

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Jun/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.664	2089.793	1) Gujrat	2.792	38.345
2) Hydro	4.092	174.708	2) Madhya Pradesh	12.334	243.745
3) Gas	6.465	100.143	3) Chattisgarh	5.190	78.020
Total MSPGCL	121.221	2364.644	4) Maharashtra Net	78.099	1685.740
B) 1) APMIL	49.230	981.280	5) Goa	-5.801	-119.772
2) JSWEL	9.547	280.091	6) TAPS 1&2 Injection	3.070	38.674
3) VIPL	6.335	187.046	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.650	89.860	8) Pench (MS)	0.000	1.599
5) WPCL	2.722	114.918	9) Pench (Excess)	0.065	-1.003
6) Other IPP	3.982	92.390	Total	95.749	1963.749
C) 1) TPCL Thermal	15.391	277.185	a) Mumbai Schedule	20.887	463.814
2) TPCL Hydro	3.647	59.789	b) Mumbai Drawl	27.205	527.378
3) TPCL Gas	2.582	49.319	c) MSEDCL Bilateral *	23.438	533.761
4) R-INFRA Thermal	6.161	199.036	Include PX	-0.373	-1.378
D) STATE			d) Mumbai Bilateral *	18.387	461.314
1) Thermal	208.682	4311.599	Include PX	0.764	30.324
(A1+C1+C4+(B1-B6))			Include Standby	2.500	2.500
2) Hydro	7.739	234.497	H) ENERGY CATERED (MUs)		
3) Gas	9.047	149.462	1) MSEDCL	296.635	5893.683
4) Wind	29.605	328.404	2) Mumbai Discoms	54.985	1112.687
6) SOLAR	0.799	17.611	TOTAL STATE	351.620	7006.370
TOTAL STATE	255.872	5041.573			

* 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 4 Hrs
MSPGCL Thermal	4767	4734	4618	4476
MSPGCL Hydro	289	79	665	81
MSPGCL Gas	274	268	265	275
MSPGCL Total Generation	5330	5081	5548	4832
Central Sector Receipt	4631	4780	4133	3224
WIND	1039	1181	1284	1135
CPP / IPP	3638	3026	3479	3091
SOLAR	118	139	0	0
Exchange with Mumbai	-1434	-1322	-1319	-724
MSEDCL DEMAND MET	13322	12885	13125	11558
Load Shedding	39	37	32	37
MSEDCL DEMAND	13361	12922	13157	11595
TPCL GENERATION	1131	1270	994	626
R-INFRA GENERATION	256	257	257	258
MUMBAI DEMAND	2821	2849	2570	1608
STATE DEMAND MET	16143	15734	15695	13166
STATE DEMAND	16182	15771	15727	13203
Frequency (Hz)	49.93	49.95	49.84	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 17:02 Hrs	49.64 Hz at 19:40 Hrs	49.95	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/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.36	47.06	150	105
Unit 6	0.00	0.00	0	0
Unit 7	3.71	32.67	168	145
Total	7.07	79.73		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.10	24.91	180	160
Unit 4	9.22	170.60	395	370
Unit 5	9.16	144.52	390	370
Total	22.48	340.03		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.62	64.02	158	146
Unit 6	4.67	86.10	201	182
Unit 7	4.59	88.37	195	187
Total	12.88	285.47		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.38	56.71	153	125
Unit 3	3.72	74.07	189	123
Unit 4	3.60	72.80	180	120
Unit 5	8.84	167.06	410	350
Unit 6	0.00	84.60	0	0
Unit 7	7.74	120.70	360	228
Total	27.28	575.94		
Paras				
Unit 3	4.74	90.06	221	182
Unit 4	4.47	92.61	207	160
Total	9.21	182.66		
Khaparkheda				
Unit 1	3.14	59.15	155	100
Unit 2	3.51	63.10	165	125
Unit 3	3.58	71.25	168	129
Unit 4	3.72	68.60	163	140
Unit 5	9.00	144.06	405	350
Total	22.94	406.16		
Nasik				
Unit 3	4.40	82.83	195	175
Unit 4	0.00	55.48	0	0
Unit 5	4.41	81.48	187	177
Total	8.80	219.80		
Uran				
All Units	6.46	100.14	280	252
Total	6.46	100.14		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	1.60	0	0
Total	0.00	1.60		
Koyna				
Stage 1-2	1.97	63.16	435	40
Stage 4	0.00	43.66	0	0
Stage 3	0.45	24.27	174	0
Total	2.42	131.08		
Hydro				
KDPH	0.32	5.16	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.	0.17	3.18	80	0
RNGR+BHTSA	0.21	3.44	9	8
BHANDARDRA	0.00	0.63	0	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.36	3.89	21	12
GHATGHAR	0.62	15.54	238	0
Total	1.67	43.63		
Wind				
Total	29.60	328.40	0	0
Total	29.60	328.40		
CPP				
APML(Mus)	49.23	981.28	0	0
JSWEL(Mus)	9.55	280.09	0	0
VIPL(Mus)	6.34	187.05	0	0
RPLAMT(Mus)	4.65	89.86	0	0
WPCL(Mus)	2.72	114.92	0	0
Other(Mus)	3.98	92.39	0	0
Total	76.47	1745.58		
SOLAR				
Total	0.80	17.61	0	0
Total	0.80	17.61		
Tata				
Trombay 5	9.95	169.80	491	314
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.43	28.11	60	59
Trombay 7B	1.15	21.21	49	47
Trombay 8	5.44	93.59	251	196
TATA Hydro	3.65	59.79	427	0
Total	21.62	386.29		
R-INFRA				
1-2	6.16	199.04	258	255
Total	6.16	199.04		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	110.66	2089.79
MSPGCL Thml+Gas	117.13	2189.94

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.09	174.71
MSPGCL Total	121.22	2364.64

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.97	106.81
State Total	255.87	5041.57

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	4475	316	278	5069	1140	3083	0	3884	3646	-950	11988	51	12039	1913	13952	49.96
2	4461	105	278	4844	1171	3096	0	3793	3472	-856	11727	37	11764	1736	13500	50.01
3	4491	101	277	4869	1085	3120	0	3464	3622	-766	11930	37	11967	1651	13618	49.99
4	4476	81	275	4832	1135	3091	0	3464	3224	-724	11558	37	11595	1608	13203	50.01
5	4511	86	278	4875	1271	3110	0	3531	3130	-719	11667	37	11704	1605	13309	49.97
6	4517	86	279	4882	1249	3046	0	3826	3750	-786	12141	38	12179	1696	13875	49.97
7	4534	81	280	4895	1040	3271	4	3952	3965	-900	12275	38	12313	1806	14119	49.99
8	4692	81	277	5050	1137	3414	26	4188	4311	-1077	12861	38	12899	1977	14876	50.00
9	4764	76	275	5115	1104	3506	54	4281	4254	-1203	12830	41	12871	2282	15153	50.00
10	4752	188	273	5213	1030	3670	94	4474	4556	-1315	13248	41	13289	2621	15910	50.00
11	4767	289	274	5330	1039	3638	118	4502	4631	-1434	13322	39	13361	2821	16182	49.93
12	4716	146	263	5125	1082	3497	132	4743	4744	-1472	13108	37	13145	2868	16013	49.92
13	4734	79	268	5081	1181	3026	139	4590	4780	-1322	12885	37	12922	2849	15771	49.95
14	4667	74	267	5008	1215	2859	78	4532	4618	-1196	12582	32	12614	2700	15314	50.00
15	4624	79	266	4969	1340	2794	49	4563	4672	-1179	12645	32	12677	2696	15373	49.93
16	4670	84	260	5014	1307	2833	54	4605	4583	-1209	12582	32	12614	2693	15307	49.84
17	4642	73	260	4975	1509	2917	33	4363	4131	-1243	12322	32	12354	2681	15035	49.86
18	4664	86	264	5014	1501	2820	17	3920	3611	-1445	11518	32	11550	2652	14202	50.00
19	4632	342	263	5237	1300	2899	1	3175	3632	-1388	11681	32	11713	2602	14315	49.88
20	4618	665	265	5548	1284	3479	0	4023	4133	-1319	13125	32	13157	2570	15727	49.84
21	4585	486	264	5335	1362	3453	0	4108	3668	-1245	12573	32	12605	2472	15077	49.95
22	4610	198	252	5060	1369	3495	0	4082	3555	-1182	12297	32	12329	2342	14671	49.94
23	4570	217	264	5051	1361	3081	0	3969	3717	-1195	12015	32	12047	2171	14218	49.81
24	4492	73	265	4830	1393	3268	0	3832	3344	-1080	11755	32	11787	1974	13761	50.02
MUs	110.66	4.09	6.47	121.22	29.61	76.47	0.80	97.86	95.75	-27.21	296.64	0.86	297.50	54.99	352.48	49.95

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/2015

Position as on 6.30 Hrs of 19/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	
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-4	270	03/04/2015	11.42	18/06/2015	22.55	Boiler feed Pump problem.	
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	Uran Unit 5	108	11/06/2015	00.11		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	13/06/2015	22.05		Continued.	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.	
IPP	VIPL U-1	300	17/06/2015	20.40	18/06/2015	15.10	PRV of GT Optd.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 19/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
Kolhapur Solapur(PG) I	InterState	17/06/2015	03.05	18/06/2015	06.54	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/06/2015	19.00		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	18/06/2015	22.51		Continued.	HT	Over Voltage
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBL SR 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.
Switching Ckt I 401 CB @ Chandrapur	IntraState	15/06/2015	15:06		Continued.	PO	C B Maintenance work
Bhusawal-Aurangabad	IntraState	17/06/2015	17.38	18/06/2015	09.39	HT	Over Voltage
karad -kolhapur-II	IntraState	17/06/2015	17.47	18/06/2015	09.02	HT	Over Voltage
Karad-Jaigad - I	IntraState	17/06/2015	18.08	18/06/2015	09.09	HT	Over Voltage
Karad - Lonikand 1	IntraState	18/06/2015	09.26		Continued.	PO	Relay testing RFC 18.06hrs.
karad -kolhapur-II	IntraState	18/06/2015	16.57		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	18/06/2015	21.06		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	18/06/2015	21.32		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	11/06/2015	12.57		Continued.	PO	R Phase Jumper Reconnection
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							
Hingoli- Girawali	InterState	11/06/2015	20.10	18/06/2015	09.27	HT	To control Wardha-Y'mal L/L.
Khaparkhedha-Butibori 3	InterState	18/06/2015	07.43	18/06/2015	14.56	PO	Stringing work of Koradi II-K'kheda new line.
Talegaon(PG)-Talegaon(Ambi)-II	InterState	18/06/2015	13.27	18/06/2015	18.00	PO	Testing of CB and CT and bay maint.
Sahara-Urse	IntraState	03/03/2015	11.06	18/06/2015	18.46	PO	Tower erection work (90Days)
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.
Nanded-Ghatodi	IntraState	11/06/2015	20.56	18/06/2015	09.20	HT	To control Wardha-Y'mal L/L.
Khaparkhedha-Ambazari-I	IntraState	18/06/2015	06.43	18/06/2015	13.54	PO	Stringing work of Koradi II-K'kheda new line.
Boisar Versova Line	IntraState	18/06/2015	08.22	18/06/2015	23.37	HT	To control loading Boiser PG - Boiser line.
Pusad-Ghatodi	IntraState	18/06/2015	09.20	18/06/2015	15.25	HT	Outage on Pusad-Y'mal and Pusad-Bhugaon.
Yeotmal- Pusad	IntraState	18/06/2015	09.27	18/06/2015	15.08	PO	Stringing of E/W.
Bhugaon-Pusad	IntraState	18/06/2015	09.27	18/06/2015	15.08	PO	Stringing of E/W.
Hinjawadi I- Chinchwad	IntraState	18/06/2015	11.54	18/06/2015	19.00	HT	Outage on Urse-Sahara line.
Chinchwad- Parvati	IntraState	18/06/2015	12.07	18/06/2015	18.51	HT	Outage on Urse-Sahara line.
Urse-Chinchwad	IntraState	18/06/2015	12.16	18/06/2015	18.37	PO	Dimental E/W Sahara-Urse-chinchwad line.

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/2015

Statement-VII

Position as on 6.30 Hrs of 19/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Alephata-Pargaon(Kathapur)	IntraState	18/06/2015	12.46	18/06/2015	19.45	T	LA Burst.
Urse - Talegaon (Ambi) Ckt 2	IntraState	18/06/2015	12.50	18/06/2015	18.05	PO	Testing of CB and CT and bay maint.
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		Continued.	PO	C and R panel replacement.
220/100kv 200MVA ICT @ Ogalewadi	IntraState	18/06/2015	08.20	18/06/2015	11.05	PO	Attending Oil Leakage
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	18/06/2015	11.29	18/06/2015	12.59	PO	P.M.Work.
200MVA ICT VI @ Nasik GCR	IntraState	18/06/2015	11.40		Continued.	HT	Attending Oil Leakage
220/132-110 Kv 200 Mva Ptr 3 @Ichalkaranji-Ii	IntraState	18/06/2015	12.00	18/06/2015	14.30	PO	Relay testing work.
220/100 kv 200 MVA ICT II @Padghe	IntraState	18/06/2015	15.06	18/06/2015	17.22	PO	P.M.Work.

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