

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Jun/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.233	2854.827	1) Gujrat	-3.748	-52.254
2) Hydro	4.670	104.312	2) Madhya Pradesh	12.742	208.603
3) Gas	9.649	190.307	3) Chattisgarh	7.870	135.150
Total MSPGCL	138.552	3149.446	4) Maharashtra Net	103.100	2022.236
B) 1) APML	62.380	968.097	5) Goa (Amona)	-0.330	-7.920
2) JSWEL	16.806	316.313	Total	119.634	2305.815
3) VIPL	5.514	120.793	a) Mumbai Schedule	28.942	553.568
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	37.498	664.658
5) WPCL	4.833	75.805	c) MSEDCL Bilateral *	15.652	369.106
6) PGPL	0.000	0.000	Include PX	-2.865	21.728
7) Other IPP	2.514	63.196	d) Mumbai Bilateral *	28.942	553.440
C) 1) TPCL Thermal	14.658	281.528	Include PX	10.551	154.515
2) TPCL Hydro	3.900	76.507	Include Standby	0.000	0.128
3) TPCL Gas	4.479	88.568	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.330	197.242	1) MSEDCL	356.889	6923.660
D) STATE			2) Mumbai Discoms	69.865	1308.503
1) Thermal	240.268	4992.924	TOTAL STATE	426.754	8232.163
(A1+C1+C4+(B1-B6))					
2) Hydro	8.570	180.819			
(A2+C2)					
3) Gas	14.128	278.875			
(A3+B6+C3)					
4) Wind	42.128	444.247			
6) SOLAR	2.026	29.483			
TOTAL STATE	307.120	5926.348			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5082	5244	5954	4645
MSPGCL Hydro	205	297	121	77
MSPGCL Gas	396	395	394	411
MSPGCL Total Generation	5683	5936	6469	5133
Central Sector Receipt	5768	5831	4382	4583
WIND	1473	1741	1718	1834
CPP / IPP Thermal	3640	3756	4359	3477
CPP / IPP Gas	0	0	0	0
SOLAR	249	208	0	0
Exchange with Mumbai	-1757	-1797	-1488	-1140
MSEDCL DEMAND MET	15056	15675	15440	13887
Load Shedding	0	0	0	0
MSEDCL DEMAND	15056	15675	15440	13887
TPCL GENERATION	1260	1238	1090	713
R-INFRA GENERATION	388	389	389	389
MUMBAI DEMAND	3405	3424	2967	2242
STATE DEMAND MET	18461	19099	18407	16129
STATE DEMAND	18461	19099	18407	16129
Frequency (Hz)	49.98	49.97	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 03.26 Hrs	49.84 Hz at 14.17 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 20/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	3.16	59.83	145	120
Unit 8	9.05	129.73	463	320
Unit 9	7.30	181.64	320	267
Unit 10	9.34	172.48	530	310
Total	28.84	543.68		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	8.99	182.85	470	355
Unit 5	9.09	163.31	495	360
Total	18.08	394.82		
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	2.42	71.46	192	0
Unit 5	8.88	179.10	405	360
Unit 6	9.09	188.26	430	345
Unit 7	9.06	182.70	448	360
Unit 8	0.63	148.62	240	0
Unit 9	9.74	187.51	476	346
Total	39.82	977.36		
Paras				
Unit 3	4.89	96.49	250	186
Unit 4	4.51	95.06	213	121
Total	9.40	191.55		
Khaparkheda				
Unit 1	3.52	66.70	170	130
Unit 2	0.00	49.37	0	0
Unit 3	3.60	64.21	165	141
Unit 4	3.09	63.19	161	0
Unit 5	9.69	194.71	500	370
Total	19.90	438.18		
Nasik				
Unit 3	4.08	13.96	195	159
Unit 4	4.12	83.94	204	160
Unit 5	0.00	69.70	0	0
Total	8.20	167.59		
Uran				
All Units	9.65	190.31	424	383
Total	9.65	190.31		
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)	0.00	0.98	0	0
Total	0.00	0.98		
Koyna				
Stage 1-2	1.90	44.42	280	40
Stage 4	0.00	5.69	0	0
Stage 3	0.91	13.13	160	0
Total	2.80	63.24		
Hydro				
KDPH	0.11	4.55	10	0
VTRNA	0.99	17.94	61	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	4.69	80	0
RNGR+BHTSA	0.25	3.43	11	10
BHANDARDRA	0.00	1.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	0.56	6	6
GHATGHAR	0.17	8.17	100	0
Total	1.87	41.07		
Wind				
Total	42.13	444.25	0	0
Total	42.13	444.25		
CPP				
APML(Mus)	62.38	968.10	0	0
JSWEL(Mus)	16.81	316.31	0	0
VIPL(Mus)	5.51	120.79	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	4.83	75.80	0	0
Other(Mus)	2.51	63.20	0	0
Total	92.05	1659.33		
SOLAR				
Total	2.03	29.48	0	0
Total	2.03	29.48		
Tata				
Trombay 5	9.36	178.46	475	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	57.30	122	119
Trombay 7B	1.58	31.27	67	65
Trombay 8	5.30	103.07	249	204
TATA Hydro	3.90	76.51	363	0
Total	23.04	446.60		
R-INFRA				
DTPS U-1&2	9.33	197.24	390	387
Total	9.33	197.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.23	2854.83	MSPGCL Total	138.55	3149.45
			MSPGCL Thml+Gas	133.88	3045.13	Koyna 1,2 & 4 Total	1.90	50.11
			MSPGCL Hydro	4.67	104.31	State Total	307.12	5926.35

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/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	4926	74	409	5409	1857	4096	0	0	4571	4701	-1516	14547	0	14547	2795	17342	50.03
2	4827	67	409	5303	1805	3920	0	0	4649	4477	-1474	14031	0	14031	2609	16640	50.02
3	4784	67	423	5274	1762	3798	0	0	4397	4644	-1306	14172	0	14172	2406	16578	50.06
4	4659	67	413	5139	1802	3536	0	0	4304	4672	-1191	13958	0	13958	2291	16249	50.05
5	4645	77	411	5133	1834	3477	0	0	4394	4583	-1140	13887	0	13887	2242	16129	50.00
6	4851	142	424	5417	1884	3539	0	1	4710	4790	-1174	14457	0	14457	2290	16747	50.06
7	5281	137	412	5830	1552	4058	0	13	4791	4733	-1196	14990	0	14990	2294	17284	50.00
8	5517	136	411	6064	1606	4300	0	72	4869	4868	-1341	15569	0	15569	2434	18003	50.10
9	5069	132	394	5595	1787	4054	0	118	5085	5102	-1617	15039	0	15039	2750	17789	50.06
10	4888	135	401	5424	1830	3614	0	213	5175	5298	-1673	14706	0	14706	3055	17761	50.01
11	5022	217	399	5638	1585	3568	0	223	5355	5555	-1873	14696	0	14696	3358	18054	50.01
12	5082	205	396	5683	1473	3640	0	249	5405	5768	-1757	15056	0	15056	3405	18461	49.98
13	5260	274	394	5928	1533	3704	0	237	5288	5700	-1849	15253	0	15253	3393	18646	49.95
14	5294	281	383	5958	1349	3737	0	235	5201	5690	-1665	15304	0	15304	3290	18594	49.99
15	5255	476	384	6115	1590	3788	0	240	5432	5676	-1772	15637	0	15637	3408	19045	49.95
16	5244	297	395	5936	1741	3756	0	208	5510	5831	-1797	15675	0	15675	3424	19099	49.97
17	5195	276	388	5859	2055	3650	0	136	5109	5362	-1754	15308	0	15308	3372	18680	50.01
18	5197	211	397	5805	2086	3501	0	68	4821	5056	-1703	14813	0	14813	3228	18041	50.00
19	5254	183	401	5838	2017	3445	0	13	4248	4570	-1608	14275	0	14275	3082	17357	49.99
20	5402	265	400	6067	1787	3728	0	0	4426	4639	-1522	14699	0	14699	3006	17705	49.95
21	5954	121	394	6469	1718	4359	0	0	4498	4382	-1488	15440	0	15440	2967	18407	50.00
22	5480	266	403	6149	1844	4128	0	0	4371	4661	-1628	15154	0	15154	2913	18067	49.99
23	5569	428	403	6400	1856	4227	0	0	4200	4462	-1747	15198	0	15198	2931	18129	50.02
24	5578	136	405	6119	1775	4421	0	0	4067	4414	-1707	15022	0	15022	2922	17944	50.04
MUs	124.23	4.67	9.65	138.55	42.13	92.05	0.00	2.03	114.88	119.63	-37.50	356.89	0.00	356.89	69.86	426.75	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 20/Jun/2017

Position as on 6.30 Hrs of 21/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 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 20/Jun/2017

Position as on 6.30 Hrs of 21/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	Chandrapur Unit 4	210	16/06/2017	20.31	20/06/2017	05.56	Boiler Tube Leakage	
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	
MSPGCL	Chandrapur Unit-8	500	18/06/2017	02.15	20/06/2017	19.12	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	20/06/2017	02.53	20/06/2017	05.04	Furnace Pressure High	
MSPGCL	Koradi Unit 10	660	20/06/2017	23.55	21/06/2017	02.59	UAT.	
MSPGCL	Koradi Unit 10	660	21/06/2017	05.33		Continued.	Steam Temp. High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 21/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	14/06/2017	19.04	20/06/2017	06.18	HT	Over Voltage
Koradi Bhilai	InterState	19/06/2017	22.10	20/06/2017	00.28	EO	sparking on 29A b-ph isolator scissor.
Dhule Sar'Sarovar I	InterState	20/06/2017	19.30	21/06/2017	06.44	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	to control load on padghe-bableshwar.
karad -kolhapur-I	IntraState	19/06/2017	18.05		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	19/06/2017	21.24	20/06/2017	06.25	HT	Over Voltage
Karad - Jaigad - II	IntraState	19/06/2017	21.26		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	20/06/2017	05.54	20/06/2017	09.19	EO	To attend Hot Spot
Chandrapur - Parli	IntraState	20/06/2017	14.00	20/06/2017	20.51	PO	CT Clamp Replacement,Alignment & Maintenance of Isolator Work
Bhusawal-Aurangabad	IntraState	20/06/2017	18.17	21/06/2017	06.51	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT I @Akola	IntraState	19/06/2017	07.53	21/06/2017	00.05	PO	ICT Tertiary IPS Tube Coating 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.
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
New Koyana - Pedambe	IntraState	14/06/2017	09.33		Continued.	T	Distance Protection
Pophali - Pedambe II	IntraState	17/06/2017	17.00		Continued.	PO	CT REPLACEMENT WORK
Nadgaonpeth-Amravati	IntraState	20/06/2017	09.44	20/06/2017	14.44	PO	Diagnostic Testing Work.
Malharpeth - Karad(400kv)	IntraState	20/06/2017	10.04		Continued.	PO	Breaker Replacement Work.
Nashik-Airoli Knowledge Park	IntraState	20/06/2017	11.33	20/06/2017	12.02	T	Distance Protection
Ghatghar - Bapgaon	IntraState	20/06/2017	11.35	20/06/2017	16.15	T	Distance Protection
Bapgaon - Kalwa	IntraState	20/06/2017	11.35	20/06/2017	13.27	T	Distance Protection
Butibori-Butibori Rly Tss	IntraState	20/06/2017	12.05	20/06/2017	13.21	PO	Replacement of Faulty ABT Meter.
Butibori-Indorama	IntraState	20/06/2017	15.44	20/06/2017	16.33	T	Backup 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)
220/132 kV 200 MVA ICT- I @ Nanded	IntraState	20/06/2017	10.12	20/06/2017	12.14	PO	Oil Top up Work.
220/132 Kv 200 Mva Bbl Ict 2 @Waghala Nanded	IntraState	20/06/2017	12.21	20/06/2017	14.08	PO	Oil Top up Work.
220/132 kV 200 MVA ICT-III @ Nanded	IntraState	20/06/2017	14.33	20/06/2017	15.56	PO	Oil Top up Work.
132 KV LINE Outages/Trippings							
Deepnagar- Nimbhora	IntraState	20/06/2017	15.15	20/06/2017	15.27	T	132KV Main Bus-I Tripped Hence Connected Ckt 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 20/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 21/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Deepnagar- Muktainagar	IntraState	20/06/2017	15.15	20/06/2017	15.30	T	132KV Main Bus-I Tripped Hence Connected Ckt Tripped.
132KV Main bus-1@Deepnagar	IntraState	20/06/2017	15.15	20/06/2017	15.21	T	While Testing.
Deepnagar (Gcr) - Supreme	IntraState	20/06/2017	15.15	20/06/2017	15.31	T	132KV Main Bus-I Tripped Hence Connected Ckt Tripped.
Deepnagar(Gcr) -New Midc Jalgaon	IntraState	20/06/2017	15.15	20/06/2017	15.27	T	132KV Main Bus-I Tripped Hence Connected Ckt Tripped.
Deepnagar- Yawal	IntraState	20/06/2017	15.15	20/06/2017	15.27	T	132KV Main Bus-I Tripped Hence Connected Ckt Tripped.
Khadka-Deepnagar Ckt-1	IntraState	20/06/2017	15.15	20/06/2017	15.22	T	132KV Main Bus-I Tripped Hence Connected Ckt Tripped.