041	1035	1012	693
R-INFRA GENERATION	255	513	517	196
MUMBAI DEMAND	2778	2956	2701	1743
STATE DEMAND MET	15330	15016	15793	12834
STATE DEMAND	15373	15049	15828	12871
Frequency (Hz)	49.99	50.03	49.92	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 06:02 Hrs	49.62 Hz at 19:43 Hrs	50.03	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 25/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.37	70.56	148	122
Unit 6	0.00	0.00	0	0
Unit 7	3.47	58.36	160	130
Total	6.84	128.92		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.94	53.05	170	160
Unit 4	9.11	234.69	400	365
Unit 5	9.06	207.85	400	355
Total	22.12	495.59		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.55	88.77	152	143
Unit 6	2.89	115.43	205	0
Unit 7	4.81	117.10	231	191
Total	11.25	368.28		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.20	78.34	150	112
Unit 3	3.45	88.22	176	102
Unit 4	3.52	97.53	165	120
Unit 5	0.00	208.95	0	0
Unit 6	0.00	84.60	0	0
Unit 7	7.24	172.44	348	225
Total	17.41	730.08		
Paras				
Unit 3	4.81	122.37	210	177
Unit 4	4.74	123.64	206	187
Total	9.56	246.02		
Khaparkheda				
Unit 1	0.00	70.28	0	0
Unit 2	3.30	86.13	150	115
Unit 3	3.84	99.31	166	157
Unit 4	0.00	72.34	0	0
Unit 5	9.15	207.69	430	340
Total	16.29	535.77		
Nasik				
Unit 3	4.32	113.00	185	170
Unit 4	4.33	83.26	187	176
Unit 5	4.36	112.12	185	175
Total	13.01	308.38		
Uran				
All Units	6.31	137.97	273	254
Total	6.31	137.97		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.20	2.14	50	0
Total	0.20	2.14		
Koyna				
Stage 1-2	3.06	75.74	530	40
Stage 4	0.39	45.26	167	0
Stage 3	1.39	33.50	160	0
Total	4.84	154.50		
Hydro				
KDPH	0.00	5.97	0	0
VTRNA	0.29	9.50	61	0
TILLARI	0.19	4.24	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.52	5.96	80	0
RNGR+BHTSA	0.01	3.79	1	0
BHANDARDRA	0.58	2.66	34	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.13	5.17	12	2
GHATGHAR	1.21	22.97	250	0
Total	2.93	61.30		
Wind				
Total	44.92	571.15	0	0
Total	44.92	571.15		
CPP				
APML(Mus)	45.36	1285.44	0	0
JSWEL(Mus)	18.08	387.90	0	0
VIPL(Mus)	9.18	251.34	0	0
RPLAMT(Mus)	8.88	139.10	0	0
WPCL(Mus)	2.71	133.03	0	0
Other(Mus)	3.76	117.67	0	0
Total	87.97	2314.47		
SOLAR				
Total	0.90	23.49	0	0
Total	0.90	23.49		
Tata				
Trombay 5	8.04	223.77	421	312
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.43	38.16	60	59
Trombay 7B	1.16	29.33	49	48
Trombay 8	5.06	128.16	245	175
TATA Hydro	6.05	87.44	405	72
Total	21.75	520.65		
R-INFRA				
1-2	8.56	250.91	517	196
Total	8.56	250.91		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	96.48	2813.04
MSPGCL Thml+Gas	102.79	2951.01

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.78	215.81
MSPGCL Total	110.57	3166.81

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.46	121.01
State Total	274.67	6847.49

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 25/Jun/2015

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4084	206	259	4549	2129	3443	0	2456	2873	-1078	11916	52	11968	1988	13956	50.04
2	4042	154	273	4469	1880	3398	0	2272	2213	-943	11017	37	11054	1832	12886	50.11
3	4033	87	273	4393	1835	3430	0	2037	2287	-854	11091	37	11128	1743	12871	50.03
4	3974	77	273	4324	1903	3476	0	2041	2651	-808	11546	37	11583	1696	13279	50.10
5	3965	92	272	4329	1916	3418	0	2041	2778	-825	11616	37	11653	1714	13367	50.16
6	3959	112	272	4343	1836	3481	0	2046	3000	-900	11760	40	11800	1790	13590	50.16
7	4016	611	260	4887	1835	3554	4	2409	3285	-1023	12542	40	12582	1913	14495	50.14
8	4054	691	262	5007	1929	3785	25	2730	3166	-1105	12807	40	12847	2098	14945	50.07
9	4082	580	261	4923	1869	3856	37	3259	3247	-1293	12639	43	12682	2429	15111	50.08
10	4069	396	261	4726	2000	3955	67	3525	3286	-1482	12552	43	12595	2778	15373	49.99
11	4072	359	261	4692	1875	3935	92	3617	3305	-1645	12254	41	12295	3019	15314	50.04
12	4028	267	257	4552	1996	3832	101	3620	3034	-1622	11893	39	11932	3027	14959	50.00
13	4094	109	258	4461	1928	3657	111	2933	3196	-1601	11752	39	11791	3015	14806	50.04
14	4070	213	262	4545	1858	3648	148	2749	2730	-1406	11523	33	11556	2948	14504	50.06
15	4172	203	261	4636	1971	3395	105	3055	2902	-1404	11605	33	11638	2960	14598	49.95
16	3977	213	260	4450	1921	3140	103	3106	3453	-1454	11613	33	11646	2964	14610	49.98
17	3979	394	264	4637	1962	3410	65	3006	3394	-1408	12060	33	12093	2956	15049	50.03
18	3962	440	260	4662	1868	3572	33	2835	2660	-1339	11456	33	11489	2879	14368	50.03
19	3941	499	254	4694	1938	3668	5	2779	2854	-1273	11886	35	11921	2802	14723	49.98
20	3938	782	258	4978	1831	3738	0	3101	3314	-1215	12646	35	12681	2744	15425	49.86
21	3976	702	263	4941	1786	3932	0	3496	3605	-1172	13092	35	13127	2701	15828	49.92
22	3993	228	263	4484	1654	4105	0	3371	3683	-1081	12845	35	12880	2570	15450	49.98
23	4000	194	263	4457	1618	4125	0	3148	3357	-1047	12510	35	12545	2420	14965	49.99
24	3999	167	263	4429	1586	4021	0	3157	3170	-973	12233	35	12268	2271	14539	50.03
MUs	96.48	7.78	6.31	110.57	44.92	87.97	0.90	68.79	73.44	-28.95	288.85	0.90	289.75	59.26	349.01	50.03

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 25/Jun/2015

Position as on 6.30 Hrs of 26/Jun/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.	Refueling work	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
IPP	Adani U-1	660	01/06/2015	01.48		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 6	500	09/06/2015	23.58		Continued.	COH	
MSPGCL	Khaparkheda Unit 4	210	19/06/2015	23.57		Continued.	Annual Overhaul	
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	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-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.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
IPP	JSW (J) U1	300	14/05/2015	19.16	25/06/2015	00.54	Turbine Bearing Problem	
IPP	RPL(AMT) U-2	270	01/06/2015	06.53		Continued.	Coal bunkering problem	
TPC-G	Trombay 6	500	05/06/2015	05.59		Continued.	Economic Shutdown.	
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.	Coal Shortage	
RINFRA-G	REL Unit 1	250	22/06/2015	12.21		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	23/06/2015	01.23		Continued.	Boiler Validity Renevoation	
MSPGCL	Chandrapur Unit 5	500	24/06/2015	01.23	26/06/2015	02.02	Boiler Tube Leakage	
MSPGCL	Koyna Unit 6	75	25/06/2015	07.35	25/06/2015	18.05	Preventive Maintenance Work	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Jun/2015

Position as on 6.30 Hrs of 26/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Furnace Pressure High	
MSPGCL	Koyna Unit 2	75	25/06/2015	20.55		Continued.	LGB Cooler Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 26/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage	
500 KV LINE Outages/Trippings								
Chandrapur - Padghe Hvdc Pole 2	IntraState	17/06/2015	12.52			Continued.	T	Convertor transformer diff prot optd.
400 KV LINE Outages/Trippings								
Wardha (PG)-Warora II	InterState	20/05/2015	02.39			Continued.	T	Breaker Accumulator Oil Leakage
Dhule Sar'Sarovar I	InterState	17/06/2015	19.00	25/06/2015	07.51		HT	Over Voltage
Karad Solapur (PG)	InterState	23/06/2015	09.23	25/06/2015	09.45		HT	Over Voltage
Kolhapur Mapusa II	InterState	23/06/2015	13.09	25/06/2015	08.08		HT	Over Voltage
Dhule Sar'Sarovar II	InterState	24/06/2015	05.06	25/06/2015	10.02		T	Over Voltage
Dhule Sar'Sarovar I	InterState	25/06/2015	16.37			Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	25/06/2015	17.00			Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	26/06/2015	03.01			Continued.	HT	Over Voltage
Akola II - Taptitanda	IntraState	20/05/2015	08.59			Continued.	HT	Ckt I and Ckt 2 new charged to control BLSR ICT loading.
New Koyna - Dabhol-I	IntraState	08/06/2015	10.05			Continued.	PO	Outage (RFC 16.07Hrs)
New Koyna - Koyna Stage IV-II	IntraState	15/06/2015	14.58			Continued.	PO	Taken on TBC to Attend Oil Leakage on Own CB.
karad -kolhapur-I	IntraState	20/06/2015	16.29	25/06/2015	10.42		HT	Over Voltage
Karad-Jaigad - I	IntraState	20/06/2015	17.10			Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	21/06/2015	17.37	26/06/2015	06.21		T	Distance Protection R Ph E/F,AR Lockout @ Bblr End.
Babhaleshwar-Taptitanda ckt-II	IntraState	23/06/2015	16.53			Continued.	PO	E/W restringing work.
Bhusawal-Aurangabad	IntraState	23/06/2015	17.40			Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	24/06/2015	04.10			Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/06/2015	23.51	25/06/2015	07.26		HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	25/06/2015	08.22			Continued.	PO	Jumper rectification work(upto 04-07-2015)
Babhaleshwar - Padghe-I	IntraState	25/06/2015	19.21	25/06/2015	13.52		PO	Repl.of Broken Insulator string
Padghe - Kalwa - I	IntraState	25/06/2015	22.21	26/06/2015	00.14		EO	Repl.of corona ring
Lonikand I - Koyna stage-IV	IntraState	25/06/2015	23.28	26/06/2015	06.26		HT	Over Voltage
400 KV ICT Outages/Trippings								
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	15/06/2015	09.10			Continued.	PO	LV Side Taken on TBC Bay Work.
400/220/33 Kv 315 Mva ICT II @Chandrapur	IntraState	21/06/2015	20.45			Continued.	T	Differential protection
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.
Bapgaon - Kalwa	IntraState	25/06/2015	06.27	25/06/2015	10.05		PO	To attend Hot Spot
Parli 2-(Girwali) -Murud	IntraState	25/06/2015	09.44	25/06/2015	14.43		PO	To attend Hot Spot
Osmanabad - Solapur (Bale)	IntraState	25/06/2015	09.44	25/06/2015	14.43		PO	To attend Hot Spot
Jejuri- Ismt- Lonand	IntraState	25/06/2015	09.48	25/06/2015	13.40		PO	To attend Hot Spot
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	25/06/2015	14.31	25/06/2015	21.56		PO	Line Maintenance 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