

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Jun/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.467	2402.279	1) Gujrat	-4.810	-76.676
2) Hydro	2.311	73.825	2) Madhya Pradesh	10.291	186.701
3) Gas	10.163	157.987	3) Chattisgarh	7.800	135.960
Total MSPGCL	121.941	2634.091	4) Maharashtra Net	100.681	2070.614
B) 1) APML	13.834	240.329	5) Goa (Amona)	-0.526	-13.894
2) JSWEL	20.062	377.316	6) TAPS 1&2 Injection	3.691	68.137
3) VIPL	12.875	220.548	7) RGPPL Injection	11.592	216.755
4) RPL(AMT)	14.786	352.515	8) Pench (MS)	0.133	1.026
5) WPCL	4.078	71.652	9) Pench (Excess)	-0.133	-1.026
6) Other IPP	4.422	88.369	Total	128.586	2586.571
C) 1) TPCL Thermal	15.976	310.838	a) Mumbai Schedule	24.159	513.408
2) TPCL Hydro	0.080	50.323	b) Mumbai Drawl	25.914	656.510
3) TPCL Gas	4.296	63.348	c) MSEDCL Bilateral *	36.355	696.827
4) R-INFRA Thermal	10.810	216.213	Include PX	-0.075	14.272
D) STATE			d) Mumbai Bilateral *	24.159	513.408
1) Thermal	206.310	4280.059	Include PX	5.142	121.312
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	2.391	124.148	H) ENERGY CATERED (MUs)		
3) Gas	14.459	221.335	1) MSEDCL	322.559	6515.953
4) Wind	27.357	581.464	2) Mumbai Discoms	57.075	1297.227
6) SOLAR	0.532	19.608	TOTAL STATE	379.634	7813.180
TOTAL STATE	251.049	5226.614			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4770	4625	4284	4464
MSPGCL Hydro	204	54	121	168
MSPGCL Gas	407	413	439	442
MSPGCL Total Generation	5381	5092	4844	5074
Central Sector Receipt	5585	5571	5930	5341
WIND	1187	1137	1325	941
CPP / IPP	3028	2984	2654	2808
SOLAR	52	122	0	0
Exchange with Mumbai	-1000	-1061	-1268	-1312
MSEDCL DEMAND MET	14233	13845	13485	12852
Load Shedding	0	0	0	0
MSEDCL DEMAND	14233	13845	13485	12852
TPCL GENERATION	915	916	702	700
R-INFRA GENERATION	459	403	401	403
MUMBAI DEMAND	2374	2380	2371	2415
STATE DEMAND MET	16607	16225	15856	15267
STATE DEMAND	16607	16225	15856	15267
Frequency (Hz)	49.99	49.97	49.95	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06:00 Hrs	49.81 Hz at 00 ;22 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 19/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	3.37	70.71	157	120
Unit 8	9.61	207.82	509	116
Total	12.99	334.43		
Bhusawal				
Unit 2	0.00	42.14	0	0
Unit 3	3.96	73.40	175	160
Unit 4	10.16	152.56	500	350
Unit 5	10.28	184.03	500	355
Total	24.40	452.14		
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	4.44	62.98	197	164
Unit 4	4.29	79.99	185	162
Unit 5	9.96	163.11	440	365
Unit 6	10.16	184.88	450	360
Unit 7	9.42	163.17	410	365
Unit 8	0.00	43.57	0	0
Total	38.27	697.70		
Paras				
Unit 3	5.72	104.77	256	195
Unit 4	3.66	102.17	176	117
Total	9.38	206.94		
Khaparkheda				
Unit 1	3.80	66.84	165	145
Unit 2	3.78	72.10	170	135
Unit 3	4.34	73.19	195	164
Unit 4	4.28	74.03	195	165
Unit 5	0.00	183.60	0	0
Total	16.19	469.76		
Nasik				
Unit 3	4.12	67.26	200	165
Unit 4	0.02	74.62	23	0
Unit 5	4.10	79.69	197	165
Total	8.24	221.58		
Uran				
All Units	10.16	157.99	442	405
Total	10.16	157.99		
PENCH (MS)				
Pench (MS)	0.13	1.03	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	1.03		
Koyna				
Stage 1-2	1.06	26.82	55	40
Stage 4	0.00	9.31	0	0
Stage 3	0.10	9.86	52	0
Total	1.15	45.99		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.71	2.15	61	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	3.41	80	0
RNGR+BHTSA	0.21	2.94	9	8
BHANDARDRA	0.11	0.11	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.01	0.56	1	0
GHATGHAR	0.00	15.07	0	0
Total	1.16	27.84		
Wind				
Total	27.36	581.46	0	0
Total	27.36	581.46		
CPP				
APML(Mus)	13.83	240.33	0	0
JSWEL(Mus)	20.06	377.32	0	0
VIPL(Mus)	12.88	220.55	0	0
RPLAMT(Mus)	14.79	352.52	0	0
WPCL(Mus)	4.08	71.65	0	0
Other(Mus)	4.42	88.37	0	0
Total	70.06	1350.73		
SOLAR				
Total	0.53	19.61	0	0
Total	0.53	19.61		
Tata				
Trombay 5	10.35	202.31	488	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	38.82	115	114
Trombay 7B	1.55	24.52	65	64
Trombay 8	5.63	108.53	250	201
TATA Hydro	0.08	50.32	62	5
Total	20.35	424.51		
R-INFRA				
1-2	10.81	216.21	514	401
Total	10.81	216.21		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	1.37	MSPGCL Thermal	109.47	2402.28	MSPGCL Total	121.94	2634.09
Koradi 9	0.00	18.36	MSPGCL Thml+Gas	119.63	2560.27	Koyna 1,2 & 4 Total	1.06	36.12
Parli 8	0.00	0.00	MSPGCL Hydro	2.31	73.82	State Total	251.05	5226.61

Hourly Load Data As on 19/Jun/2016

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													
1	4595	53	407	5055	987	3188	0	5553	5926	-1415	13741	0	13741	2837	16578	49.89
2	4604	53	420	5077	932	3205	0	5490	5512	-1242	13484	0	13484	2661	16145	49.97
3	4557	74	419	5050	993	3209	0	5378	5110	-1158	13204	0	13204	2526	15730	49.98
4	4601	82	416	5099	1083	3165	0	5117	4946	-1011	13282	0	13282	2418	15700	49.99
5	4671	88	425	5184	1163	3000	0	5109	5115	-931	13531	0	13531	2354	15885	49.98
6	4793	63	426	5282	979	2993	0	5105	5212	-919	13547	0	13547	2343	15890	50.01
7	4793	59	405	5257	878	2996	2	5100	5497	-802	13828	0	13828	2229	16057	49.98
8	4860	64	416	5340	945	3002	8	5103	5428	-757	13966	0	13966	2187	16153	49.99
9	4786	115	429	5330	968	3019	20	5319	5353	-775	13915	0	13915	2199	16114	49.99
10	4758	146	423	5327	1104	3025	35	5582	5586	-850	14227	0	14227	2276	16503	49.99
11	4770	204	407	5381	1187	3028	52	5756	5585	-1000	14233	0	14233	2374	16607	49.99
12	4579	113	422	5114	1110	3006	87	5763	5373	-1076	13614	0	13614	2394	16008	49.98
13	4625	54	413	5092	1137	2984	122	5494	5571	-1061	13845	0	13845	2380	16225	49.97
14	4604	49	410	5063	1307	2925	91	5415	5215	-1036	13565	0	13565	2353	15918	50.00
15	4409	50	405	4864	1321	2765	52	5477	5326	-1023	13305	0	13305	2341	15646	49.99
16	4333	55	425	4813	1388	2606	38	5574	5505	-1017	13333	0	13333	2332	15665	49.99
17	4319	81	435	4835	1404	2627	16	5303	4850	-1027	12705	0	12705	2278	14983	50.02
18	4274	111	438	4823	1486	2650	8	5025	4766	-1160	12573	0	12573	2266	14839	50.01
19	4275	121	435	4831	1337	2637	1	4794	5549	-1228	13127	0	13127	2333	15460	49.97
20	4284	121	439	4844	1325	2654	0	5584	5930	-1268	13485	0	13485	2371	15856	49.95
21	4509	116	437	5062	1303	2797	0	5577	5263	-1296	13129	0	13129	2400	15529	49.94
22	4497	116	429	5042	1076	2890	0	5336	5350	-1249	13109	0	13109	2409	15518	49.95
23	4507	155	440	5102	1003	2878	0	5359	5270	-1301	12952	0	12952	2400	15352	49.99
24	4464	168	442	5074	941	2808	0	5749	5341	-1312	12852	0	12852	2415	15267	49.99
MUs	109.47	2.31	10.16	121.94	27.36	70.06	0.53	129.06	128.58	-25.91	322.55	0.00	322.55	57.08	379.63	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 19/Jun/2016

Position as on 6.30 Hrs of 20/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.	
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		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.	
RGPL	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	
RGPL	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	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.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/Jun/2016

Position as on 6.30 Hrs of 20/Jun/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 4	210	19/06/2016	00.20		Continued.	Water Shortage.	
MSPGCL	Nasik Unit 5	210	20/06/2016	05.00		Continued.	AC Failure	
MSPGCL	Nasik Unit 3	210	20/06/2016	05.00		Continued.	AC Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 20/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	19/06/2016	19.33	19/06/2016	21.26	T	Distance Protection
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	20/06/2016	03.44	20/06/2016	06.20	T	Distance Protection
400 KV LINE Outages/Trippings							
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
Lamboti - Solapur (PG)	InterState	20/06/2016	03.01	20/06/2016	05.48	T	Distance Protection
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).
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
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	20/06/2016	04.20	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
Bableshwar- Aurangabad (Waluj)	IntraState	20/06/2016	02.55		Continued.	T	Distance Protection
Dhule - Bableshwar - li	IntraState	20/06/2016	03.35		Continued.	T	Distance Protection
Dhule- Bableshwar - I	IntraState	20/06/2016	04.01		Continued.	T	Distance Protection
Babhaleshwar - Bhusawal II	IntraState	20/06/2016	06.35		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	20/06/2016	06.35		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
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	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.
Nasik Navsari I	InterState	20/06/2016	01.02		Continued.	T	Distance Protection
Nasik Navsari II	InterState	20/06/2016	02.35		Continued.	T	Distance Protection
Borivali - Tarapur	InterState	20/06/2016	04.10	20/06/2016	04.22	T	Distance Protection
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.
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-

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 19/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 20/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Borivali (Charge upto 51/1).
Kalwa-Salsette-VI	IntraState	19/06/2016	10.32	19/06/2016	13.39	PO	pre monsoon check
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
Kandurgaon - Pirangut	IntraState	19/06/2016	16.30	19/06/2016	22.45	PO	Tourus measurement and disc washing
Kamba - Kolshet	IntraState	20/06/2016	01.08		Continued.	T	Distance Protection
Padghe - Nalasopara	IntraState	20/06/2016	01.12	20/06/2016	01.56	T	Distance Protection
Babhaleshwar - Degaon Rangari	IntraState	20/06/2016	02.10		Continued.	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	20/06/2016	03.30	20/06/2016	05.02	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshwar-I	IntraState	20/06/2016	03.30	20/06/2016	04.58	T	Distance Protection
220KV Chalisagaon-Kopergaon	IntraState	20/06/2016	04.13	20/06/2016	04.30	T	Distance Protection
Bableshwar Ahamadnagar-I	IntraState	20/06/2016	04.14	20/06/2016	05.01	T	Distance Protection
Bableshwar -Ahamadnagar-I	IntraState	20/06/2016	04.14	20/06/2016	04.53	T	Distance Protection
Boisar(M) - Ghodbunder	IntraState	20/06/2016	04.18	20/06/2016	04.45	T	Distance Protection
Eklahare (Gcr) - Ghatghar	IntraState	20/06/2016	04.35	20/06/2016	04.57	T	Distance Protection
220KV Chalisagaon-Kopergaon	IntraState	20/06/2016	05.28	20/06/2016	06.00	T	Distance Protection
Padghe - Nalasopara	IntraState	20/06/2016	06.06		Continued.	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	20/06/2016	06.09	20/06/2016	06.20	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