

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jul/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	81.503	2490.108	1) Gujrat	5.544	15.071
2) Hydro	5.862	160.279	2) Madhya Pradesh	21.132	420.712
3) Gas	9.012	217.546	3) Chattisgarh	7.830	195.100
Total MSPGCL	96.377	2867.933	4) Maharashtra Net	79.088	2158.755
B) 1) APML	48.712	1403.239	5) Goa (Amona)	-0.528	-11.286
2) JSWEL	14.014	322.123	Total	113.066	2778.352
3) VIPL	5.553	147.503	a) Mumbai Schedule	22.582	527.145
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	31.350	697.207
5) WPCL	4.383	74.532	c) MSEDCL Bilateral *	10.082	463.002
6) PGPL	0.000	0.000	Include PX	-3.463	22.988
7) Other IPP	3.341	76.544	d) Mumbai Bilateral *	22.582	527.145
C) 1) TPCL Thermal	13.356	332.169	Include PX	7.489	161.142
2) TPCL Hydro	6.284	118.783	Include Standby	0.000	0.000
3) TPCL Gas	0.000	79.119	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.553	251.088	1) MSEDCL	318.666	8199.126
D) STATE			2) Mumbai Discoms	60.543	1478.359
1) Thermal	180.415	5097.306	TOTAL STATE	379.209	9677.485
(A1+C1+C4+(B1-B6))					
2) Hydro	12.146	279.062			
(A2+C2)					
3) Gas	9.012	296.665			
(A3+B6+C3)					
4) Wind	62.921	1184.792			
6) SOLAR	1.649	41.315			
TOTAL STATE	266.143	6899.140			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3464	3476	3981	3038
MSPGCL Hydro	315	140	280	127
MSPGCL Gas	379	374	373	365
MSPGCL Total Generation	4158	3990	4634	3530
Central Sector Receipt	5030	5235	5064	3652
WIND	2794	2760	2316	2521
CPP / IPP Thermal	3815	2914	3526	2907
CPP / IPP Gas	0	0	0	0
SOLAR	114	196	0	0
Exchange with Mumbai	-1359	-1742	-1319	-772
MSEDCL DEMAND MET	14552	13354	14221	11839
Load Shedding	0	0	0	0
MSEDCL DEMAND	14552	13354	14221	11839
TPCL GENERATION	768	898	1090	599
R-INFRA GENERATION	483	384	384	387
MUMBAI DEMAND	2610	3024	2793	1758
STATE DEMAND MET	17162	16378	17014	13597
STATE DEMAND	17162	16378	17014	13597
Frequency (Hz)	50.04	50.01	49.93	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.00 Hrs	49.8 Hz at 19.13 Hrs	49.99	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/Jul/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.70	220.56	360	243
Unit 9	7.12	214.00	332	271
Unit 10	10.48	235.52	600	288
Total	25.30	670.08		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	52.33	0	0
Unit 5	0.00	22.97	0	0
Total	0.00	75.29		
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
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	2.62	2.92	175	50
Unit 4	3.09	105.38	140	121
Unit 5	0.00	194.55	0	0
Unit 6	9.00	234.02	410	354
Unit 7	9.14	238.38	433	357
Unit 8	9.53	220.49	500	360
Unit 9	9.36	230.46	483	352
Total	42.75	1226.20		
Paras				
Unit 3	4.82	126.19	240	188
Unit 4	4.66	38.31	220	187
Total	9.47	164.50		
Khaparkheda				
Unit 1	0.00	13.54	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	16.68	0	0
Unit 4	0.00	21.01	0	0
Unit 5	0.00	140.20	0	0
Total	0.00	191.44		
Nasik				
Unit 3	3.98	62.08	190	160
Unit 4	0.00	41.20	0	0
Unit 5	0.00	59.31	0	0
Total	3.98	162.59		
Uran				
All Units	9.01	217.55	390	361
Total	9.01	217.55		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.02	3.28	16	0
Total	0.02	3.28		
Koyna				
Stage 1-2	1.89	62.64	420	40
Stage 4	0.08	20.15	58	0
Stage 3	1.39	37.29	160	0
Total	3.36	120.09		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.23	3.36	61	0
TILLARI	0.35	6.28	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.47	10.57	40	0
RNGR+BHTSA	0.42	1.07	18	17
BHANDARDRA	0.49	10.63	27	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	2.85	23	22
GHATGHAR	0.00	5.44	0	0
Total	2.50	40.19		
Wind				
Total	62.92	1184.79	0	0
Total	62.92	1184.79		
CPP				
APML(Mus)	48.71	1403.24	0	0
JSWEL(Mus)	14.01	322.12	0	0
VIPL(Mus)	5.55	147.50	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.38	74.53	0	0
Other(Mus)	3.34	76.54	0	0
Total	76.00	2023.94		
SOLAR				
Total	1.65	41.32	0	0
Total	1.65	41.32		
Tata				
Trombay 5	8.35	212.85	476	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	49.72	0	0
Trombay 7B	0.00	29.40	0	0
Trombay 8	5.00	119.32	245	197
TATA Hydro	6.28	118.78	414	60
Total	19.64	530.07		
R-INFRA				
DTPS U-1&2	9.55	251.09	498	383
Total	9.55	251.09		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	81.50	2490.11	MSPGCL Total	96.38	2867.93
			MSPGCL Thml+Gas	90.52	2707.65	Koyna 1,2 & 4 Total	1.97	82.79
			MSPGCL Hydro	5.86	160.28	State Total	266.14	6899.14

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/Jul/2017

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			THM	GAS										
1	3077	124	386	3587	2680	3117	0	0	3962	4096	-1116	12364	0	12364	2089	14453	50.03
2	3063	108	374	3545	2836	2911	0	0	3498	3746	-951	12087	0	12087	1913	14000	49.98
3	3052	133	376	3561	2758	2895	0	0	3337	3701	-852	12063	0	12063	1815	13878	49.96
4	3038	127	365	3530	2521	2907	0	0	3271	3652	-772	11839	0	11839	1758	13597	49.99
5	2998	127	386	3511	2870	2900	0	0	3681	4037	-779	12539	0	12539	1771	14310	50.00
6	3121	147	375	3643	2381	3138	0	0	4162	4577	-847	12892	0	12892	1845	14737	49.99
7	3346	659	375	4380	2605	3460	0	13	4682	4830	-870	14418	0	14418	2072	16490	49.99
8	3401	306	390	4097	2520	3805	0	72	4906	4967	-948	14514	0	14514	2242	16756	50.06
9	3464	315	379	4158	2794	3815	0	114	5165	5030	-1359	14552	0	14552	2610	17162	50.04
10	3294	307	367	3968	2776	3341	0	185	5297	5295	-1559	14006	0	14006	2843	16849	50.00
11	3261	293	383	3937	2729	3130	0	200	5377	5285	-1821	13460	0	13460	3114	16574	50.01
12	3383	218	372	3973	2734	3050	0	191	5389	5395	-1833	13510	0	13510	3125	16635	50.00
13	3476	140	374	3990	2760	2914	0	196	5048	5235	-1742	13354	0	13354	3024	16378	50.01
14	3478	138	386	4002	2806	2906	0	185	4711	5054	-1632	13322	0	13322	2923	16245	50.05
15	3469	308	361	4138	2675	2881	0	183	4602	4936	-1661	13152	0	13152	2952	16104	49.98
16	3473	143	371	3987	2721	2919	0	155	4945	5223	-1668	13337	0	13337	2959	16296	50.00
17	3486	181	373	4040	2671	2981	0	93	4582	5030	-1662	13153	0	13153	2955	16108	50.02
18	3509	218	373	4100	2644	2981	0	52	4354	4777	-1601	12953	0	12953	2894	15847	50.01
19	3668	238	374	4280	2717	3077	0	10	4636	4965	-1474	13575	0	13575	2786	16361	49.98
20	3981	280	373	4634	2316	3526	0	0	4708	5064	-1319	14221	0	14221	2793	17014	49.93
21	3973	314	374	4661	2369	3732	0	0	4665	4711	-1234	14238	0	14238	2734	16972	49.93
22	3747	304	375	4426	2320	3343	0	0	4549	4650	-1204	13535	0	13535	2562	16097	49.94
23	3399	419	374	4192	2359	3152	0	0	4313	4602	-1217	13088	0	13088	2469	15557	49.92
24	3346	315	376	4037	2359	3119	0	0	4123	4207	-1229	12494	0	12494	2295	14789	49.99
MUs	81.50	5.86	9.01	96.38	62.92	76.00	0.00	1.65	107.96	113.07	-31.35	318.67	0.00	318.67	60.54	379.21	49.99

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/Jul/2017

Position as on 6.30 Hrs of 26/Jul/2017

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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Khaparkheda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
IPP	JSW (J) U4	300	04/07/2017	20.41		Continued.	Annual Overhaul	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
IPP	Adani U-3	660	14/07/2017	23.48		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	15/07/2017	05.59		Continued.	Zero Schedule By MSEDCL (Converted to AOH from 00:00Hrs of 20.07.2017)	
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	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure(converted to Zero Schedule from 00.00Hrs DT.13th Jun 17)	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swapping with unit-5(converted to Zero Schedule from 00.00Hrs DT.15th Jun 17)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Jul/2017

Position as on 6.30 Hrs of 26/Jul/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01		Continued.	Zero Schedule By MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 6	250	14/06/2017	00.02		Continued.	Zero schedule by MSEDCL.	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 4	210	10/07/2017	14.28		Continued.	Boiler validity extention.on date 12/07/2017 converted zero schedule	
MSPGCL	Khaparkheda Unit 1	210	11/07/2017	23.53		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	12/07/2017	08.40		Continued.	Boiler Tube Leakage. on date 13.07.2017 converted to zero schedule.	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule.	
MSPGCL	Koyna Unit 10	80	15/07/2017	19.15		Continued.	Tripped due to GT Got Fire	
MSPGCL	Nasik Unit 5	210	16/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 4	500	17/07/2017	23.46		Continued.	Zero Schedule By MSEDCL	
TPC-G	Trombay 7B	60	21/07/2017	23.20		Continued.	Gas Path Inspection and CW Tunnel repairs (For 8 Days)	
TPC-G	Trombay 7A	120	22/07/2017	02.51		Continued.	Gas Path Inspection and CW Tunnel repairs (For 8 Days)	
MSPGCL	Chandrapur Unit 5	500	22/07/2017	22.39		Continued.	Air Pre-Heater Basket Replacement.	
MSPGCL	Khaparkheda Unit 5	500	25/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 6	108	26/07/2017	00.45		Continued.	Air filter replacement work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 26/Jul/2017

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar II	InterState	12/07/2017	20.45	25/07/2017	08.02	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	25/07/2017	17.06		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/07/2017	21.48		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/07/2017	18.11		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	To control load
karad -kolhapur-I	IntraState	20/07/2017	09.38		Continued.	HT	Over Voltage
Kalwa - Kharghar	IntraState	25/07/2017	00.38	25/07/2017	16.28	HT	Heavy Sparking
Padghe - Kalwa-II	IntraState	25/07/2017	07.20	25/07/2017	08.00	PO	Attending Hot Spot
Lonikand 1 -Jejuri	IntraState	25/07/2017	07.25	25/07/2017	19.17	PO	AR out.
Padghe - Kalwa-II	IntraState	25/07/2017	08.00	25/07/2017	09.28	PO	Taken on TBC.
Padghe(HVDC)- Padghe(HVAC)-I	IntraState	25/07/2017	12.30	25/07/2017	14.46	PO	heavy spark on HVDC.
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	25/07/2017	13.26		Continued.	T	Distance Protection
Alkud-Kolhapur(Talandage)	IntraState	25/07/2017	15.05	25/07/2017	18.50	PO	MAIN BUS 1 OUTAGE.
Babhaleshtar - Padghe-II	IntraState	25/07/2017	18.47	25/07/2017	13.42	PO	Taken on TBC.
Padghe - Kalwa-II	IntraState	26/07/2017	05.52		Continued.	EO	Attending Hot Spot
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Nanded-Ghatodi	IntraState	05/07/2017	16.34	25/07/2017	10.54	HT	HT in view of partly ICT U/O.
Karad - Sadawagpur I	IntraState	21/07/2017	11.07		Continued.	T	Distance Protection
Shivajinagar-Gangapur	IntraState	24/07/2017	15.24	25/07/2017	14.41	T	Tripped at Gangapur end
Bombay Dyeing - Sahara	IntraState	24/07/2017	21.15	25/07/2017	17.06	T	Distance Protection
Kalwa - Siemens	IntraState	25/07/2017	09.02	25/07/2017	17.18	PO	making scaffolding.
Kharepatan-Pedambeline	IntraState	25/07/2017	09.55		Continued.	PO	Jumper removal work.
Pusad-Ghatodi	IntraState	25/07/2017	10.18	25/07/2017	19.41	T	In view of 220kv yavatmal-pusad ckt U/O.
Adlabs - Pedambe	IntraState	25/07/2017	11.05	25/07/2017	18.38	EO	Emergency tree cutting work.
Yeotmal- Pusad	IntraState	25/07/2017	11.05	25/07/2017	19.31	PO	fixing of r- ph.
Gadchandur - Virur-I	IntraState	25/07/2017	11.30	25/07/2017	14.00	PO	Replacement of flasher disk.
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)
220/33kV 100 MVA Transformer 3 @Versova R/S	IntraState	25/07/2017	09.27	25/07/2017	18.37	PO	Isolator replacement work.
220/33kV 125 MVA Transformer 2 @Gorai R/S	IntraState	25/07/2017	11.20	25/07/2017	13.18	PO	Routine Maintenance Work

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/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 26/Jul/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Amalner(220kv)-Chopda	IntraState	25/07/2017	10.10	25/07/2017	15.50	PO	To connect jumper to newly constructed ckt.
Pusad-Jambazar	IntraState	25/07/2017	10.20	25/07/2017	19.46	T	In view of 220kv pusad -yavatmal ckt U/O.
Cosmofilms-Badnapur	IntraState	25/07/2017	11.40	25/07/2017	11.50	T	Distance Protection