

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Jun/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.452	2199.245	1) Gujrat	-0.031	38.314
2) Hydro	3.534	178.242	2) Madhya Pradesh	10.144	253.889
3) Gas	4.766	104.909	3) Chattisgarh	5.260	83.280
Total MSPGCL	117.752	2482.396	4) Maharashtra Net	69.917	1755.657
B) 1) APML	41.450	1022.730	5) Goa	-5.485	-125.257
2) JSWEL	15.018	295.109	6) TAPS 1&2 Injection	3.064	41.738
3) VIPL	9.168	196.214	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	6.370	96.230	8) Pench (MS)	0.188	1.787
5) WPCL	2.654	117.572	9) Pench (Excess)	-0.188	-1.191
6) Other IPP	3.682	96.072	Total	82.681	2046.430
C) 1) TPCL Thermal	12.381	289.566	a) Mumbai Schedule	21.166	484.980
2) TPCL Hydro	2.142	61.931	b) Mumbai Drawl	24.830	552.208
3) TPCL Gas	2.607	51.926	c) MSEDCL Bilateral *	25.977	559.738
4) R-INFRA Thermal	6.153	205.189	Include PX	-0.357	-1.735
D) STATE			d) Mumbai Bilateral *	21.166	482.480
1) Thermal	206.328	4517.927	Include PX	0.599	30.923
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.500
2) Hydro	5.676	240.173	H) ENERGY CATERED (MUs)		
3) Gas	7.373	156.835	1) MSEDCL	287.230	6181.101
4) Wind	32.403	360.807	2) Mumbai Discoms	48.113	1160.800
6) SOLAR	0.882	18.493	TOTAL STATE	335.343	7341.901
TOTAL STATE	252.662	5294.235			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4478	4594	4637	4382
MSPGCL Hydro	84	105	470	72
MSPGCL Gas	251	125	187	256
MSPGCL Total Generation	4813	4824	5294	4710
Central Sector Receipt	4496	3634	3909	2768
WIND	1310	1397	1263	1377
CPP / IPP	3363	3295	3080	3314
SOLAR	61	135	0	0
Exchange with Mumbai	-1123	-1416	-1046	-645
MSEDCL DEMAND MET	12920	11869	12500	11524
Load Shedding	41	42	32	40
MSEDCL DEMAND	12961	11911	12532	11564
TPCL GENERATION	657	811	816	658
R-INFRA GENERATION	257	256	257	257
MUMBAI DEMAND	2037	2483	2119	1560
STATE DEMAND MET	14957	14352	14619	13084
STATE DEMAND	14998	14394	14651	13124
Frequency (Hz)	50.01	50.03	49.89	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 23.34 Hrs	49.69 Hz at 19.23 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 19/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.79	49.84	155	0
Unit 6	0.00	0.00	0	0
Unit 7	3.65	36.32	164	135
Total	6.44	86.16		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.08	28.99	175	165
Unit 4	9.25	179.84	395	360
Unit 5	9.12	153.64	390	370
Total	22.45	362.48		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.53	67.55	152	143
Unit 6	4.72	90.82	212	192
Unit 7	4.63	93.00	198	187
Total	12.88	298.35		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.28	59.99	145	125
Unit 3	3.68	77.76	172	129
Unit 4	3.47	76.27	160	130
Unit 5	8.60	175.67	375	320
Unit 6	0.00	84.60	0	0
Unit 7	6.69	127.39	320	234
Total	25.73	601.67		
Paras				
Unit 3	4.34	94.39	186	168
Unit 4	4.51	97.11	206	145
Total	8.84	191.50		
Khaparkheda				
Unit 1	2.84	61.99	145	90
Unit 2	3.32	66.42	160	125
Unit 3	3.96	75.21	175	152
Unit 4	3.75	72.34	166	149
Unit 5	8.76	152.82	395	350
Total	22.62	428.79		
Nasik				
Unit 3	4.41	87.24	195	175
Unit 4	1.68	57.16	180	0
Unit 5	4.41	85.89	188	175
Total	10.49	230.29		
Uran				
All Units	4.77	104.91	260	125
Total	4.77	104.91		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.19	1.79	43	0
Total	0.19	1.79		
Koyna				
Stage 1-2	1.32	64.47	170	40
Stage 4	0.00	43.66	0	0
Stage 3	0.60	24.86	160	0
Total	1.91	132.99		
Hydro				
KDPH	0.32	5.48	14	13
VTRNA	0.00	8.82	0	0
TILLARI	0.00	1.93	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	3.40	80	0
RNGR+BHTSA	0.12	3.57	9	0
BHANDARDRA	0.00	0.63	0	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.32	4.21	21	10
GHATGHAR	0.64	16.17	240	0
Total	1.62	45.26		
Wind				
Total	32.40	360.81	0	0
Total	32.40	360.81		
CPP				
APML(Mus)	41.45	1022.73	0	0
JSWEL(Mus)	15.02	295.11	0	0
VIPL(Mus)	9.17	196.21	0	0
RPLAMT(Mus)	6.37	96.23	0	0
WPCL(Mus)	2.65	117.57	0	0
Other(Mus)	3.68	96.07	0	0
Total	78.34	1823.93		
SOLAR				
Total	0.88	18.49	0	0
Total	0.88	18.49		
Tata				
Trombay 5	7.62	177.41	360	311
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.45	29.56	71	59
Trombay 7B	1.16	22.37	53	47
Trombay 8	4.76	98.35	203	191
TATA Hydro	2.14	61.93	261	0
Total	17.13	403.42		
R-INFRA				
1-2	6.15	205.19	258	255
Total	6.15	205.19		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	109.45	2199.24
MSPGCL Thml+Gas	114.22	2304.15

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	3.53	178.24
MSPGCL Total	117.75	2482.40

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.32	108.12
State Total	252.66	5294.24

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Jun/2015

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	4459	71	260	4790	1414	3549	0	3551	2923	-906	11770	53	11823	1779	13602	49.97
2	4475	76	257	4808	1334	3450	0	3009	2995	-759	11828	40	11868	1635	13503	49.99
3	4382	72	256	4710	1377	3314	0	2998	2768	-645	11524	40	11564	1560	13124	49.97
4	4457	92	255	4804	1342	3169	0	2857	2907	-651	11571	40	11611	1528	13139	50.00
5	4408	77	255	4740	1303	3246	0	2875	3081	-659	11711	40	11751	1538	13289	50.01
6	4449	72	253	4774	1290	3274	0	3119	3478	-727	12089	40	12129	1601	13730	50.06
7	4439	77	246	4762	1024	3345	5	3755	4167	-809	12494	40	12534	1686	14220	49.98
8	4486	77	251	4814	1167	3344	19	4207	4292	-941	12695	41	12736	1817	14553	50.00
9	4478	84	251	4813	1310	3363	61	4446	4496	-1123	12920	41	12961	2037	14998	50.01
10	4509	130	125	4764	1472	3215	88	4408	3979	-1256	12262	41	12303	2292	14595	49.99
11	4489	163	127	4779	1469	3253	108	3818	3908	-1279	12238	44	12282	2429	14711	49.91
12	4431	153	125	4709	1519	3227	125	3865	3829	-1313	12096	44	12140	2489	14629	49.93
13	4594	105	125	4824	1397	3295	135	3773	3634	-1416	11869	42	11911	2483	14394	50.03
14	4639	74	125	4838	1281	3287	102	3663	3198	-1266	11440	31	11471	2346	13817	49.94
15	4701	74	128	4903	1374	3396	62	3592	3396	-1188	11943	31	11974	2276	14250	49.86
16	4774	70	146	4990	1503	3378	69	3318	3063	-1110	11893	32	11925	2191	14116	49.90
17	4768	65	147	4980	1435	3269	69	3103	2755	-1164	11344	32	11376	2126	13502	49.99
18	4714	80	154	4948	1598	3280	29	2586	2602	-1166	11291	32	11323	2092	13415	50.00
19	4740	75	176	4991	1444	3212	10	2909	2891	-1172	11376	32	11408	2092	13500	50.00
20	4630	207	193	5030	1227	3162	0	3558	4016	-1067	12368	32	12400	2112	14512	49.89
21	4637	470	187	5294	1263	3080	0	3558	3909	-1046	12500	32	12532	2119	14651	49.89
22	4640	478	209	5327	1353	3099	0	3558	3697	-1086	12390	32	12422	2062	14484	49.97
23	4584	359	255	5198	1218	3099	0	3602	3564	-1100	11979	32	12011	1971	13982	49.99
24	4599	333	260	5192	1289	3036	0	3515	3133	-981	11669	32	11701	1852	13553	50.06
MUs	109.48	3.53	4.77	117.78	32.40	78.34	0.88	83.64	82.68	-24.83	287.26	0.90	288.16	48.11	336.27	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 19/Jun/2015

Position as on 6.30 Hrs of 20/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling work	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
IPP	Adani U-1	660	01/06/2015	01.48		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 6	500	09/06/2015	23.58		Continued.	COH	
MSPGCL	Khaparkheda Unit 4	210	19/06/2015	23.57		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		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	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
IPP	RPL(AMT) U-2	270	01/06/2015	06.53		Continued.	Coal bunkering problem	
TPC-G	Trombay 6	500	05/06/2015	05.59		Continued.	Economic Shutdown.	
MSPGCL	Koyna STG- IV Unit - 1	250	09/06/2015	14.22		Continued.	Excitation major problem.	
MSPGCL	Nasik Unit 4	210	13/06/2015	22.05	19/06/2015	10.43	Boiler Validity extension work	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Coal Shortage	
RINFRA-G	REL Unit 2	250	16/06/2015	23.13		Continued.	Control instrument card failure.	
MSPGCL	Uran Unit A0	120	19/06/2015	09.14	19/06/2015	21.01	Tripped	
MSPGCL	Uran Unit 5	108	19/06/2015	09.14	19/06/2015	14.56	Tripped	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/Jun/2015

Position as on 6.30 Hrs of 20/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-4	270	19/06/2015	18.59	20/06/2015	00.21	Generator Protection operated	
IPP	RPL(AMT) U-1	270	19/06/2015	18.59	19/06/2015	21.26	Generator Protection operated	
MSPGCL	Koradi Unit 5	200	19/06/2015	19.03	19/06/2015	23.50	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 20/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	17/06/2015	12.52		Continued.	T	Convertor transformer diff prot optd.
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Dhule Sar'Sarovar I	InterState	17/06/2015	19.00		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	18/06/2015	16.42	19/06/2015	09.17	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	18/06/2015	22.51	19/06/2015	06.39	HT	Over Voltage
Kolhapur Mapusa I	InterState	19/06/2015	16.41		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	19/06/2015	20.47		Continued.	HT	Over Voltage
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
New Koyna - Dabhol-I	IntraState	08/06/2015	10.05		Continued.	PO	Outage (RFC 16.07Hrs)
Babhaleshwar-Taptitanda ckt-II	IntraState	12/06/2015	16.20		Continued.	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	15/06/2015	14.58		Continued.	PO	Taken on TBC to Attend Oil Leakage on Own CB.
Karad - Lonikand 1	IntraState	18/06/2015	09.26	19/06/2015	09.16	PO	Relay testing RFC 18.06hrs.
karad -kolhapur-II	IntraState	18/06/2015	16.57	19/06/2015	09.25	HT	Over Voltage
Karad-Jaigad - I	IntraState	18/06/2015	21.06		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	18/06/2015	21.32	19/06/2015	07.09	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	19/06/2015	13.10		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	19/06/2015	16.32		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	19/06/2015	17.08	20/06/2015	00.11	PO	Distance Protection
Kalwa - Kharghar	IntraState	19/06/2015	17.09	19/06/2015	17.25	T	Distance Protection
Akola II - RPL(Rattanindia) Ckt I	IntraState	19/06/2015	18.59	20/06/2015	05.43	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	19/06/2015	21.16		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	15/06/2015	09.10		Continued.	PO	LV Side Taken on TBC Bay Work.
220 KV LINE Outages/Trippings							
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 deenergising 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 deenergising the line bet.86 to 107.
Khaparkheda-Kaulewada-II	IntraState	19/06/2015	10.03	19/06/2015	13.22	PO	Fixing of Pilot string to jumper suspension clamp
Pophli Pedhmbe Line- 1	IntraState	19/06/2015	10.10	19/06/2015	14.40	PO	Routine Maintenance Work
Waluj-Padegaon I	IntraState	19/06/2015	10.56	19/06/2015	17.01	PO	Half yearly maintenance work
Kanhan-Umred 1	IntraState	19/06/2015	11.56	19/06/2015	16.16	PO	Tan Delta Measurment of CTs
Dahanu Ghodbunder Line 1	IntraState	19/06/2015	13.37	19/06/2015	14.25	PO	Tree cutting work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132kv 200mva Emco Ict @Kurkumbh	IntraState	17/06/2015	09.50	19/06/2015	22.15	PO	C and R panel replacement.
200MVA ICT VI @ Nasik GCR	IntraState	18/06/2015	11.40		Continued.	HT	Attending Oil Leakage
220/132 Kv 100 Mva Emco Ict @Shahada	IntraState	19/06/2015	08.10	19/06/2015	19.15	PO	Replacement of 132KV Breaker
132 KV LINE Outages/Trippings							

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/2015

Statement-VII

Position as on 6.30 Hrs of 20/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Khadka - Malkapur	IntraState	19/06/2015	15.41	19/06/2015	15.58	T	Distance Protection
Arvi - Talegaon	IntraState	19/06/2015	17.30	19/06/2015	18.20	T	Distance Protection
Talegaon-Tiwasa	IntraState	19/06/2015	17.32	19/06/2015	17.45	T	Distance Protection