

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Jun/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.872	3221.558	1) Gujrat	-7.367	-119.033
2) Hydro	4.137	102.299	2) Madhya Pradesh	6.502	254.556
3) Gas	8.344	220.569	3) Chattisgarh	6.390	185.220
Total MSPGCL	126.353	3544.426	4) Maharashtra Net	83.539	2751.145
B) 1) APML	11.760	328.368	5) Goa (Amona)	-0.618	-18.302
2) JSWEL	20.408	517.651	6) TAPS 1&2 Injection	3.729	94.008
3) VIPL	10.424	301.421	7) RGPPL Injection	11.560	298.727
4) RPL(AMT)	13.869	457.141	8) Pench (MS)	0.283	1.865
5) WPCL	4.140	100.937	9) Pench (Excess)	-0.283	-1.865
6) Other IPP	4.177	116.275	Total	103.452	3444.456
C) 1) TPCL Thermal	11.938	413.807	a) Mumbai Schedule	16.684	674.129
2) TPCL Hydro	0.219	62.179	b) Mumbai Drawl	21.635	846.126
3) TPCL Gas	3.794	91.331	c) MSEDCL Bilateral *	30.825	936.430
4) R-INFRA Thermal	9.649	291.777	Include PX	-3.100	10.611
D) STATE			d) Mumbai Bilateral *	16.684	674.129
1) Thermal	200.237	5748.935	Include PX	0.188	141.031
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	4.356	164.478	H) ENERGY CATERED (MUs)		
3) Gas	12.138	311.900	1) MSEDCL	303.517	8731.586
4) Wind	29.715	740.987	2) Mumbai Discoms	47.236	1705.246
6) SOLAR	0.854	26.050	TOTAL STATE	350.753	10436.832
TOTAL STATE	247.300	6992.350			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4655	4696	4713	4687
MSPGCL Hydro	220	245	504	48
MSPGCL Gas	337	360	351	340
MSPGCL Total Generation	5212	5301	5568	5075
Central Sector Receipt	4763	4807	4749	3507
WIND	1324	1323	1082	1258
CPP / IPP	2716	2694	2642	2691
SOLAR	110	74	0	0
Exchange with Mumbai	-1066	-928	-1096	-784
MSEDCL DEMAND MET	13059	13271	12945	11747
Load Shedding	0	0	0	0
MSEDCL DEMAND	13059	13271	12945	11747
TPCL GENERATION	700	670	732	552
R-INFRA GENERATION	402	402	402	403
MUMBAI DEMAND	2168	2000	2230	1739
STATE DEMAND MET	15227	15271	15175	13486
STATE DEMAND	15227	15271	15175	13486
Frequency (Hz)	49.96	50.01	49.91	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.01 Hrs	49.96 Hz at 19.39 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 26/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.21	66.91	140	125
Unit 6	0.00	0.00	0	0
Unit 7	3.58	93.55	155	140
Unit 8	10.61	294.14	482	400
Total	17.40	454.60		
Bhusawal				
Unit 2	0.00	42.14	0	0
Unit 3	3.94	100.48	165	160
Unit 4	8.88	217.42	500	360
Unit 5	8.97	250.52	500	360
Total	21.80	610.56		
Parli				
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 3	4.10	92.78	188	163
Unit 4	4.06	109.18	184	165
Unit 5	8.84	228.72	410	355
Unit 6	8.94	252.10	450	360
Unit 7	8.90	228.20	418	360
Unit 8	0.35	43.92	123	0
Total	35.18	954.90		
Paras				
Unit 3	5.01	142.51	250	190
Unit 4	5.02	139.24	258	195
Total	10.03	281.76		
Khaparkheda				
Unit 1	0.00	88.32	0	0
Unit 2	3.56	99.04	170	125
Unit 3	4.16	102.89	190	166
Unit 4	3.94	101.53	190	157
Unit 5	9.79	230.65	500	378
Total	21.45	622.43		
Nasik				
Unit 3	3.98	95.42	170	160
Unit 4	0.00	74.62	0	0
Unit 5	4.03	107.53	178	161
Total	8.01	277.58		
Uran				
All Units	8.34	220.57	372	328
Total	8.34	220.57		
PENCH (MS)				
Pench (MS)	0.28	1.86	72	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.28	1.86		
Koyna				
Stage 1-2	1.45	35.49	365	40
Stage 4	0.00	11.70	0	0
Stage 3	0.61	13.10	80	0
Total	2.06	60.29		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.75	7.08	60	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	4.18	50	0
RNGR+BHTSA	0.07	3.85	9	0
BHANDARDRA	0.00	0.11	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.58	0	0
GHATGHAR	1.18	22.61	145	0
Total	2.08	42.01		
Wind				
Total	29.72	740.99	0	0
Total	29.72	740.99		
CPP				
APML(Mus)	11.76	328.37	0	0
JSWEL(Mus)	20.41	517.65	0	0
VIPL(Mus)	10.42	301.42	0	0
RPLAMT(Mus)	13.87	457.14	0	0
WPCL(Mus)	4.14	100.94	0	0
Other(Mus)	4.18	116.28	0	0
Total	64.78	1821.79		
SOLAR				
Total	0.85	26.05	0	0
Total	0.85	26.05		
Tata				
Trombay 5	7.91	269.82	473	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.37	56.53	115	79
Trombay 7B	1.42	34.80	65	53
Trombay 8	4.02	143.99	211	104
TATA Hydro	0.22	62.18	78	0
Total	15.95	567.32		
R-INFRA				
1-2	9.65	291.78	403	401
Total	9.65	291.78		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	1.37
Koradi 9	0.00	18.36
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	113.87	3221.56
MSPGCL Thml+Gas	122.22	3442.13
MSPGCL Hydro	4.14	102.30

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	126.35	3544.43
Koyna 1,2 & 4 Total	1.45	47.19
State Total	247.30	6992.35

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Jun/2016

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	4714	207	339	5260	1231	2690	0	4619	3931	-980	12132	0	12132	1956	14088	49.94
2	4690	48	350	5088	1318	2677	0	4017	3791	-862	12012	0	12012	1826	13838	49.97
3	4687	48	340	5075	1258	2691	0	3533	3507	-784	11747	0	11747	1739	13486	49.98
4	4710	53	339	5102	1257	2698	0	3525	3587	-676	11968	0	11968	1662	13630	49.98
5	4706	58	361	5125	1284	2697	0	3606	3567	-650	12023	0	12023	1635	13658	49.96
6	4719	54	341	5114	1289	2688	0	3780	4008	-731	12368	0	12368	1698	14066	49.98
7	4675	49	349	5073	1216	2694	4	3982	4463	-728	12722	0	12722	1698	14420	49.96
8	4677	203	351	5231	1109	2689	32	4093	4689	-772	12978	0	12978	1750	14728	49.97
9	4690	302	372	5364	1277	2688	76	4475	4649	-822	13232	0	13232	1847	15079	50.02
10	4667	288	349	5304	1412	2692	89	4781	4606	-861	13242	0	13242	1941	15183	50.02
11	4673	259	331	5263	1260	2693	106	4604	4640	-1010	12952	0	12952	2114	15066	49.96
12	4655	220	337	5212	1324	2716	110	4574	4763	-1066	13059	0	13059	2168	15227	49.96
13	4616	190	328	5134	1112	2698	96	4475	4954	-1045	12949	0	12949	2164	15113	49.94
14	4616	160	349	5125	1008	2689	96	4456	4915	-990	12843	0	12843	2107	14950	49.97
15	4628	177	337	5142	1011	2686	107	4576	5006	-945	13007	0	13007	2052	15059	49.97
16	4696	245	360	5301	1323	2694	74	4584	4807	-928	13271	0	13271	2000	15271	50.01
17	4630	118	361	5109	1667	2584	32	4438	4395	-910	12877	0	12877	1977	14854	50.03
18	4599	104	342	5045	1733	2572	26	3762	3739	-927	12188	0	12188	2002	14190	50.01
19	4599	116	352	5067	1474	2599	6	3633	3882	-974	12054	0	12054	2071	14125	49.98
20	4613	184	343	5140	1281	2607	0	4862	4802	-1029	12801	0	12801	2170	14971	49.87
21	4713	504	351	5568	1082	2642	0	4373	4749	-1096	12945	0	12945	2230	15175	49.91
22	5199	279	343	5821	934	2809	0	4248	4238	-1084	12718	0	12718	2219	14937	49.96
23	5479	172	365	6016	922	2961	0	4173	3838	-896	12841	0	12841	2150	14991	49.97
24	5221	99	354	5674	933	2924	0	4679	3926	-869	12588	0	12588	2059	14648	49.99
MUs	113.87	4.14	8.34	126.35	29.72	64.78	0.85	101.85	103.45	-21.64	303.52	0.00	303.52	47.24	350.75	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 26/Jun/2016

Position as on 6.30 Hrs of 27/Jun/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
CENT.SECTOR	TARAPUR-3	540	23/05/2016	20.30		Continued.	Annual Maintenance Work.	
IPP	JSW (J) U3	300	21/06/2016	18.15		Continued.	Capital Overhaul	
MSPGCL	Khaparkhedha Unit 1	210	25/06/2016	23.45		Continued.	A.O.H.	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vaccum	
IPP	Adani U-1	660	13/05/2016	22.53		Continued.	Water Shortage	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
IPP	Adani U-2	660	25/05/2016	21.22		Continued.	Water Shortage.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No concent to operate	
MSPGCL	Chandrapur Unit 9	500	12/06/2016	18.13		Continued.	Low furnace pressure	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	17/06/2016	22.39	26/06/2016	20.00	Condensor vaccum low protection.	
IPP	RPL(AMT) U-2	270	18/06/2016	06.54		Continued.	Zero Shedule.	
MSPGCL	Nasik Unit 4	210	19/06/2016	00.20		Continued.	Water Shortage.	
RGPL	Dabhol 2B	230	20/06/2016	13.03		Continued.	Change Over.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Jun/2016

Position as on 6.30 Hrs of 27/Jun/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit B0	120	27/06/2016	06.42		Continued.	Maintenance work	
MSPGCL	Uran Unit 8	108	27/06/2016	06.43		Continued.	Maintenance work	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 27/Jun/2016

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	26/06/2016	07.36	26/06/2016	18.02	PO	765KV Wardha-Hyderabad D/C Crossing work
Chandrapur - Padghe Hvdc Pole 1	IntraState	26/06/2016	07.36	26/06/2016	18.02	PO	765KV Wardha-Hyderabad D/C Crossing work
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	23/06/2016	17.36		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	25/06/2016	10.43	26/06/2016	07.14	PO	Annual Maintenance Work
Kolhapur Solapur (PG) II	InterState	26/06/2016	16.36		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	21/06/2016	16.51		Continued.	HT	To Control Load on Padgha-BBLSR Line
Karad-Jaigad - I	IntraState	23/06/2016	13.12		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/06/2016	17.08		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/06/2016	14.08		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/06/2016	22.37	26/06/2016	10.44	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	26/06/2016	02.03	27/06/2016	06.30	T	Over Voltage
Main Bus-II @ Koradi	IntraState	26/06/2016	08.58	26/06/2016	17.03	PO	Construction work
Padgha-HVDC(AC)-II	IntraState	26/06/2016	09.59	26/06/2016	18.01	HT	Converter work at padgha HVDC end
Akola II - Akola I Ckt-I	IntraState	26/06/2016	18.53	26/06/2016	20.22	EO	Isolator Sparking
Lonikand I - Koyna stage-IV	IntraState	26/06/2016	21.53		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Bableshtar	IntraState	24/06/2016	19.25		Continued.	PO	shifted on TBC for main bus 1&2 outage
400/220 Kv 600 MVA ICT-IV @Padghe	IntraState	25/06/2016	22.43	26/06/2016	01.30	PO	Premonsoon Maintenance Work.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	26/06/2016	00.08	26/06/2016	13.31	T	Distance Protection
Nasik Navsari II	InterState	26/06/2016	05.55	26/06/2016	18.58	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 de-energising 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 de-energising the line bet.86 to 107.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Aurangabad (Waluj)-Bhenda	IntraState	22/06/2016	23.02		Continued.	HT	Hand Tripped.
Kandalgaon - Topworth	IntraState	25/06/2016	19.30	26/06/2016	05.20	T	R.Phase Jumper Broken At LOC. 20B.
Padgha-Temghar-II	IntraState	25/06/2016	22.30	26/06/2016	01.38	HT	ICT Loading.
Padgha - Temghar I	IntraState	25/06/2016	22.30	26/06/2016	01.38	HT	ICT Loading.
Parli 3 (Old Gcr)-Osmanabad	IntraState	26/06/2016	01.31	26/06/2016	04.10	T	Distance Protection
Kalwa - Mulund 1	IntraState	26/06/2016	07.32		Continued.	HT	Bay strengthing work at Kalwa end
Pedambe-Pophali	IntraState	26/06/2016	13.10	26/06/2016	15.55	EO	To attend Bus Bar Indication at Pedambe
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
132 KV LINE Outages/Trippings							
Kalmeshwar-Saoner 2	IntraState	25/06/2016	20.21	26/06/2016	07.52	T	Distance Protection

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 26/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 27/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Girwali-Renapur-Ahamadpur	IntraState	25/06/2016	23.49	26/06/2016	12.57	T	Distance Protection
Morshi-Warud	IntraState	26/06/2016	02.21	26/06/2016	02.30	T	Distance Protection
Paras-Warwat Bakal	IntraState	26/06/2016	19.45	26/06/2016	19.50	T	Distance Protection
Pusad-Umarkhed	IntraState	26/06/2016	22.37	26/06/2016	23.08	T	Distance Protection