

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Jun/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.021	2292.812	1) Gujrat	-4.764	-71.866
2) Hydro	4.086	71.514	2) Madhya Pradesh	10.590	176.410
3) Gas	10.023	147.824	3) Chattisgarh	7.900	128.160
Total MSPGCL	122.130	2512.150	4) Maharashtra Net	108.935	1969.933
B) 1) APLM	13.219	226.495	5) Goa (Amona)	-0.640	-13.368
2) JSWEL	20.430	357.254	6) TAPS 1&2 Injection	3.689	64.446
3) VIPL	12.703	207.673	7) RGPPL Injection	11.680	205.163
4) RPL(AMT)	17.289	337.729	8) Pench (MS)	0.072	0.893
5) WPCL	4.093	67.574	9) Pench (Excess)	-0.072	-0.893
6) Other IPP	4.933	83.947	Total	137.318	2457.985
C) 1) TPCL Thermal	15.999	294.862	a) Mumbai Schedule	25.755	489.248
2) TPCL Hydro	2.031	50.243	b) Mumbai Drawl	33.708	630.596
3) TPCL Gas	4.134	59.052	c) MSEDCL Bilateral *	36.017	660.472
4) R-INFRA Thermal	11.434	205.403	Include PX	-0.075	14.347
D) STATE			d) Mumbai Bilateral *	25.755	489.248
1) Thermal	208.121	4073.749	Include PX	5.247	116.170
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.117	121.757	H) ENERGY CATERED (MUs)		
3) Gas	14.157	206.876	1) MSEDCL	336.498	6193.394
4) Wind	37.514	554.107	2) Mumbai Discoms	67.306	1240.152
6) SOLAR	0.577	19.076	TOTAL STATE	403.804	7433.546
TOTAL STATE	266.486	4975.565			

* 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	4563	4615	4535	4436
MSPGCL Hydro	359	331	101	46
MSPGCL Gas	404	411	426	432
MSPGCL Total Generation	5326	5357	5062	4914
Central Sector Receipt	5946	6306	5758	5233
WIND	1567	1603	1847	1448
CPP / IPP	3262	3123	2999	2932
SOLAR	83	47	0	0
Exchange with Mumbai	-1593	-1661	-1297	-1259
MSEDCL DEMAND MET	14591	14775	14369	13268
Load Shedding	0	0	0	0
MSEDCL DEMAND	14591	14775	14369	13268
TPCL GENERATION	1106	1047	1100	670
R-INFRA GENERATION	493	499	513	403
MUMBAI DEMAND	3192	3207	2910	2332
STATE DEMAND MET	17783	17982	17279	15600
STATE DEMAND	17783	17982	17279	15600
Frequency (Hz)	49.95	49.96	49.87	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06:02 Hrs	49.68 Hz at 21:06 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 18/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	55.90	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.71	67.34	167	125
Unit 8	1.36	198.20	250	0
Total	5.07	321.45		
Bhusawal				
Unit 2	0.00	42.14	0	0
Unit 3	3.92	69.44	175	160
Unit 4	10.04	142.40	490	355
Unit 5	10.14	173.75	500	350
Total	24.10	427.73		
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
Total	0.00	0.00		
Chandrapur				
Unit 3	4.48	58.54	199	166
Unit 4	4.29	75.70	189	160
Unit 5	9.78	153.16	431	365
Unit 6	10.04	174.72	455	350
Unit 7	9.53	153.75	418	360
Unit 8	0.00	43.57	0	0
Total	38.12	659.43		
Paras				
Unit 3	5.68	99.05	256	211
Unit 4	4.54	98.51	246	163
Total	10.22	197.57		
Khaparkheda				
Unit 1	3.56	63.04	160	130
Unit 2	3.94	68.32	175	140
Unit 3	4.31	68.84	192	163
Unit 4	4.30	69.75	192	168
Unit 5	3.55	183.60	500	0
Total	19.65	453.57		
Nasik				
Unit 3	2.70	63.14	190	0
Unit 4	3.96	74.60	174	160
Unit 5	4.19	75.59	191	160
Total	10.85	213.33		
Uran				
All Units	10.02	147.82	433	400
Total	10.02	147.82		
PENCH (MS)				
Pench (MS)	0.07	0.89	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	0.89		
Koyna				
Stage 1-2	1.02	25.76	55	40
Stage 4	0.00	9.31	0	0
Stage 3	0.45	9.77	80	0
Total	1.47	44.84		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.73	1.44	61	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	3.29	80	0
RNGR+BHTSA	0.00	2.73	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.01	0.55	1	0
GHATGHAR	1.72	15.07	252	0
Total	2.61	26.68		
Wind				
Total	37.51	554.11	0	0
Total	37.51	554.11		
CPP				
APML(Mus)	13.22	226.50	0	0
JSWEL(Mus)	20.43	357.25	0	0
VIPL(Mus)	12.70	207.67	0	0
RPLAMT(Mus)	17.29	337.73	0	0
WPCL(Mus)	4.09	67.57	0	0
Other(Mus)	4.93	83.95	0	0
Total	72.67	1280.67		
SOLAR				
Total	0.58	19.08	0	0
Total	0.58	19.08		
Tata				
Trombay 5	10.35	191.96	486	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.63	36.08	115	94
Trombay 7B	1.50	22.97	65	57
Trombay 8	5.64	102.90	250	200
TATA Hydro	2.03	50.24	249	22
Total	22.16	404.16		
R-INFRA				
1-2	11.43	205.40	514	402
Total	11.43	205.40		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	1.37
Koradi 9	0.00	18.36
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.02	2292.81
MSPGCL Thml+Gas	118.04	2440.64
MSPGCL Hydro	4.09	71.51

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	122.13	2512.15
Koyna 1,2 & 4 Total	1.02	35.07
State Total	266.49	4975.56

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 18/Jun/2016

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4564	41	409	5014	1798	3016	0	5514	5589	-1546	13871	0	13871	2915	16786	49.90
2	4476	292	429	5197	1592	2904	0	5274	5233	-1364	13562	0	13562	2700	16262	49.94
3	4475	46	421	4942	1712	2928	0	5121	5065	-1433	13214	0	13214	2524	15738	49.90
4	4455	40	431	4926	1565	2923	0	4989	5386	-1325	13475	0	13475	2396	15871	49.95
5	4436	46	432	4914	1448	2932	0	4933	5233	-1259	13268	0	13268	2332	15600	49.96
6	4646	84	420	5150	1404	2926	0	4974	5330	-1215	13595	0	13595	2287	15882	49.97
7	4741	121	433	5295	1310	2890	2	5077	5515	-1112	13900	0	13900	2212	16112	49.98
8	4725	201	423	5349	1348	2912	21	5174	5592	-1154	14068	0	14068	2254	16322	49.97
9	4450	362	429	5241	1484	3029	45	5333	5782	-1357	14224	0	14224	2495	16719	49.97
10	4348	386	411	5145	1399	3067	53	5591	6056	-1337	14383	0	14383	2809	17192	49.96
11	4503	347	429	5279	1539	3259	64	6167	6061	-1511	14691	0	14691	3035	17726	50.00
12	4563	359	404	5326	1567	3262	83	6043	5946	-1593	14591	0	14591	3192	17783	49.95
13	4584	352	400	5336	1371	3206	94	5920	5809	-1617	14199	0	14199	3205	17404	49.99
14	4600	265	410	5275	1336	3207	74	5838	5729	-1591	14030	0	14030	3144	17174	49.99
15	4609	226	409	5244	1309	3198	48	6048	6626	-1673	14752	0	14752	3203	17955	49.98
16	4615	331	411	5357	1603	3123	47	6512	6306	-1661	14775	0	14775	3207	17982	49.96
17	4470	86	414	4970	1867	2966	28	6163	5954	-1541	14244	0	14244	3138	17382	49.90
18	4058	56	412	4526	1949	2732	16	5578	5655	-1405	13472	0	13472	3010	16482	49.93
19	4104	45	403	4552	2049	2696	2	5454	5664	-1285	13678	0	13678	2860	16538	49.92
20	4385	46	415	4846	1783	2923	0	5827	5785	-1218	14119	0	14119	2889	17008	49.86
21	4535	101	426	5062	1847	2999	0	5664	5758	-1297	14369	0	14369	2910	17279	49.87
22	4545	107	415	5067	1500	3149	0	5622	5658	-1299	14075	0	14075	2823	16898	49.83
23	4562	101	421	5084	1507	3209	0	5647	5553	-1435	13918	0	13918	2861	16779	49.96
24	4572	45	416	5033	1227	3212	0	5676	6033	-1480	14025	0	14025	2905	16930	49.92
MUs	108.02	4.09	10.02	122.13	37.51	72.67	0.58	134.14	137.32	-33.71	336.50	0.00	336.50	67.31	403.80	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 18/Jun/2016

Position as on 6.30 Hrs of 19/Jun/2016

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	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
CENT.SECTOR	TARAPUR-3	540	23/05/2016	20.30		Continued.	Annual Maintenance Work.	
IPP	JSW (J) U2	300	01/06/2016	00.30	18/06/2016	04.27	Annual Maintenance Work.	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
RGPPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vaccum	
IPP	Adani U-1	660	13/05/2016	22.53		Continued.	Water Shortage	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
IPP	Adani U-2	660	25/05/2016	21.22		Continued.	Water Shortage.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No concent to operate	
MSPGCL	Chandrapur Unit 9	500	12/06/2016	18.13		Continued.	Low furnace pressure	
RGPPL	Dabhol 2A	230	12/06/2016	19.58		Continued.	Combustion Chamber problem	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	15/06/2016	10.00	18/06/2016	05.10	Boiler Validity Extension.	
MSPGCL	Koradi Unit 5	200	17/06/2016	22.35		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit-8	500	17/06/2016	22.39		Continued.	Condensor vaccum low protection.	
MSPGCL	Koradi Unit-8	660	18/06/2016	06.23	18/06/2016	23.13	CHP coal feeding problem	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Jun/2016

Position as on 6.30 Hrs of 19/Jun/2016

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	18/06/2016	06.54		Continued.	Zero Shedule.	
MSPGCL	Khaparkheda Unit 5	500	18/06/2016	08.37		Continued.	Water Valve Tube Leakage.	
MSPGCL	Chandrapur Unit-8	500	18/06/2016	22.39		Continued.	High Vacuum.	
MSPGCL	Nasik Unit 4	210	19/06/2016	00.20		Continued.	Water Shortage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 19/Jun/2016

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							
Akola II- Ektuni (A'bad)	IntraState	18/06/2016	01.17	18/06/2016	01.17	T	A/R Successful From Both Ends.
Akola II- Ektuni (A'bad)	IntraState	19/06/2016	19.33	19/06/2016	21.26	T	Distance Protection
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	18/06/2016	10.19	18/06/2016	17.39	PO	Replacement of Flashover Faulty Disk Insulator.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	17/06/2016	18.48	18/06/2016	09.25	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	18/06/2016	01.15	18/06/2016	07.07	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	18/06/2016	18.03		Continued.	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	18/06/2016	18.41		Continued.	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	19/06/2016	10.31	19/06/2016	13.04	EO	Attending conductor dislocation
Kolhapur Solapur (PG) II	InterState	19/06/2016	16.33		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	08/06/2016	19.28		Continued.	HT	To control Load of Padgha-BBLSR Line
Ektuni-Bableshwar ckt I	IntraState	14/06/2016	10.10		Continued.	PO	Jumper Nut Bolts Tightening.(RFC @ 14.35 Hrs).
karad -kolhapur-I	IntraState	16/06/2016	16.10	18/06/2016	10.42	HT	Over Voltage
Karad-Jaigad - I	IntraState	17/06/2016	16.42	18/06/2016	10.47	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	17/06/2016	18.15	18/06/2016	08.30	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/06/2016	07.23	18/06/2016	19.07	PO	Insulator Replacement Work.
Ektuni-Bableshwar ckt II	IntraState	18/06/2016	10.02		Continued.	HT	To Control Load of Padgha-Bblr
Karad-Jaigad - I	IntraState	18/06/2016	16.35		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	18/06/2016	17.10		Continued.	HT	Over Voltage
Chandrapur II - Chandrapur ckt I	IntraState	18/06/2016	17.54	18/06/2016	21.27	EO	Attending Hot Spot
Kalwa - Talegaon(PG)	IntraState	19/06/2016	08.17	19/06/2016	12.35	EO	Repalcement of broken disc insulator
Chandrapur - Parli	IntraState	19/06/2016	09.31	19/06/2016	19.18	PO	765kv wardha pg -hydrabad line crossing work
Chandrapur-II - Nanded	IntraState	19/06/2016	09.47	19/06/2016	19.28	PO	765kv wardha pg -hydrabad line crossing work
Lonikand I - Koyna stage-IV	IntraState	19/06/2016	10.52		Continued.	PO	Insulator Replacement Work
Bhusawal-Aurangabad	IntraState	19/06/2016	16.11		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	19/06/2016	16.33		Continued.	HT	Over Voltage
Lonikand 1 -Jejuri	IntraState	19/06/2016	20.24		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	18/06/2016	06.27	18/06/2016	10.48	T	NDR.
400/220KV 500MVA ICT-I @Nanded	IntraState	19/06/2016	11.11		Continued.	T	Tripped on NDR
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	18/06/2016	04.17	18/06/2016	04.48	T	A/R Successful From Nasik End Only, Line Tripped Only From Navsari End Only.
Nasik Navsari II	InterState	18/06/2016	05.12	18/06/2016	12.58	T	Distance Protection
Nasik Navsari I	InterState	18/06/2016	06.40	18/06/2016	16.20	T	Distance Protection
Nasik Navsari II	InterState	19/06/2016	05.25	19/06/2016	14.18	T	Distance Protection
Nasik Navsari I	InterState	19/06/2016	05.43	19/06/2016	14.50	T	A/R Succesful,Line Tripped only from Navasari End,Hand Tripped from Nasik @ 06.35 Hrs.
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.

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 18/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 19/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Kandalgaon - Pirangut	IntraState	18/06/2016	03.55	18/06/2016	17.55	HT	A/R Operated More Than 6 Time.
Kalwa-Salsette-VI	IntraState	19/06/2016	10.32	19/06/2016	13.39	PO	pre monsoon chek
Kalwa Salsette III	IntraState	19/06/2016	10.44	19/06/2016	17.10	PO	Annual Maintenance Work
Adlabs - Pedambe	IntraState	19/06/2016	15.28		Continued.	T	Distance Protection
Kandalgaon - Pirangut	IntraState	19/06/2016	16.30	19/06/2016	22.45	PO	Tourus measurement and disc washing
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 200mva Ptr No 1 @Theur	IntraState	18/06/2016	09.24	18/06/2016	20.25	PO	Testing Work
220/132 KV 200MVA ict 1@Nasik GCR	IntraState	18/06/2016	09.53	18/06/2016	10.53	PO	Routine Maintenance Work
220/132 kV 200MVA ICT-V @ Nashik	IntraState	18/06/2016	10.48	18/06/2016	16.37	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Nandurbar - Visarwadi	IntraState	18/06/2016	05.31	18/06/2016	10.35	T	Distance Protection

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