

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Jun/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.099	3133.215	1) Gujrat	5.071	70.525
2) Hydro	6.072	229.895	2) Madhya Pradesh	13.044	349.402
3) Gas	6.444	155.872	3) Chattisgarh	6.030	125.140
Total MSPGCL	123.615	3518.982	4) Maharashtra Net	78.946	2347.259
B) 1) APML	56.390	1440.830	5) Goa	-6.815	-182.915
2) JSWEL	17.166	441.947	6) TAPS 1&2 Injection	2.565	67.714
3) VIPL	10.278	279.974	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	6.840	157.580	8) Pench (MS)	0.119	2.649
5) WPCL	2.467	140.937	9) Pench (Excess)	0.000	-1.909
6) Other IPP	4.077	129.918	Total	98.841	2775.216
C) 1) TPCL Thermal	4.904	391.807	a) Mumbai Schedule	20.433	672.518
2) TPCL Hydro	5.569	106.286	b) Mumbai Drawl	26.094	795.508
3) TPCL Gas	2.595	75.548	c) MSEDCL Bilateral *	20.025	702.395
4) R-INFRA Thermal	11.570	284.883	Include PX	-4.228	-68.932
D) STATE			d) Mumbai Bilateral *	20.433	669.068
1) Thermal	224.791	6401.091	Include PX	0.359	41.551
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.450
2) Hydro	11.641	336.181	H) ENERGY CATERED (MUs)		
3) Gas	9.039	231.420	1) MSEDCL	325.549	8812.788
4) Wind	30.768	693.905	2) Mumbai Discoms	50.733	1654.005
6) SOLAR	1.201	27.033	TOTAL STATE	376.282	10466.793
TOTAL STATE	277.440	7689.630			

* 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 3 Hrs
MSPGCL Thermal	4637	4717	4446	4580
MSPGCL Hydro	686	720	502	78
MSPGCL Gas	265	262	265	277
MSPGCL Total Generation	5588	5699	5213	4935
Central Sector Receipt	4653	4391	4212	3082
WIND	1179	1086	1304	1554
CPP / IPP	4041	4084	3904	4057
SOLAR	168	146	0	0
Exchange with Mumbai	-1223	-1142	-1043	-1120
MSEDCL DEMAND MET	14406	14264	13590	12508
Load Shedding	41	41	36	38
MSEDCL DEMAND	14447	14305	13626	12546
TPCL GENERATION	505	604	690	379
R-INFRA GENERATION	512	518	517	396
MUMBAI DEMAND	2240	2264	2250	1895
STATE DEMAND MET	16646	16528	15840	14403
STATE DEMAND	16687	16569	15876	14441
Frequency (Hz)	50.00	49.97	49.82	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 08.03 Hrs	49.67 Hz at 19.49 Hrs	49.98	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 28/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.46	80.75	155	135
Unit 6	0.00	0.00	0	0
Unit 7	3.85	69.53	175	135
Total	7.30	150.28		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.08	65.15	175	160
Unit 4	9.06	261.94	385	355
Unit 5	8.82	234.56	375	355
Total	21.97	561.65		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.56	99.44	155	143
Unit 6	0.00	115.43	0	0
Unit 7	4.40	131.03	220	150
Total	7.96	392.88		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.36	87.86	148	133
Unit 3	3.99	100.19	175	148
Unit 4	3.90	108.97	170	156
Unit 5	8.84	233.55	380	340
Unit 6	0.00	84.60	0	0
Unit 7	8.64	197.36	376	335
Total	28.73	812.54		
Paras				
Unit 3	5.18	136.86	240	196
Unit 4	5.28	138.12	250	192
Total	10.46	274.99		
Khaparkheda				
Unit 1	3.99	76.04	175	155
Unit 2	3.82	96.96	175	120
Unit 3	3.16	110.63	195	0
Unit 4	0.00	72.34	0	0
Unit 5	10.65	237.42	500	380
Total	21.62	593.40		
Nasik				
Unit 3	4.30	125.88	185	175
Unit 4	4.43	96.46	192	180
Unit 5	4.32	125.15	186	168
Total	13.06	347.49		
Uran				
All Units	6.44	155.87	279	259
Total	6.44	155.87		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.12	2.65	49	0
Total	0.12	2.65		
Koyna				
Stage 1-2	3.47	82.98	470	40
Stage 4	0.33	45.86	191	0
Stage 3	1.02	36.66	160	0
Total	4.82	165.49		
Hydro				
KDPH	0.00	5.97	0	0
VTRNA	0.00	9.50	0	0
TILLARI	0.18	4.79	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	7.11	55	0
RNGR+BHTSA	0.02	4.06	1	0
BHANDARDRA	0.08	2.95	34	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.13	5.58	12	3
GHATGHAR	0.43	23.40	125	0
Total	1.25	64.40		
Wind				
Total	30.77	693.90	0	0
Total	30.77	693.90		
CPP				
APML(Mus)	56.39	1440.83	0	0
JSWEL(Mus)	17.17	441.95	0	0
VIPL(Mus)	10.28	279.97	0	0
RPLAMT(Mus)	6.84	157.58	0	0
WPCL(Mus)	2.47	140.94	0	0
Other(Mus)	4.08	129.92	0	0
Total	97.22	2591.19		
SOLAR				
Total	1.20	27.03	0	0
Total	1.20	27.03		
Tata				
Trombay 5	0.00	234.74	0	0
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.43	42.67	60	59
Trombay 7B	1.16	32.88	49	48
Trombay 8	4.90	143.26	246	199
TATA Hydro	5.57	106.29	450	72
Total	13.07	573.64		
R-INFRA				
1-2	11.57	284.88	518	394
Total	11.57	284.88		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	111.10	3133.22
MSPGCL Thml+Gas	117.54	3289.09

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.07	229.90
MSPGCL Total	123.62	3518.98

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.80	128.84
State Total	277.44	7689.63

Hourly Load Data As on 28/Jun/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	4621	48	279	4948	1538	4238	0	3611	4182	-1259	13647	54	13701	2200	15901	49.94
2	4584	44	278	4906	1626	4082	0	3477	3620	-1153	13081	38	13119	2016	15135	49.99
3	4580	78	277	4935	1554	4057	0	2920	3082	-1120	12508	38	12546	1895	14441	49.94
4	4610	78	277	4965	1558	4026	0	2934	3220	-1061	12708	38	12746	1835	14581	50.00
5	4610	76	277	4963	1466	4005	0	3219	3323	-1046	12711	38	12749	1822	14571	50.02
6	4596	94	277	4967	1451	4004	0	3365	3737	-948	13211	42	13253	1864	15117	50.02
7	4614	84	275	4973	1261	3802	10	3865	4357	-898	13505	42	13547	1824	15371	50.00
8	4633	54	274	4961	1205	3850	46	4159	4821	-935	13948	42	13990	1859	15849	50.02
9	4686	74	269	5029	1401	3910	86	4137	4794	-1033	14187	45	14232	1979	16211	50.07
10	4748	177	263	5188	1400	3989	126	3966	4748	-1073	14378	45	14423	2119	16542	50.04
11	4682	513	262	5457	1262	3844	142	4032	4751	-1178	14278	43	14321	2240	16561	49.98
12	4637	686	265	5588	1179	4041	168	4044	4653	-1223	14406	41	14447	2240	16687	50.00
13	4717	720	262	5699	1086	4084	146	3934	4391	-1142	14264	41	14305	2264	16569	49.97
14	4798	429	259	5486	1072	4105	135	4168	4389	-1113	14074	34	14108	2222	16330	49.96
15	4796	374	261	5431	1090	4018	129	4290	4581	-1100	14149	34	14183	2204	16387	49.92
16	4775	124	265	5164	1127	4091	108	4257	4497	-1064	13923	34	13957	2178	16135	49.93
17	4772	49	264	5085	1225	4064	67	4034	4602	-1065	13978	34	14012	2147	16159	49.99
18	4716	49	265	5030	1338	4118	34	3763	3227	-1117	12630	34	12664	2133	14797	50.02
19	4508	62	264	4834	1430	3967	4	3610	3337	-1099	12473	34	12507	2109	14616	49.98
20	4446	502	265	5213	1304	3904	0	3464	4212	-1043	13590	36	13626	2250	15876	49.82
21	4485	425	267	5177	1192	4029	0	3907	4125	-1046	13477	36	13513	2323	15836	49.93
22	4507	324	267	5098	1150	4328	0	3786	3930	-1088	13418	36	13454	2340	15794	49.94
23	4492	289	268	5049	978	4398	0	3676	4145	-1125	13445	36	13481	2342	15823	49.92
24	4486	719	264	5469	875	4264	0	3512	4117	-1165	13560	36	13596	2327	15923	50.00
MUs	111.10	6.07	6.44	123.61	30.77	97.22	1.20	90.13	98.84	-26.09	325.55	0.93	326.48	50.73	377.21	49.98

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 28/Jun/2015

Position as on 6.30 Hrs of 29/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.	Refuelling 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								
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.	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.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine 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	
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	
IPP	RPL(AMT) U-4	270	26/06/2015	11.53		Continued.	Turbine bearing Vabration high	
TPC-G	Trombay 5	500	27/06/2015	11.11	29/06/2015	04.55	Boiler Tube Leakage	
IPP	RPL(AMT) U-3	270	28/06/2015	05.39	28/06/2015	09.16	Auxiliary supply failure	
IPP	RPL(AMT) U-3	270	28/06/2015	13.51	28/06/2015	21.09	Low furnace pressure	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Jun/2015

Position as on 6.30 Hrs of 29/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 1	210	29/06/2015	05.19		Continued.	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 29/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	26/06/2015	17.16		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	27/06/2015	17.44	28/06/2015	07.22	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	28/06/2015	01.15	28/06/2015	06.29	HT	Over Voltage
Kolhapur Mapusa I	InterState	28/06/2015	16.50		Continued.	HT	Over Voltage
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
New Koyna - Dabhol-I	IntraState	08/06/2015	10.05		Continued.	PO	Outage (RFC 16.07Hrs)
Karad-Jaigad - I	IntraState	20/06/2015	17.10	28/06/2015	09.27	HT	Over Voltage
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	27/06/2015	17.48	28/06/2015	09.24	HT	Over Voltage
Padghe - Kharghar	IntraState	28/06/2015	08.58	28/06/2015	16.06	T	Insulator Replacement Work
karad -kolhapur-II	IntraState	28/06/2015	16.35		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/06/2015	16.43		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/06/2015	18.18		Continued.	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
400/220/33 Kv 315 Mva Ict 1 @Waluj	IntraState	26/06/2015	19.43		Continued.	T	Tripped due to Fire at LV side
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	27/06/2015	19.33	28/06/2015	16.48	T	Distance Protection
Nasik Navsari I	InterState	29/06/2015	05.28		Continued.	T	Distance Protection
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.
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	26/06/2015	20.29		Continued.	T	Breaker trouble indication
Kandalgaon - Koyna	IntraState	27/06/2015	20.25		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/06/2015	20.33		Continued.	PO	Attending Oil Leakage

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