

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.151	916.971	1) Gujrat	-2.905	-20.433
2) Hydro	5.299	30.674	2) Madhya Pradesh	12.367	55.871
3) Gas	10.445	52.475	3) Chattisgarh	6.850	36.000
Total MSPGCL	174.895	1000.120	4) Maharashtra Net	119.302	775.960
B) 1) APML	60.353	326.414	5) Goa (Amona)	-0.836	-4.686
2) JSWEL	22.393	134.202	Total	134.778	842.712
3) VIPL	13.792	82.742	a) Mumbai Schedule	25.221	147.329
4) RPL(AMT)	18.820	93.868	b) Mumbai Drawl	31.372	172.041
5) WPCL	2.022	14.834	c) MSEDCL Bilateral *	29.726	221.393
6) PGPL	0.000	0.000	Include PX	0.879	69.770
7) Other IPP	3.992	18.982	d) Mumbai Bilateral *	25.221	147.329
C) 1) TPCL Thermal	15.709	96.368	Include PX	1.069	5.383
2) TPCL Hydro	2.646	20.766	Include Standby	0.000	0.000
3) TPCL Gas	4.506	27.044	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.864	68.907	1) MSEDCL	412.800	2411.498
D) STATE			2) Mumbai Discoms	65.095	385.124
1) Thermal	307.096	1753.288	TOTAL STATE	477.895	2796.622
(A1+C1+C4+(B1-B6))					
2) Hydro	7.945	51.440			
(A2+C2)					
3) Gas	14.951	79.519			
(A3+B6+C3)					
4) Wind	11.548	60.081			
6) SOLAR	1.579	9.584			
TOTAL STATE	343.119	1953.912			

* 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 20 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	6926	6844	6559	6181
MSPGCL Hydro	279	495	200	181
MSPGCL Gas	423	428	441	423
MSPGCL Total Generation	7628	7767	7200	6785
Central Sector Receipt	6462	5979	5421	5368
WIND	219	578	680	375
CPP / IPP Thermal	5005	5274	5011	4589
CPP / IPP Gas	0	0	0	0
SOLAR	219	138	0	0
Exchange with Mumbai	-1493	-1557	-1494	-1246
MSEDCL DEMAND MET	18040	18179	16818	15871
Load Shedding	1115	967	8	0
MSEDCL DEMAND	19155	19146	16826	15871
TPCL GENERATION	1198	1140	949	971
R-INFRA GENERATION	498	503	394	506
MUMBAI DEMAND	3189	3200	2837	2723
STATE DEMAND MET	21229	21379	19655	18594
STATE DEMAND	22344	22346	19663	18594
Frequency (Hz)	49.92	49.97	49.96	49.88

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.03 Hrs	49.69 Hz at 12.18 Hrs	49.94	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/May/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	3.74	22.86	165	145
Unit 8	12.34	69.84	533	440
Unit 9	13.08	71.12	656	296
Unit 10	0.00	20.99	0	0
Total	29.17	184.82		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.96	23.68	165	165
Unit 4	9.74	53.22	500	355
Unit 5	9.84	53.74	500	360
Total	23.54	130.64		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.82	34.92	250	195
Unit 7	5.76	33.95	252	198
Unit 8	0.00	0.00	0	0
Total	11.58	68.87		
Chandrapur				
Unit 3	4.44	26.34	190	170
Unit 4	4.66	16.32	197	192
Unit 5	10.48	62.97	455	420
Unit 6	10.48	18.91	451	425
Unit 7	0.00	0.00	0	0
Unit 8	9.96	59.36	475	330
Unit 9	9.80	58.91	486	324
Total	49.83	242.82		
Paras				
Unit 3	5.86	25.54	254	206
Unit 4	5.71	27.73	257	185
Total	11.57	53.26		
Khaparkheda				
Unit 1	4.39	24.23	190	165
Unit 2	4.34	24.13	195	160
Unit 3	4.66	27.24	200	159
Unit 4	3.59	20.42	191	0
Unit 5	2.97	58.99	500	0
Total	19.96	155.01		
Nasik				
Unit 3	4.48	27.14	200	170
Unit 4	4.54	27.35	208	168
Unit 5	4.49	27.06	202	164
Total	13.51	81.55		
Uran				
All Units	10.44	52.48	458	420
Total	10.44	52.48		
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	0.29	15	0
Total	0.02	0.29		
Koyna				
Stage 1-2	1.01	6.22	50	40
Stage 4	0.11	0.71	107	0
Stage 3	0.62	2.81	160	0
Total	1.74	9.75		
Hydro				
KDPH	0.62	3.71	26	25
VTRNA	0.59	3.71	61	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	0.89	40	0
RNGR+BHTSA	0.29	1.90	13	12
BHANDARDRA	0.44	2.70	37	10
ELDARY	0.22	1.37	10	9
SMLHY_PTN	0.18	2.08	16	4
GHATGHAR	1.09	4.18	219	0
Total	3.56	20.93		
Wind				
Total	11.55	60.08	0	0
Total	11.55	60.08		
CPP				
APML(Mus)	60.35	326.41	0	0
JSWEL(Mus)	22.39	134.20	0	0
VIPL(Mus)	13.79	82.74	0	0
RPLAMT(Mus)	18.82	93.87	0	0
WPCL(Mus)	2.02	14.83	0	0
Other(Mus)	3.99	18.98	0	0
Total	121.37	671.04		
SOLAR				
Total	1.58	9.58	0	0
Total	1.58	9.58		
Tata				
Trombay 5	10.28	63.32	492	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	17.43	122	118
Trombay 7B	1.61	9.62	68	66
Trombay 8	5.43	33.05	242	202
TATA Hydro	2.65	20.77	285	11
Total	22.86	144.18		
R-INFRA				
DTPS U-1&2	10.86	68.91	507	248
Total	10.86	68.91		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.15	916.97	MSPGCL Total	174.90	1000.12
			MSPGCL Thml+Gas	169.60	969.45	Koyna 1,2 & 4 Total	1.12	6.94
			MSPGCL Hydro	5.30	30.67	State Total	343.12	1953.91

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/May/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	6181	181	423	6785	375	4589	0	0	5390	5368	-1246	15871	0	15871	2723	18594	49.88
2	6588	180	434	7202	297	4737	0	0	5235	5093	-1080	16249	0	16249	2524	18773	49.93
3	6646	185	434	7265	384	5152	0	0	4960	4882	-911	16772	0	16772	2340	19112	49.91
4	6718	180	443	7341	398	5124	0	0	4861	5075	-802	17136	0	17136	2169	19305	49.97
5	6817	111	445	7373	361	5152	0	0	4868	4831	-879	16838	0	16838	2143	18981	49.93
6	6861	122	446	7429	384	5140	0	0	5327	5099	-813	17239	32	17271	2163	19434	49.97
7	6604	258	458	7320	403	5132	0	6	5490	5776	-724	17913	89	18002	2135	20137	49.95
8	6602	347	445	7394	407	5106	0	46	5746	5865	-793	18025	104	18129	2180	20309	49.95
9	6526	188	434	7148	305	4848	0	104	5786	6116	-1074	17447	497	17944	2435	20379	49.90
10	6682	215	428	7325	174	4673	0	170	5647	5927	-1252	17017	758	17775	2839	20614	49.93
11	6746	324	436	7506	182	4849	0	178	5835	5968	-1388	17295	760	18055	3028	21083	49.91
12	6926	279	423	7628	219	5005	0	219	5971	6462	-1493	18040	1115	19155	3189	22344	49.92
13	6927	228	420	7575	315	5167	0	217	6002	6321	-1495	18100	881	18981	3185	22166	49.88
14	6939	228	432	7599	385	5126	0	212	6114	6324	-1486	18160	845	19005	3119	22124	49.89
15	6847	266	420	7533	538	5192	0	168	5946	6331	-1528	18234	882	19116	3182	22298	49.94
16	6844	495	428	7767	578	5274	0	138	5870	5979	-1557	18179	967	19146	3200	22346	49.97
17	6833	239	436	7508	785	5156	0	85	5896	6186	-1523	18197	476	18673	3093	21766	49.98
18	6289	195	426	6910	780	4937	0	33	5688	6278	-1485	17453	74	17527	2887	20414	49.94
19	6109	205	439	6753	789	4676	0	3	5524	5733	-1562	16392	18	16410	2789	19199	49.98
20	6559	200	441	7200	680	5011	0	0	4870	5421	-1494	16818	8	16826	2837	19663	49.96
21	6578	188	432	7198	891	5334	0	0	4746	4994	-1633	16784	1	16785	2795	19580	49.98
22	6521	186	433	7140	800	5336	0	0	4744	4948	-1745	16479	0	16479	2715	19194	50.00
23	6390	165	454	7009	668	5391	0	0	4897	4846	-1750	16164	0	16164	2707	18871	49.95
24	6418	134	435	6987	450	5264	0	0	5102	4955	-1659	15997	0	15997	2720	18717	49.94
MUs	159.15	5.30	10.44	174.90	11.55	121.37	0.00	1.58	130.52	134.78	-31.37	412.80	7.51	420.31	65.10	485.40	49.94

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/May/2017

Position as on 6.30 Hrs of 07/May/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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under 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	
IPP	Dhariwal	300	28/05/2014	02.27	06/05/2017	19.23	No PPA.	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
IPP	Adani U-1	660	18/04/2017	13.12	07/05/2017	01.06	Due to coal shortage.	
CPP	SWPGL U-3	135	25/04/2017	00.01		Continued.	ESP.	
MSPGCL	Parli Unit 8	250	25/04/2017	07.52		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit 10	660	03/05/2017	00.08		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	04/05/2017	23.36	06/05/2017	03.08	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	06/05/2017	06.29		Continued.	Boiler Tube Leakage	
RINFRA-G	REL Unit 1	250	06/05/2017	20.17		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	07/05/2017	07.31	07/05/2017	14.24	Drum level low	
MSPGCL	Koradi Unit 9	660	07/05/2017	18.36	07/05/2017	21.29	Main Steam Temp High	

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

Position as on 6.30 Hrs of 07/May/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	07/05/2017	21.25		Continued.	Loss of fuel	

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

Statement-VII

Position as on 6.30 Hrs of 07/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Raichur(PG)-Solapur(PG)- I	InterState	06/05/2017	16.25	06/05/2017	17.04	T	Distance Protection
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	07/05/2017	01.46	07/05/2017	09.06	T	Flow Low Y block at C'PUR
Chandrapur - Padghe Hvdc Pole 2	IntraState	07/05/2017	16.26		Continued.	PO	Insulator replacement
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
Akola Wardha I	InterState	05/05/2017	18.08	06/05/2017	11.29	T	Distance Protection
Koradi Satpur	InterState	06/05/2017	23.18		Continued.	T	Tripped at Sarni end and later H/T from koradi end
Dhule Sar'Sarovar II	InterState	07/05/2017	17.46		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	07/05/2017	18.45	07/05/2017	19.10	T	Distance Protection
Padghe - Talegaon (PG)	IntraState	04/12/2016	10.17		Continued.	PO	Construction Work of Buncling of Line New Khargar-Talegaon.
Padghe - Kharghar	IntraState	04/12/2016	10.45		Continued.	PO	Construction Work of Buncling of Line New Khargar-Talegaon.
Ektuni-Bableshtar ckt II	IntraState	01/05/2017	22.55		Continued.	HT	to control line load.
Kalwa - Talegaon(PG)	IntraState	04/05/2017	01.26		Continued.	T	Distance Protection
N.Koyna-Karad -Ckt I	IntraState	05/05/2017	15.17	06/05/2017	13.18	T	Distance Protection
Koradi-Bhusawal	IntraState	06/05/2017	08.34	06/05/2017	09.07	T	Distance Protection
Jejuri- Koynastage-IV	IntraState	06/05/2017	19.34	06/05/2017	20.26	T	Distance Protection
Karad - Lonikand 1	IntraState	07/05/2017	17.35		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-II@Taptitanda	IntraState	05/05/2017	11.02		Continued.	PO	R/M,Diagnostic Testing Work.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	07/05/2017	06.31	07/05/2017	13.52	PO	Testing Work
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	06/05/2017	14.08	06/05/2017	17.33	T	Distance Protection
Badnera - Deoli (PG)	InterState	06/05/2017	14.50	06/05/2017	15.39	HT	Overdrawal
Wardha Deoli (Pg)	InterState	06/05/2017	15.04	06/05/2017	15.45	HT	Overdrawal
Tillari Amona	InterState	06/05/2017	19.15	06/05/2017	19.20	T	Tripped from Amona end only
Mahalakshmi Amona	InterState	06/05/2017	19.15	06/05/2017	19.22	T	Tripped from Amona end only
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.
Talandage - Sawantwadi I	IntraState	05/05/2017	13.25	06/05/2017	22.25	T	Distance Protection
Kalmeshwar-Pandhurna	IntraState	05/05/2017	21.18	06/05/2017	15.40	T	Bus fault Occured at Pandhurna end due to Busrsting of Bus PT.
Pophali - New Koyna	IntraState	06/05/2017	08.15	07/05/2017	19.10	PO	Replacement of Conductor and String
Tata Borivli MSETCL Borivli 5	IntraState	06/05/2017	10.00	06/05/2017	15.18	PO	Testing Work
Nanded- Bhokar I	IntraState	06/05/2017	12.28	06/05/2017	17.09	PO	Tan Delta Measurment of CTs
Tata Borivli MSETCL Borivli 4	IntraState	06/05/2017	15.32	06/05/2017	19.02	PO	Testing Work
Pusad-WardhaPG(Deoli)	IntraState	07/05/2017	10.50	07/05/2017	11.30	T	Distance Protection
Padegaon-Sawangi	IntraState	07/05/2017	12.34	07/05/2017	14.55	EO	To attend Hot Spot
Jejuri (400 Kv)- Baramati li	IntraState	07/05/2017	17.00	07/05/2017	17.18	T	Distance Protection

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/May/2017

Statement-VII

Position as on 6.30 Hrs of 07/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Lonand-Baramati	IntraState	07/05/2017	17.00	07/05/2017	17.18	T	Distance Protection
Deepnagar Bambhori	IntraState	07/05/2017	17.47		Continued.	T	Distance Protection
Deepnagar Amalner	IntraState	07/05/2017	20.16		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 1 @Ghodbunder R/S	IntraState	06/05/2017	08.05	06/05/2017	20.57	PO	LA Replacement
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	06/05/2017	19.15	07/05/2017	01.45	PO	OLTC work
132 KV LINE Outages/Trippings							
Pusad-Jambazar	IntraState	07/05/2017	11.12	07/05/2017	12.15	T	220KV Pusad-Wardha(PG) tripped
Bhugaon - Seloo	IntraState	07/05/2017	17.15	07/05/2017	18.23	T	Fire at Seloo s/s
Kardha-Asgaon	IntraState	07/05/2017	19.13	07/05/2017	19.47	T	Distance Protection
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	07/05/2017	09.33	07/05/2017	10.38	T	Distance Protection

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