

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Jul/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.014	541.512	1) Gujrat	0.400	1.392
2) Hydro	7.075	35.743	2) Madhya Pradesh	19.862	103.296
3) Gas	9.257	41.245	3) Chattisgarh	8.800	52.720
Total MSPGCL	113.346	618.500	4) Maharashtra Net	97.063	513.490
B) 1) APML	54.682	382.177	5) Goa (Amona)	-0.462	-2.596
2) JSWEL	11.290	55.975	Total	125.663	668.302
3) VIPL	7.490	36.986	a) Mumbai Schedule	24.396	126.425
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.107	172.053
5) WPCL	5.081	24.197	c) MSEDCL Bilateral *	21.246	106.640
6) PGPL	0.000	0.000	Include PX	2.418	6.784
7) Other IPP	2.492	17.066	d) Mumbai Bilateral *	24.396	126.425
C) 1) TPCL Thermal	17.096	78.023	Include PX	8.414	38.925
2) TPCL Hydro	4.689	28.651	Include Standby	0.000	0.000
3) TPCL Gas	3.638	19.606	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.680	61.719	1) MSEDCL	340.073	1940.646
D) STATE			2) Mumbai Discoms	64.209	360.052
1) Thermal	206.825	1197.655	TOTAL STATE	404.282	2300.698
(A1+C1+C4+(B1-B6))					
2) Hydro	11.764	64.394			
(A2+C2)					
3) Gas	12.895	60.851			
(A3+B6+C3)					
4) Wind	45.075	299.625			
6) SOLAR	2.061	9.871			
TOTAL STATE	278.620	1632.396			

* 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 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3997	4155	4345	3695
MSPGCL Hydro	190	95	673	73
MSPGCL Gas	388	376	392	384
MSPGCL Total Generation	4575	4626	5410	4152
Central Sector Receipt	6081	5963	5668	4039
WIND	2086	2054	1551	1867
CPP / IPP Thermal	3384	3384	3378	3358
CPP / IPP Gas	0	0	0	0
SOLAR	279	257	0	0
Exchange with Mumbai	-1523	-1520	-1192	-688
MSEDCL DEMAND MET	14882	14764	14815	12728
Load Shedding	0	0	0	0
MSEDCL DEMAND	14882	14764	14815	12728
TPCL GENERATION	1262	1239	1083	859
R-INFRA GENERATION	495	497	499	497
MUMBAI DEMAND	3280	3256	2774	2044
STATE DEMAND MET	18162	18020	17589	14772
STATE DEMAND	18162	18020	17589	14772
Frequency (Hz)	50.01	50.03	49.92	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 08.00 Hrs	49.79 Hz at 21.07 Hrs	50.01	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/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	11.14	55.33	558	380
Unit 9	9.91	49.66	483	320
Unit 10	7.91	46.32	450	244
Total	28.96	151.31		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
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	0.00	0.00	0	0
Unit 4	4.58	26.27	194	186
Unit 5	9.32	55.11	410	375
Unit 6	10.08	57.25	435	364
Unit 7	10.17	58.91	444	394
Unit 8	8.53	56.12	380	320
Unit 9	8.49	55.84	379	316
Total	51.16	309.50		
Paras				
Unit 3	5.68	31.41	244	229
Unit 4	0.00	0.00	0	0
Total	5.68	31.41		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	1.84	1.84	172	0
Unit 5	0.13	0.13	76	0
Total	1.96	1.96		
Nasik				
Unit 3	0.00	0.49	0	0
Unit 4	4.68	25.26	205	160
Unit 5	4.56	21.57	199	164
Total	9.24	47.32		
Uran				
All Units	9.26	41.24	402	364
Total	9.26	41.24		
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)	0.21	1.43	48	0
Total	0.21	1.43		
Koyna				
Stage 1-2	2.84	15.61	510	40
Stage 4	1.82	5.11	420	0
Stage 3	1.83	7.72	240	0
Total	6.48	28.44		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.34	0	0
TILLARI	0.00	1.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	2.56	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.09	1.40	26	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.07	0.10	4	3
GHATGHAR	0.00	1.67	0	0
Total	0.59	7.30		
Wind				
Total	45.08	299.62	0	0
Total	45.08	299.62		
CPP				
APML(Mus)	54.68	382.18	0	0
JSWEL(Mus)	11.29	55.98	0	0
VIPL(Mus)	7.49	36.99	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.08	24.20	0	0
Other(Mus)	2.49	17.07	0	0
Total	81.04	516.40		
SOLAR				
Total	2.06	9.87	0	0
Total	2.06	9.87		
Tata				
Trombay 5	11.24	53.70	490	366
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.24	12.13	115	72
Trombay 7B	1.39	7.47	65	52
Trombay 8	5.85	24.32	248	239
TATA Hydro	4.69	28.65	384	0
Total	25.42	126.28		
R-INFRA				
DTPS U-1&2	11.68	61.72	499	392
Total	11.68	61.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	97.01	541.51	MSPGCL Total	113.35	618.50
			MSPGCL Thml+Gas	106.27	582.76	Koyna 1,2 & 4 Total	4.66	20.72
			MSPGCL Hydro	7.08	35.74	State Total	278.62	1632.40

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	3676	422	392	4490	1929	3357	0	0	4583	4744	-988	13532	0	13532	2340	15872	49.99
2	3720	74	382	4176	1936	3352	0	0	4326	4365	-810	13019	0	13019	2169	15188	50.02
3	3695	73	384	4152	1867	3358	0	0	3877	4039	-688	12728	0	12728	2044	14772	50.03
4	3700	108	393	4201	1944	3354	0	0	3874	4054	-617	12936	0	12936	1961	14897	50.00
5	3709	111	371	4191	1777	3368	0	0	4232	4244	-585	12995	0	12995	1939	14934	49.98
6	3706	243	383	4332	1869	3387	0	0	4815	5143	-644	14087	0	14087	2030	16117	50.01
7	3730	559	393	4682	1768	3386	0	19	5426	5549	-720	14684	0	14684	2130	16814	50.02
8	3782	867	386	5035	1735	3391	0	66	5530	5983	-864	15346	0	15346	2299	17645	50.09
9	3802	613	395	4810	1803	3387	0	125	5782	6080	-1093	15112	0	15112	2612	17724	50.06
10	3805	341	383	4529	1958	3390	0	179	5856	5717	-1309	14464	0	14464	3017	17481	50.05
11	3896	241	381	4518	2052	3382	0	246	5787	5908	-1400	14706	0	14706	3161	17867	50.04
12	3997	190	388	4575	2086	3384	0	279	6051	6081	-1523	14882	0	14882	3280	18162	50.01
13	4155	95	376	4626	2054	3384	0	257	5888	5963	-1520	14764	0	14764	3256	18020	50.03
14	4218	48	364	4630	2148	3379	0	259	5624	5716	-1447	14685	0	14685	3135	17820	49.99
15	4303	43	374	4720	2071	3382	0	222	5416	5840	-1432	14803	0	14803	3178	17981	49.99
16	4319	293	377	4989	2160	3374	0	174	5193	5572	-1454	14815	0	14815	3193	18008	50.02
17	4367	148	390	4905	2233	3378	0	135	4833	5128	-1388	14391	0	14391	3134	17525	50.04
18	4268	43	381	4692	1962	3366	0	77	4793	5022	-1379	13740	0	13740	2970	16710	50.02
19	4283	136	392	4811	1969	3384	0	23	4476	4647	-1354	13480	0	13480	2883	16363	50.03
20	4335	347	400	5082	1709	3362	0	0	4919	5324	-1256	14221	0	14221	2859	17080	49.94
21	4345	673	392	5410	1551	3378	0	0	4847	5668	-1192	14815	0	14815	2774	17589	49.92
22	4331	733	392	5456	1336	3373	0	0	4764	4966	-1093	14038	0	14038	2685	16723	49.93
23	4416	427	402	5245	1579	3402	0	0	4825	4947	-1140	14033	0	14033	2616	16649	50.00
24	4456	247	386	5089	1579	3376	0	0	4777	4963	-1211	13796	0	13796	2545	16341	50.05
MUs	97.01	7.07	9.26	113.35	45.08	81.04	0.00	2.06	120.49	125.66	-27.11	340.07	0.00	340.07	64.21	404.28	50.01

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/2017

Position as on 6.30 Hrs of 07/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	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
MSPGCL	Khaparkheda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 4	250	21/06/2017	00.04		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	
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)	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Jul/2017

Position as on 6.30 Hrs of 07/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-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	Bhusawal Unit 4	500	24/06/2017	00.38		Continued.	Hydrogen Gas Leakage.	
MSPGCL	Bhusawal Unit 5	500	26/06/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	26/06/2017	10.20	06/07/2017	09.55	BTL (Converted to Zero Schedule from 20.00Hrs DT.27 June 2017)	
MSPGCL	Khaparkheda Unit 3	210	27/06/2017	23.50		Continued.	zero schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 1	210	27/06/2017	23.51		Continued.	zero schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 5	500	28/06/2017	23.58	06/07/2017	22.23	zero schedule by MSEDCL	
MSPGCL	Nasik Unit 3	210	01/07/2017	03.25		Continued.	BTL (converted to Zero Schedule from 10.00Hrs DT.04th July 17)	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 07/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	04/07/2017	18.24		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	05/07/2017	06.23	06/07/2017	21.02	PO	outage by wrldc
Alkud-Solapur(PG)	InterState	06/07/2017	06.50	06/07/2017	20.47	PO	line crossing work by wrldc.
karad -kolhapur-I	IntraState	23/06/2017	17.07	06/07/2017	06.31	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	01/07/2017	08.19		Continued.	HT	load control.
Koradi-India Bulls	IntraState	05/07/2017	18.01	06/07/2017	07.08	T	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/07/2017	19.58	07/07/2017	06.15	HT	Over Voltage
Karad - Jaigad - II	IntraState	05/07/2017	20.40		Continued.	HT	Over Voltage
Babhaleshtar - Padghe-I	IntraState	05/07/2017	20.45	06/07/2017	05.16	HT	to heavy sparking on ct.
Babhaleshtar - Padghe-II	IntraState	06/07/2017	05.25	06/07/2017	09.18	T	Attending Hot Spot
Chandrapur - Khaperkheda	IntraState	06/07/2017	10.03	06/07/2017	13.00	PO	diagnostic testing work.
Main Bus-I @ Jejuri	IntraState	06/07/2017	15.11	06/07/2017	21.40	PO	jumpering work.
karad -kolhapur-II	IntraState	06/07/2017	16.44		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-I@Parly	IntraState	05/07/2017	16.42		Continued.	PO	replacement of r-ph sick unit with overhauled unit.
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	06/07/2017	11.02	06/07/2017	22.10	PO	Routine Maintenance Work
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.
Nasik Navsari II	InterState	06/07/2017	15.19	06/07/2017	15.49	T	from ocr end only pdr.
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.
Walchandnagar-Bhigwan	IntraState	04/06/2017	17.29		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Pophali - Pedambe II	IntraState	17/06/2017	17.00		Continued.	PO	CT REPLACEMENT WORK
Pophali - Kdph	IntraState	23/06/2017	08.45		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.
New Koyana - Niwali	IntraState	06/07/2017	09.00	06/07/2017	15.05	PO	y ph ct replacement work.
Kalwa - Siemens	IntraState	06/07/2017	10.30	06/07/2017	17.30	PO	construction work.
Boisar Versova Line	IntraState	06/07/2017	12.11	06/07/2017	15.40	PO	repairing of damage jumper.
Yeotmal- Pusad	IntraState	06/07/2017	13.08	06/07/2017	16.16	EO	Attending Hot Spot
Sawantwadi-Bidri	IntraState	06/07/2017	13.35	06/07/2017	17.32	PO	back up relay replacement work.
Parli 3 (Old Gcr)-Osmanabad	IntraState	06/07/2017	15.15.	06/07/2017	17.22	PO	Quarterly Maintanance Work
Nashik-Padgha	IntraState	06/07/2017	15.19	06/07/2017	15.34	T	from ocr end only pdr.
Mahape - TIFIL	IntraState	06/07/2017	18.04	06/07/2017	19.30	PO	construction 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

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 06/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 07/Jul/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)