

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 06/Jul/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	86.384	561.402	1) Gujrat	-7.978	-48.218
2) Hydro	5.241	29.598	2) Madhya Pradesh	9.766	53.785
3) Gas	5.900	35.183	3) Chattisgarh	6.540	38.090
Total MSPGCL	97.525	626.183	4) Maharashtra Net	50.940	327.816
B) 1) APMIL	58.425	288.775	5) Goa (Amona)	-0.846	-4.536
2) JSWEL	19.712	112.433	6) TAPS 1&2 Injection	3.633	19.302
3) VIPL	10.099	60.553	7) RGPPL Injection	11.621	70.158
4) RPL(AMT)	0.000	3.657	8) Pench (MS)	0.035	1.113
5) WPCL	4.628	25.743	9) Pench (Excess)	-0.035	-1.113
6) Other IPP	2.364	17.774	Total	73.641	455.284
C) 1) TPCL Thermal	13.952	88.651	a) Mumbai Schedule	16.723	112.867
2) TPCL Hydro	2.278	14.829	b) Mumbai Drawl	25.075	140.224
3) TPCL Gas	3.766	22.951	c) MSEDCL Bilateral *	23.497	134.112
4) R-INFRA Thermal	9.911	63.294	Include PX	-7.145	-64.268
D) STATE			d) Mumbai Bilateral *	16.723	112.867
1) Thermal	205.475	1222.282	Include PX	0.270	1.888
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.519	44.427	H) ENERGY CATERED (MUs)		
3) Gas	9.666	58.134	1) MSEDCL	285.027	1705.344
4) Wind	43.151	250.666	2) Mumbai Discoms	54.982	329.949
6) SOLAR	0.557	4.500	TOTAL STATE	340.009	2035.293
TOTAL STATE	266.368	1580.009			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3719	3637	3541	3480
MSPGCL Hydro	307	84	432	54
MSPGCL Gas	249	246	249	252
MSPGCL Total Generation	4275	3967	4222	3786
Central Sector Receipt	4006	2999	3806	2214
WIND	1660	2036	2116	1630
CPP / IPP	4198	4162	4030	3767
SOLAR	46	64	0	0
Exchange with Mumbai	-1331	-1238	-1305	-626
MSEDCL DEMAND MET	12854	11990	12869	10771
Load Shedding	0	0	0	0
MSEDCL DEMAND	12854	11990	12869	10771
TPCL GENERATION	999	995	850	634
R-INFRA GENERATION	416	506	403	403
MUMBAI DEMAND	2746	2739	2558	1663
STATE DEMAND MET	15600	14729	15427	12434
STATE DEMAND	15600	14729	15427	12434
Frequency (Hz)	50.01	50.01	49.90	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.01 Hrs	49.73 Hz at 20.05 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 06/Jul/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.32	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.60	0	0
Unit 8	12.01	70.28	505	500
Total	12.01	71.20		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.68	22.94	160	145
Unit 4	0.00	9.10	0	0
Unit 5	0.00	9.00	0	0
Total	3.68	41.03		
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	4.02	23.92	181	160
Unit 4	4.02	23.66	180	160
Unit 5	8.29	51.43	370	310
Unit 6	8.22	51.79	370	310
Unit 7	8.44	50.02	377	330
Unit 8	5.51	19.42	292	170
Total	38.49	220.24		
Paras				
Unit 3	4.85	28.65	254	178
Unit 4	5.02	29.00	255	190
Total	9.87	57.65		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	19.12	0	0
Unit 3	0.00	19.82	0	0
Unit 4	3.89	23.51	164	159
Unit 5	10.35	58.93	500	395
Total	14.24	121.39		
Nasik				
Unit 3	4.05	24.20	175	160
Unit 4	0.00	0.00	0	0
Unit 5	4.04	23.78	173	163
Total	8.09	47.98		
Uran				
All Units	5.90	35.18	255	225
Total	5.90	35.18		
PENCH (MS)				
Pench (MS)	0.04	1.11	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	1.11		
Koyna				
Stage 1-2	2.09	9.80	380	40
Stage 4	0.05	0.28	49	0
Stage 3	1.32	7.15	160	0
Total	3.46	17.22		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	2.84	0	0
TILLARI	0.36	3.00	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	2.24	40	0
RNGR+BHTSA	0.00	0.12	0	0
BHANDARDRA	0.09	0.71	4	3
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.90	3.48	140	0
Total	1.78	12.37		
Wind				
Total	43.15	250.67	0	0
Total	43.15	250.67		
CPP				
APML(Mus)	58.42	288.78	0	0
JSWEL(Mus)	19.71	112.43	0	0
VIPL(Mus)	10.10	60.55	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	4.63	25.74	0	0
Other(Mus)	2.36	17.77	0	0
Total	95.23	508.94		
SOLAR				
Total	0.56	4.50	0	0
Total	0.56	4.50		
Tata				
Trombay 5	8.62	56.13	474	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.36	14.44	115	62
Trombay 7B	1.40	8.51	64	48
Trombay 8	5.33	32.52	248	198
TATA Hydro	2.28	14.83	197	0
Total	20.00	126.43		
R-INFRA				
1-2	9.91	63.29	506	401
Total	9.91	63.29		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	1.92
Koradi 9	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	86.38	561.40
MSPGCL Thml+Gas	92.28	596.58
MSPGCL Hydro	5.24	29.60

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	97.52	626.18
Koyna 1,2 & 4 Total	2.14	10.08
State Total	266.37	1580.01

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 06/Jul/2016

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	3506	133	252	3891	1753	3770	0	2569	2427	-800	11041	0	11041	1911	12952	49.95
2	3478	198	242	3918	1703	3776	0	2119	2255	-699	10952	0	10952	1790	12742	50.02
3	3483	53	252	3788	1691	3762	0	2115	2360	-646	10955	0	10955	1704	12659	50.01
4	3480	54	252	3786	1630	3767	0	2035	2214	-626	10771	0	10771	1663	12434	50.00
5	3458	54	252	3764	1697	3765	0	2452	2467	-576	11117	0	11117	1678	12795	50.02
6	3515	209	255	3979	1606	3819	0	2518	2652	-615	11441	0	11441	1751	13192	49.99
7	3705	530	255	4490	1453	4109	3	2819	2639	-667	12027	0	12027	1808	13835	49.98
8	3727	213	252	4192	1424	4169	16	3499	3370	-804	12367	0	12367	1945	14312	50.00
9	3752	244	225	4221	1460	4181	39	3800	3917	-1086	12732	0	12732	2254	14986	50.00
10	3737	311	248	4296	1380	4212	68	4133	4116	-1291	12781	0	12781	2535	15316	50.02
11	3719	307	249	4275	1660	4198	46	3819	4006	-1331	12854	0	12854	2746	15600	50.01
12	3756	261	239	4256	1795	4228	55	3693	3392	-1195	12531	0	12531	2771	15302	49.97
13	3637	84	246	3967	2036	4162	64	3691	2999	-1238	11990	0	11990	2739	14729	50.01
14	3576	84	236	3896	2028	3885	91	3535	2877	-1208	11569	0	11569	2610	14179	49.95
15	3573	159	233	3965	2072	3828	54	2673	2879	-1279	11519	0	11519	2638	14157	49.95
16	3611	194	254	4059	1917	3813	48	2859	3046	-1250	11633	0	11633	2621	14254	49.97
17	3589	219	237	4045	2039	3818	47	2638	2905	-1255	11599	0	11599	2606	14205	49.98
18	3619	225	245	4089	2205	3803	21	2484	2508	-1243	11383	0	11383	2590	13973	49.87
19	3587	263	249	4099	2039	3796	5	3343	3291	-1240	11990	0	11990	2537	14527	50.00
20	3496	491	239	4226	1903	3926	0	3889	3929	-1241	12743	0	12743	2561	15304	49.89
21	3541	432	249	4222	2116	4030	0	3789	3806	-1305	12869	0	12869	2558	15427	49.90
22	3632	200	240	4072	1852	4220	0	3451	3595	-1302	12437	0	12437	2444	14881	49.92
23	3640	184	249	4073	1812	4240	0	3263	3063	-1119	12069	0	12069	2313	14382	49.93
24	3567	139	250	3956	1880	3951	0	3677	2928	-1059	11656	0	11656	2209	13865	49.95
MUs	86.38	5.24	5.90	97.53	43.15	95.23	0.56	74.86	73.64	-25.07	285.03	0.00	285.03	54.98	340.01	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 06/Jul/2016

Position as on 6.30 Hrs of 07/Jul/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	
IPP	JSW (J) U3	300	21/06/2016	18.15		Continued.	Capital Overhaul	
MSPGCL	Khaparkheda Unit 1	210	25/06/2016	23.45		Continued.	A.O.H.	
MSPGCL	Koyna Unit 8	80	29/06/2016	08.20		Continued.	Turbine Maintenance Work.	
MSPGCL	Koyna STG- IV Unit - 1	250	29/06/2016	09.00		Continued.	Attending Servo Motor Oil Leakage(15 Days).	
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	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vacuum	
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.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No consent to operate	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 00.00Hrs dt.19-6-16)	
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.	
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	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	30/06/2016	10.11		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Jul/2016

Position as on 6.30 Hrs of 07/Jul/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 5	200	01/07/2016	02.23		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Koradi Unit 7	210	01/07/2016	04.43		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	01/07/2016	18.40		Continued.	Zero Schedule	
MSPGCL	Bhusawal Unit 4	500	01/07/2016	23.55		Continued.	Zero Schedule	
MSPGCL	Bhusawal Unit 5	500	01/07/2016	23.59		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 9	500	02/07/2016	07.26		Continued.	M.S.Temp.Low.	
MSPGCL	Khaparkheda Unit 2	210	05/07/2016	23.46		Continued.	Zero Shedule Given By MSEDCL.	
MSPGCL	Khaparkheda Unit 3	210	05/07/2016	23.52		Continued.	Zero Shedule Given By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jul/2016

Statement-VII

Position as on 6.30 Hrs of 07/Jul/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	02/07/2016	00.22		Continued.	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	04/07/2016	21.00	06/07/2016	09.36	HT	Over Voltage
Kolhapur Solapur (PG) I	InterState	06/07/2016	12.24		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	07/07/2016	03.55		Continued.	T	Over Voltage
Karad-Jaigad - I	IntraState	23/06/2016	13.12		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/06/2016	14.08		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	01/07/2016	18.00		Continued.	HT	To control Load on Padgha-BBLSR Line
Bhusawal-Aurangabad	IntraState	02/07/2016	16.24		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	05/07/2016	08.36		Continued.	PO	Annual Maintenance Work
Lonikand I - Koyna stage-IV	IntraState	05/07/2016	13.15	06/07/2016	07.34	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	06/07/2016	01.10	06/07/2016	07.48	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/07/2016	22.25		Continued.	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	07/07/2016	01.21		Continued.	EO	Breaker work at New Koyna
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	24/06/2016	19.25		Continued.	PO	shifted on TBC for main bus 1&2 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 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.
Aurangabad (Waluj)-Bhenda	IntraState	22/06/2016	23.02		Continued.	HT	Hand Tripped.
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Trombay Salsette 1 Backbay	IntraState	29/06/2016	11.05		Continued.	HT	To Control Kalwa-Salsette-6 Line Loading.
Pedhambe - Oni	IntraState	06/07/2016	12.15	06/07/2016	16.15	PO	Testing Work
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)
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	06/07/2016	11.48	06/07/2016	14.58	PO	Checking of Fire Detector system
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 1 Line	IntraState	29/06/2016	11.28		Continued.	HT	To Control Kalwa-Salsette-6 Line Loading.
Vasai-Ii - Vasai 2 Line	IntraState	29/06/2016	11.30		Continued.	HT	To Control Kalwa-Salsette-6 Line Loading.

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