

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jun/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.286	3361.058	1) Gujrat	0.668	-60.925
2) Hydro	5.020	120.190	2) Madhya Pradesh	10.495	255.887
3) Gas	6.278	223.903	3) Chattisgarh	7.350	165.470
Total MSPGCL	131.584	3705.151	4) Maharashtra Net	101.228	2421.169
B) 1) APML	63.000	1207.677	5) Goa (Amona)	-0.462	-9.548
2) JSWEL	16.574	380.682	Total	119.279	2772.053
3) VIPL	5.585	142.080	a) Mumbai Schedule	27.976	675.497
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	38.439	819.160
5) WPCL	2.012	90.284	c) MSEDCL Bilateral *	7.456	420.278
6) PGPL	0.000	0.000	Include PX	-6.213	11.095
7) Other IPP	2.706	74.813	d) Mumbai Bilateral *	27.976	673.239
C) 1) TPCL Thermal	5.768	312.326	Include PX	12.478	210.165
2) TPCL Hydro	5.075	97.325	Include Standby	0.000	2.259
3) TPCL Gas	3.075	104.035	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.428	242.198	1) MSEDCL	344.551	8329.851
D) STATE			2) Mumbai Discoms	63.785	1575.040
1) Thermal	227.359	5926.241	TOTAL STATE	408.336	9904.891
(A1+C1+C4+(B1-B6))					
2) Hydro	10.095	217.515			
(A2+C2)					
3) Gas	9.353	327.938			
(A3+B6+C3)					
4) Wind	40.402	623.512			
6) SOLAR	1.848	37.636			
TOTAL STATE	289.057	7132.842			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4869	4847	4855	5018
MSPGCL Hydro	366	231	699	48
MSPGCL Gas	249	258	259	260
MSPGCL Total Generation	5484	5336	5813	5326
Central Sector Receipt	5829	5561	5205	3996
WIND	1642	1819	1493	1960
CPP / IPP Thermal	3661	3687	3475	3723
CPP / IPP Gas	0	0	0	0
SOLAR	254	232	0	0
Exchange with Mumbai	-1764	-1782	-1722	-1365
MSEDCL DEMAND MET	15106	14853	14264	13640
Load Shedding	0	0	0	0
MSEDCL DEMAND	15106	14853	14264	13640
TPCL GENERATION	753	751	696	368
R-INFRA GENERATION	505	507	389	508
MUMBAI DEMAND	3022	3040	2807	2241
STATE DEMAND MET	18128	17893	17071	15881
STATE DEMAND	18128	17893	17071	15881
Frequency (Hz)	49.98	50.02	49.89	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 08.18 Hrs	49.75 Hz at 15.55 Hrs	49.98	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 24/Jun/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	59.96	0	0
Unit 8	10.52	171.96	475	391
Unit 9	8.68	221.04	452	294
Unit 10	8.74	208.83	460	269
Total	27.94	661.79		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	0.19	209.26	190	0
Unit 5	9.06	198.78	490	350
Total	9.25	456.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	65.93	0	0
Unit 7	0.00	59.86	0	0
Unit 8	0.00	15.86	0	0
Total	0.00	141.65		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	4.07	88.17	192	160
Unit 5	8.82	214.67	400	354
Unit 6	9.25	224.62	438	360
Unit 7	9.35	219.08	447	355
Unit 8	9.55	184.16	490	357
Unit 9	8.92	223.48	436	340
Total	49.96	1173.90		
Paras				
Unit 3	4.94	115.55	246	189
Unit 4	0.00	95.06	0	0
Total	4.94	210.60		
Khaparkheda				
Unit 1	3.51	80.10	160	130
Unit 2	0.00	49.37	0	0
Unit 3	3.91	78.92	190	155
Unit 4	3.76	77.59	164	144
Unit 5	9.20	231.14	480	360
Total	20.38	517.12		
Nasik				
Unit 3	3.89	29.66	166	159
Unit 4	3.92	99.94	167	160
Unit 5	0.00	69.70	0	0
Total	7.81	199.30		
Uran				
All Units	6.28	223.90	368	247
Total	6.28	223.90		
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)	0.20	1.71	73	0
Total	0.20	1.71		
Koyna				
Stage 1-2	2.28	50.88	380	40
Stage 4	0.27	6.08	227	0
Stage 3	0.94	15.08	160	0
Total	3.48	72.04		
Hydro				
KDPH	0.00	4.55	0	0
VTRNA	1.01	21.90	61	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.35	5.82	80	0
RNGR+BHTSA	0.00	4.28	0	0
BHANDARDRA	0.00	1.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.07	0.91	4	3
GHATGHAR	0.10	8.95	70	0
Total	1.54	48.15		
Wind				
Total	40.40	623.51	0	0
Total	40.40	623.51		
CPP				
APML(Mus)	63.00	1207.68	0	0
JSWEL(Mus)	16.57	380.68	0	0
VIPL(Mus)	5.58	142.08	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	2.01	90.28	0	0
Other(Mus)	2.71	74.81	0	0
Total	89.88	2010.66		
SOLAR				
Total	1.85	37.64	0	0
Total	1.85	37.64		
Tata				
Trombay 5	0.00	186.49	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.81	66.98	83	75
Trombay 7B	1.26	37.06	55	52
Trombay 8	5.77	125.84	243	238
TATA Hydro	5.08	97.32	382	0
Total	13.92	513.69		
R-INFRA				
DTPS U-1&2	11.43	242.20	510	387
Total	11.43	242.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.29	3361.06	MSPGCL Total	131.58	3705.15
			MSPGCL Thml+Gas	126.56	3584.96	Koyna 1,2 & 4 Total	2.54	56.96
			MSPGCL Hydro	5.02	120.19	State Total	289.06	7132.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Jun/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	5631	64	368	6063	1865	3688	0	0	3943	4365	-1567	14414	0	14414	2704	17118	49.98
2	5426	44	252	5722	1921	3743	0	0	3849	4068	-1581	13873	0	13873	2498	16371	49.99
3	5080	48	262	5390	1872	3752	0	0	3850	4107	-1466	13655	0	13655	2343	15998	49.99
4	5018	48	260	5326	1960	3723	0	0	3852	3996	-1365	13640	0	13640	2241	15881	49.95
5	4945	98	251	5294	1943	3622	0	0	3752	4172	-1329	13702	0	13702	2204	15906	49.91
6	4992	122	261	5375	1664	3715	0	0	4401	4875	-1339	14290	0	14290	2213	16503	49.99
7	5215	123	263	5601	1522	3915	0	20	4972	5180	-1293	14945	0	14945	2170	17115	50.00
8	5089	145	252	5486	1555	4043	0	50	5224	4650	-1380	14404	0	14404	2257	16661	50.02
9	4937	241	265	5443	1699	3896	0	96	5241	5293	-1440	14987	0	14987	2439	17426	50.07
10	4900	184	261	5345	1573	3692	0	147	5115	5198	-1548	14407	0	14407	2679	17086	49.99
11	4891	285	259	5435	1488	3607	0	219	5295	5630	-1791	14588	0	14588	2976	17564	49.98
12	4869	366	249	5484	1642	3661	0	254	5498	5829	-1764	15106	0	15106	3022	18128	49.98
13	4847	231	258	5336	1819	3687	0	232	5709	5561	-1782	14853	0	14853	3040	17893	50.02
14	4772	119	247	5138	1795	3513	0	228	5556	5708	-1742	14640	0	14640	2971	17611	49.99
15	4775	315	257	5347	1984	3396	0	197	5189	5571	-1784	14711	0	14711	3010	17721	49.95
16	4784	223	258	5265	1975	3523	0	182	5084	5403	-1715	14633	0	14633	2943	17576	49.94
17	4768	304	250	5322	1906	3534	0	126	4805	5227	-1649	14466	0	14466	2870	17336	49.98
18	4759	177	259	5195	1940	3560	0	74	4680	4941	-1650	14060	0	14060	2827	16887	49.99
19	4735	390	250	5375	1796	3380	0	23	4252	4757	-1697	13634	0	13634	2763	16397	49.90
20	4855	699	259	5813	1493	3475	0	0	4538	5205	-1722	14264	0	14264	2807	17071	49.89
21	5258	237	262	5757	1356	3986	0	0	5167	4878	-1711	14266	0	14266	2762	17028	50.00
22	5261	184	252	5697	1136	4335	0	0	4744	4794	-1666	14296	0	14296	2676	16972	50.00
23	5274	189	261	5724	1153	4224	0	0	4729	4942	-1688	14355	0	14355	2681	17036	49.96
24	5205	184	262	5651	1345	4206	0	0	4775	4929	-1770	14361	0	14361	2689	17050	50.00
MUs	120.29	5.02	6.28	131.58	40.40	89.88	0.00	1.85	114.22	119.28	-38.44	344.55	0.00	344.55	63.79	408.33	49.98

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 24/Jun/2017

Position as on 6.30 Hrs of 25/Jun/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.	
MSPGCL	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
MSPGCL	Khaparkhedda 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.	
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	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swaping with unit-5.	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Jun/2017

Position as on 6.30 Hrs of 25/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							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 5	210	17/06/2017	15.35		Continued.	Zero schedule by MSEDCL	
TPC-G	Trombay 5	500	21/06/2017	20.33	25/06/2017	11.59	Boiler Tube Leakage	
CPP	SWPGL U-4	135	23/06/2017	12.01		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 4	500	24/06/2017	00.38		Continued.	Hydrogen Gas Leakage.	
MSPGCL	Uran Unit B0	120	24/06/2017	00.52		Continued.	Gas shortage	
MSPGCL	Uran Unit 7	108	24/06/2017	01.02		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 25/Jun/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 I	InterState	22/06/2017	18.30		Continued.	T	Over Voltage
Padgha Tarapur II	InterState	25/06/2017	01.36	25/06/2017	03.02	T	Distance Protection
Padgha Tarapur I	InterState	25/06/2017	05.18	25/06/2017	06.39	T	Distance Protection
Ektuni-Bableshtar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	to control load on padghe-bableshtar.
karad -kolhapur-I	IntraState	23/06/2017	17.07		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/06/2017	19.08	24/06/2017	06.41	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/06/2017	03.05		Continued.	HT	Over Voltage
Girwali- Lonikand 2	IntraState	24/06/2017	12.39	24/06/2017	17.14	PO	Hardware Tightening work
Bhusawal-Aurangabad	IntraState	24/06/2017	19.11	25/06/2017	08.49	HT	Over Voltage
Padghe - Kalwa- I	IntraState	24/06/2017	23.42	25/06/2017	19.00	T	Distance Protection
Bhusawal-Aurangabad	IntraState	25/06/2017	17.02		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	24/06/2017	16.21	24/06/2017	16.40	EO	Heavy Spark on B Phase Isolator Main Bus(Taken on TBC)
400/220 kv 500 MVA ICT-III @ Kalwa	IntraState	25/06/2017	02.21	25/06/2017	03.33	T	220KV Main Bus-II Tripped
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	25/06/2017	02.21	25/06/2017	03.34	T	220KV Main Bus-II Tripped
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.
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
Anandnagar - Pal	IntraState	23/06/2017	07.40	24/06/2017	02.00	PO	CONSTRUCTION WORK.
Pophali - Kdph	IntraState	23/06/2017	08.45		Continued.	T	Distance Protection
Kalwa - Taloja	IntraState	23/06/2017	20.54	24/06/2017	18.42	T	B-PHASE CT BURST AT TALOJA END.
Wani-Warora	IntraState	24/06/2017	08.52	24/06/2017	11.08	PO	Repl.of Insulator String
Bableshtar - Bableshtar-I	IntraState	24/06/2017	09.21	24/06/2017	15.40	PO	Routine Maintenance Work
Anandnagar - Pal	IntraState	24/06/2017	09.24	24/06/2017	17.30	PO	Erection of Tower
Deepnagar Amalner	IntraState	24/06/2017	09.30	24/06/2017	18.26	PO	Tan Delta Measurement of CTs
Oni Kharepatan Line	IntraState	24/06/2017	09.37	24/06/2017	14.52	PO	Routine Maintenance Work
Sonkhar - Trombay	IntraState	24/06/2017	10.15	25/06/2017	07.33	HT	To control 220KV Nerul-Kharghar Line Loading
Telco- Chinchwad	IntraState	24/06/2017	10.53	24/06/2017	16.42	PO	Isolator Maint.work
Mahape - TIFIL	IntraState	24/06/2017	10.54	24/06/2017	13.55	PO	Removing Jumpers of Kharghar-Borivali Line
Kharepatan -Pawas Line	IntraState	24/06/2017	14.24	25/06/2017	16.37	T	Distance Protection
Kalwa - Mulund 2	IntraState	25/06/2017	02.21	25/06/2017	03.24	T	220KV Main Bus-II Tripped
Kalwa-Salsette-IV	IntraState	25/06/2017	02.21	25/06/2017	03.36	T	220KV Main Bus-II Tripped

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 24/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 25/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa-TIFIL	IntraState	25/06/2017	02.21	25/06/2017	03.23	T	220KV Main Bus-II Tripped
Kalwa - Colourchem	IntraState	25/06/2017	02.21	25/06/2017	08.41	T	Distance Protection
Trombay - Kalwa	IntraState	25/06/2017	02.21	25/06/2017	03.35	T	220KV Main Bus-II Tripped
Temghar - Kalwa	IntraState	25/06/2017	02.22	25/06/2017	07.15	T	Distance Protection
Ghatghar - Jindal	IntraState	25/06/2017	02.44	25/06/2017	04.50	T	Distance Protection
Washala - Ghatghar	IntraState	25/06/2017	02.52	25/06/2017	13.25	T	Distance Protection
Oni Kharepatan Line	IntraState	25/06/2017	12.40		Continued.	T	Distance Protection
Kharepatan -Pawas Line	IntraState	25/06/2017	18.15		Continued.	T	Distance Protection
New Koyna - Loteparshuram	IntraState	25/06/2017	20.00		Continued.	T	Distance Protection
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	24/06/2017	09.48	24/06/2017	21.49	PO	DPR Scheme work
132 KV LINE Outages/Trippings							
Parbhani-Gangakhed	IntraState	24/06/2017	00.10	24/06/2017	00.22	T	Distance Protection
Solapur II(Bale)-Naldurg	IntraState	24/06/2017	01.50	24/06/2017	07.12	HT	Sparking observed on Y Phase Line Isolator

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