

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jun/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.331	3107.686	1) Gujrat	-9.050	-111.666
2) Hydro	3.972	98.162	2) Madhya Pradesh	6.342	248.054
3) Gas	7.957	212.225	3) Chattisgarh	5.500	178.830
Total MSPGCL	127.260	3418.073	4) Maharashtra Net	80.918	2667.606
B) 1) APML	11.387	316.608	5) Goa (Amona)	-0.754	-17.684
2) JSWEL	18.123	497.243	6) TAPS 1&2 Injection	3.740	90.279
3) VIPL	10.084	290.997	7) RGPPL Injection	12.131	287.167
4) RPL(AMT)	13.863	443.272	8) Pench (MS)	0.155	1.582
5) WPCL	4.206	96.797	9) Pench (Excess)	-0.155	-1.582
6) Other IPP	3.742	112.098	Total	98.672	3341.004
C) 1) TPCL Thermal	12.402	401.869	a) Mumbai Schedule	19.988	657.445
2) TPCL Hydro	1.261	61.960	b) Mumbai Drawl	26.373	824.491
3) TPCL Gas	3.766	87.537	c) MSEDCL Bilateral *	34.460	905.605
4) R-INFRA Thermal	9.648	282.128	Include PX	-0.562	13.710
D) STATE			d) Mumbai Bilateral *	19.988	657.445
1) Thermal	198.786	5548.698	Include PX	0.819	140.843
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	5.233	160.122	H) ENERGY CATERED (MUs)		
3) Gas	11.723	299.762	1) MSEDCL	300.071	8428.069
4) Wind	38.081	711.272	2) Mumbai Discoms	53.450	1658.010
6) SOLAR	1.026	25.196	TOTAL STATE	353.521	10086.079
TOTAL STATE	254.849	6745.050			

* 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 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4755	4782	4787	4863
MSPGCL Hydro	130	175	194	46
MSPGCL Gas	347	365	341	294
MSPGCL Total Generation	5232	5322	5322	5203
Central Sector Receipt	4816	4290	5675	3036
WIND	1581	1755	1457	1519
CPP / IPP	2630	2613	2560	2525
SOLAR	101	124	0	0
Exchange with Mumbai	-1244	-1360	-1246	-712
MSEDCL DEMAND MET	13116	12744	13768	11571
Load Shedding	0	0	0	0
MSEDCL DEMAND	13116	12744	13768	11571
TPCL GENERATION	730	878	755	668
R-INFRA GENERATION	402	402	402	402
MUMBAI DEMAND	2376	2640	2403	1782
STATE DEMAND MET	15492	15384	16171	13353
STATE DEMAND	15492	15384	16171	13353
Frequency (Hz)	50.00	49.94	49.85	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.02 Hrs	49.7 Hz at 21.13 Hrs	49.96	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/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.04	63.70	140	95
Unit 6	0.00	0.00	0	0
Unit 7	3.50	89.97	155	135
Unit 8	10.76	283.52	482	410
Total	17.30	437.20		
Bhusawal				
Unit 2	0.00	42.14	0	0
Unit 3	3.88	96.54	165	155
Unit 4	8.66	208.54	365	355
Unit 5	8.66	241.55	370	350
Total	21.20	588.76		
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	4.05	88.68	173	164
Unit 4	3.98	105.12	170	164
Unit 5	8.74	219.88	370	354
Unit 6	8.81	243.16	380	353
Unit 7	8.76	219.30	373	359
Unit 8	0.00	43.57	0	0
Total	34.34	919.72		
Paras				
Unit 3	4.82	137.50	210	192
Unit 4	4.88	134.22	220	188
Total	9.70	271.73		
Khaparkheda				
Unit 1	3.38	88.32	160	85
Unit 2	3.83	95.47	170	145
Unit 3	4.22	98.73	185	166
Unit 4	3.92	97.59	167	159
Unit 5	9.38	220.86	400	385
Total	24.73	600.98		
Nasik				
Unit 3	4.02	91.44	170	165
Unit 4	0.00	74.62	0	0
Unit 5	4.05	103.50	175	165
Total	8.07	269.57		
Uran				
All Units	7.96	212.22	366	250
Total	7.96	212.22		
PENCH (MS)				
Pench (MS)	0.16	1.58	44	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	1.58		
Koyna				
Stage 1-2	1.33	34.04	300	40
Stage 4	0.10	11.70	100	0
Stage 3	0.32	12.49	80	0
Total	1.75	58.24		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.66	6.34	59	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	4.10	40	0
RNGR+BHTSA	0.14	3.78	6	5
BHANDARDRA	0.00	0.11	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.58	0	0
GHATGHAR	1.27	21.42	215	0
Total	2.23	39.93		
Wind				
Total	38.08	711.27	0	0
Total	38.08	711.27		
CPP				
APML(Mus)	11.39	316.61	0	0
JSWEL(Mus)	18.12	497.24	0	0
VIPL(Mus)	10.08	291.00	0	0
RPLAMT(Mus)	13.86	443.27	0	0
WPCL(Mus)	4.21	96.80	0	0
Other(Mus)	3.74	112.10	0	0
Total	61.40	1757.02		
SOLAR				
Total	1.03	25.20	0	0
Total	1.03	25.20		
Tata				
Trombay 5	8.63	261.90	492	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.36	54.16	115	79
Trombay 7B	1.41	33.38	64	53
Trombay 8	3.77	139.96	206	105
TATA Hydro	1.26	61.96	172	31
Total	17.43	551.37		
R-INFRA				
1-2	9.65	282.13	403	401
Total	9.65	282.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	1.37	MSPGCL Thermal	115.33	3107.69	MSPGCL Total	127.26	3418.07
Koradi 9	0.00	18.36	MSPGCL Thml+Gas	123.29	3319.91	Koyna 1,2 & 4 Total	1.43	45.74
Parli 8	0.00	0.00	MSPGCL Hydro	3.97	98.16	State Total	254.85	6745.05

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4848	136	250	5234	1312	2520	0	4464	3699	-995	11770	0	11770	2058	13828	49.98
2	4847	51	267	5165	1460	2532	0	3895	3476	-830	11803	0	11803	1897	13700	49.99
3	4863	46	294	5203	1519	2525	0	3560	3036	-712	11571	0	11571	1782	13353	49.95
4	4885	46	313	5244	1437	2526	0	3524	3095	-665	11637	0	11637	1732	13369	49.94
5	4867	56	316	5239	1513	2524	0	3430	3187	-664	11799	0	11799	1731	13530	49.94
6	4881	51	325	5257	1517	2520	0	3612	3676	-726	12244	0	12244	1798	14042	50.00
7	4857	51	366	5274	1553	2527	2	4837	4158	-798	12716	0	12716	1854	14570	50.00
8	4804	80	353	5237	1656	2531	21	4432	4479	-894	13030	0	13030	1948	14978	49.99
9	4762	115	343	5220	1635	2596	41	4744	4683	-1088	13087	0	13087	2147	15234	50.01
10	4755	130	347	5232	1581	2630	101	5273	4816	-1244	13116	0	13116	2376	15492	50.00
11	4753	270	353	5376	1711	2636	169	5111	4182	-1467	12607	0	12607	2660	15267	50.00
12	4751	280	348	5379	1704	2664	156	4940	4044	-1401	12546	0	12546	2685	15231	49.94
13	4782	175	365	5322	1755	2613	124	4842	4290	-1360	12744	0	12744	2640	15384	49.94
14	4811	83	340	5234	1697	2539	115	4641	4029	-1267	12347	0	12347	2510	14857	49.95
15	4829	51	330	5210	1636	2538	116	4064	4295	-1216	12579	0	12579	2471	15050	49.97
16	4809	154	342	5305	1754	2533	84	4083	4162	-1192	12646	0	12646	2438	15084	49.97
17	4769	332	327	5428	1948	2543	68	3934	3743	-1194	12536	0	12536	2436	14972	49.99
18	4779	170	344	5293	1995	2526	24	3794	3517	-1282	12073	0	12073	2415	14488	50.01
19	4793	465	329	5587	1856	2539	5	3238	3316	-1293	12010	0	12010	2385	14395	49.93
20	4772	120	327	5219	1558	2556	0	4597	4925	-1229	13029	0	13029	2419	15448	49.85
21	4787	194	341	5322	1457	2560	0	4978	5675	-1246	13768	0	13768	2403	16171	49.85
22	4808	272	336	5416	1483	2560	0	4798	4667	-1246	12880	0	12880	2336	15216	49.87
23	4784	314	348	5446	1224	2549	0	4674	4560	-1236	12543	0	12543	2222	14765	49.90
24	4735	330	353	5418	1120	2618	0	4497	4962	-1128	12990	0	12990	2107	15097	49.98
MUs	115.33	3.97	7.96	127.26	38.08	61.41	1.03	103.96	98.67	-26.37	300.07	0.00	300.07	53.45	353.52	49.96

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/2016

Position as on 6.30 Hrs of 26/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 25/Jun/2016

Position as on 6.30 Hrs of 26/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	24/06/2016	20.41	25/06/2016	06.03	Surge Prot.operated	
MSPGCL	Uran Unit 8	108	24/06/2016	20.41	25/06/2016	01.02	Surge Prot.operated	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 25/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 26/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/Tripping							
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/Tripping							
Dhule Sar'Sarovar I	InterState	23/06/2016	17.36		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	24/06/2016	11.15	25/06/2016	06.46	HT	Over Voltage
Talegaon PG-Aurangabad-I	InterState	24/06/2016	21.27	25/06/2016	19.56	PO	Stringing of 765KV A'Bad-Padgha line by PGCIL
Talegaon PG - Aurangabad - II	InterState	24/06/2016	22.03	25/06/2016	20.30	PO	Stringing of 765KV A'Bad-Padgha line by PGCIL
Kolhapur Solapur (PG) II	InterState	25/06/2016	10.43	26/06/2016	07.14	PO	Annual Maintenance Work
Koradi Satpur	InterState	25/06/2016	14.58	25/06/2016	21.42	T	Distance Protection
Kolhapur Solapur (PG) II	InterState	26/06/2016	16.36		Continued.	HT	Over Voltage
Ektuni-Bableshwar 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-I	IntraState	24/06/2016	13.54	25/06/2016	10.34	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	24/06/2016	20.09	25/06/2016	07.44	HT	due to sparking on isolator B phase at A'BAD end
Lonikand I - Koyna stage-IV	IntraState	24/06/2016	22.31	25/06/2016	09.34	HT	Over Voltage
Main Bus-I @ Koradi-II	IntraState	25/06/2016	08.25	25/06/2016	20.03	PO	Annual Maintenance Work
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		Continued.	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/Tripping							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	24/06/2016	19.25		Continued.	PO	shifted on TBC for main bus 1&2 outage
400/220/33 Kv 315 MVA ICT II @Chandrapur	IntraState	25/06/2016	08.16	25/06/2016	19.26	PO	OLTC And Testing Work.
400/220 Kv 600 MVA ICT-IV @Padghe	IntraState	25/06/2016	08.55	25/06/2016	09.47	T	PDR HV Side. Charge On TBC.
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/Tripping							
Nasik Navsari II	InterState	25/06/2016	20.45	25/06/2016	21.25	T	Tripped From Navsari End, A/R Succesful.
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).

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 25/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 26/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Aurangabad (Waluj)-Bhenda	IntraState	22/06/2016	23.02		Continued.	HT	Hand Tripped.
Niwali - Pawas Line	IntraState	25/06/2016	11.25	25/06/2016	11.50	T	Distance Protection
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 strengthening 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)
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	25/06/2016	01.12	25/06/2016	19.00	T	Tripped.
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	25/06/2016	06.50	25/06/2016	08.40	EO	Hot Spot Work.
132 KV LINE Outages/Trippings							
Kalmeshwar-Saoner 2	IntraState	25/06/2016	20.21	26/06/2016	07.52	T	Distance Protection
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

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