

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.240	3479.298	1) Gujrat	-0.396	-61.321
2) Hydro	3.578	123.768	2) Madhya Pradesh	9.344	265.231
3) Gas	6.175	230.078	3) Chattisgarh	7.520	172.990
Total MSPGCL	127.993	3833.144	4) Maharashtra Net	90.371	2511.540
B) 1) APML	57.647	1265.324	5) Goa (Amona)	-0.374	-9.922
2) JSWEL	16.356	397.038	Total	106.465	2878.518
3) VIPL	5.128	147.208	a) Mumbai Schedule	24.262	699.760
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	30.194	849.354
5) WPCL	2.137	92.421	c) MSEDCL Bilateral *	13.319	433.596
6) PGPL	0.000	0.000	Include PX	-4.142	6.953
7) Other IPP	2.773	77.586	d) Mumbai Bilateral *	24.262	697.501
C) 1) TPCL Thermal	8.546	320.872	Include PX	9.725	219.890
2) TPCL Hydro	0.774	98.099	Include Standby	0.000	2.259
3) TPCL Gas	2.593	106.628	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.462	252.660	1) MSEDCL	327.691	8657.542
D) STATE			2) Mumbai Discoms	52.569	1627.609
1) Thermal	221.289	6147.530	TOTAL STATE	380.260	10285.151
(A1+C1+C4+(B1-B6))					
2) Hydro	4.352	221.867			
(A2+C2)					
3) Gas	8.768	336.706			
(A3+B6+C3)					
4) Wind	38.102	661.614			
6) SOLAR	1.284	38.920			
TOTAL STATE	273.795	7406.637			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5004	4977	4848	4814
MSPGCL Hydro	284	183	256	50
MSPGCL Gas	244	256	254	263
MSPGCL Total Generation	5532	5416	5358	5127
Central Sector Receipt	5016	4748	4323	4576
WIND	1733	1672	1431	1311
CPP / IPP Thermal	3334	3355	3670	3407
CPP / IPP Gas	0	0	0	0
SOLAR	140	125	0	0
Exchange with Mumbai	-1455	-1361	-1274	-1235
MSEDCL DEMAND MET	14300	13955	13508	13186
Load Shedding	0	0	0	0
MSEDCL DEMAND	14300	13955	13508	13186
TPCL GENERATION	380	492	646	414
R-INFRA GENERATION	389	388	389	510
MUMBAI DEMAND	2224	2241	2309	2159
STATE DEMAND MET	16524	16196	15817	15345
STATE DEMAND	16524	16196	15817	15345
Frequency (Hz)	49.97	49.96	49.93	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 16.03 Hrs	49.74 Hz at 19.09 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 25/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	9.84	181.79	475	340
Unit 9	9.72	230.76	461	315
Unit 10	8.84	217.67	461	283
Total	28.40	690.19		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	0.00	209.26	0	0
Unit 5	8.69	207.47	405	324
Total	8.69	465.39		
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	4.20	92.37	192	165
Unit 5	8.84	223.51	400	345
Unit 6	9.00	233.62	434	359
Unit 7	8.97	228.05	444	358
Unit 8	9.09	193.26	470	350
Unit 9	8.83	232.31	440	349
Total	48.93	1222.83		
Paras				
Unit 3	4.62	120.17	200	185
Unit 4	0.00	95.06	0	0
Total	4.62	215.23		
Khaparkheda				
Unit 1	3.48	83.58	160	115
Unit 2	0.00	49.37	0	0
Unit 3	3.75	82.67	165	148
Unit 4	3.77	81.36	163	143
Unit 5	8.75	239.89	380	360
Total	19.75	536.87		
Nasik				
Unit 3	3.92	33.58	174	155
Unit 4	3.92	103.87	166	159
Unit 5	0.00	69.70	0	0
Total	7.84	207.14		
Uran				
All Units	6.18	230.08	276	242
Total	6.18	230.08		
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)	0.08	1.78	19	0
Total	0.08	1.78		
Koyna				
Stage 1-2	1.84	52.73	275	40
Stage 4	0.00	6.08	0	0
Stage 3	0.85	15.93	160	0
Total	2.70	74.74		
Hydro				
KDPH	0.07	4.62	12	0
VTRNA	0.39	22.29	61	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	6.22	80	0
RNGR+BHTSA	0.02	4.30	10	0
BHANDARDRA	0.00	1.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.91	0	0
GHATGHAR	0.00	8.95	0	0
Total	0.88	49.03		
Wind				
Total	38.10	661.61	0	0
Total	38.10	661.61		
CPP				
APML(Mus)	57.65	1265.32	0	0
JSWEL(Mus)	16.36	397.04	0	0
VIPL(Mus)	5.13	147.21	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	2.14	92.42	0	0
Other(Mus)	2.77	77.59	0	0
Total	84.04	2094.70		
SOLAR				
Total	1.28	38.92	0	0
Total	1.28	38.92		
Tata				
Trombay 5	3.23	189.72	318	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.46	68.44	64	57
Trombay 7B	1.13	38.19	49	45
Trombay 8	5.32	131.16	244	200
TATA Hydro	0.77	98.10	89	0
Total	11.91	525.60		
R-INFRA				
DTPS U-1&2	10.46	252.66	511	388
Total	10.46	252.66		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.24	3479.30	MSPGCL Total	127.99	3833.14
			MSPGCL Thml+Gas	124.42	3709.38	Koyna 1,2 & 4 Total	1.84	58.81
			MSPGCL Hydro	3.58	123.77	State Total	273.80	7406.64

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	5000	124	263	5387	1530	4026	0	0	4888	4787	-1723	14007	0	14007	2621	16628	50.01
2	4818	118	252	5188	1598	3849	0	0	4639	4540	-1536	13639	0	13639	2414	16053	49.97
3	4778	46	264	5088	1495	3590	0	0	4404	4437	-1315	13295	0	13295	2266	15561	49.96
4	4814	50	263	5127	1311	3407	0	0	4274	4576	-1235	13186	0	13186	2159	15345	49.96
5	4754	40	262	5056	1301	3416	0	0	4198	4767	-1227	13313	0	13313	2085	15398	49.92
6	4668	40	274	4982	1282	3422	0	0	4844	5130	-1218	13598	0	13598	2081	15680	50.00
7	4675	45	276	4996	1292	3403	0	10	4943	5273	-1112	13862	0	13862	2009	15871	49.97
8	4784	164	275	5223	1380	3407	0	55	4547	5198	-1077	14186	0	14186	1990	16176	50.01
9	4854	278	273	5405	1563	3498	0	110	4548	4746	-1108	14214	0	14214	2005	16218	50.03
10	4944	281	265	5490	1533	3380	0	143	4251	4241	-1241	13546	0	13546	2087	15633	49.99
11	5016	423	258	5697	1556	3339	0	128	4264	4666	-1425	13961	0	13961	2195	16156	49.98
12	5004	284	244	5532	1733	3334	0	140	4837	5016	-1455	14300	0	14300	2224	16524	49.97
13	4977	183	256	5416	1672	3355	0	125	4887	4748	-1361	13955	0	13955	2241	16196	49.96
14	5019	106	254	5379	1804	3345	0	141	4499	4502	-1230	13941	0	13941	2151	16092	50.00
15	5084	45	247	5376	1876	3347	0	146	4371	4386	-1190	13941	0	13941	2139	16080	50.03
16	5073	45	255	5373	1828	3358	0	125	4123	4382	-1149	13916	0	13916	2101	16018	50.04
17	5057	45	253	5355	1886	3357	0	108	3707	3771	-1129	13348	0	13348	2085	15433	50.01
18	5026	55	243	5324	1949	3348	0	40	3523	3422	-1080	13002	0	13002	2083	15086	50.00
19	5012	137	253	5402	1938	3314	0	13	3283	3382	-1098	12950	0	12950	2163	15114	49.96
20	5129	423	251	5803	1782	3513	0	0	3300	3457	-1175	13380	0	13380	2253	15633	49.89
21	5116	96	242	5454	1504	3871	0	0	3978	3903	-1291	13441	0	13441	2313	15754	49.93
22	4848	256	254	5358	1431	3670	0	0	3948	4323	-1274	13508	0	13508	2309	15817	49.93
23	4931	147	244	5322	1479	3702	0	0	4063	4320	-1277	13546	0	13546	2306	15852	49.94
24	4859	147	254	5260	1379	3790	0	0	3916	4492	-1268	13654	0	13654	2289	15942	49.93
MUs	118.24	3.58	6.18	127.99	38.10	84.04	0.00	1.28	102.23	106.47	-30.19	327.69	0.00	327.69	52.57	380.26	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 25/Jun/2017

Position as on 6.30 Hrs of 26/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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 25/Jun/2017

Position as on 6.30 Hrs of 26/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	
MSPGCL	Bhusawal Unit 5	500	26/06/2017	00.00		Continued.	Zero Schedule By MSEDCL	

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

Statement-VII

Position as on 6.30 Hrs of 26/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
Karad - Jaigad - II	IntraState	24/06/2017	03.05		Continued.	HT	Over Voltage
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
New Koyna - Dabhol - li	IntraState	26/06/2017	05.51		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
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
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
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
Pophali - Kdph	IntraState	23/06/2017	08.45		Continued.	T	Distance Protection
Sonkhar - Trombay	IntraState	24/06/2017	10.15	25/06/2017	07.33	HT	To control 220KV Nerul-Kharghar Line Loading
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 - Colourchem	IntraState	25/06/2017	02.21	25/06/2017	08.41	T	Distance Protection
Kalwa-Salsette-IV	IntraState	25/06/2017	02.21	25/06/2017	03.36	T	220KV Main Bus-II Tripped
Kalwa-TIFIL	IntraState	25/06/2017	02.21	25/06/2017	03.23	T	220KV Main Bus-II Tripped
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)

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