

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Jun/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.577	2916.615	1) Gujrat	3.776	59.917
2) Hydro	4.172	219.978	2) Madhya Pradesh	10.324	324.356
3) Gas	6.342	144.312	3) Chattisgarh	4.770	113.120
Total MSPGCL	114.091	3280.905	4) Maharashtra Net	59.620	2197.826
B) 1) APML	46.460	1331.900	5) Goa	-6.447	-169.481
2) JSWEL	18.786	406.684	6) TAPS 1&2 Injection	3.011	63.036
3) VIPL	9.171	260.507	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	6.550	145.650	8) Pench (MS)	0.242	2.386
5) WPCL	2.708	135.735	9) Pench (Excess)	-0.242	-1.765
6) Other IPP	4.147	121.816	Total	74.812	2587.009
C) 1) TPCL Thermal	12.362	378.087	a) Mumbai Schedule	21.898	630.962
2) TPCL Hydro	6.061	93.503	b) Mumbai Drawl	27.888	741.747
3) TPCL Gas	2.592	70.079	c) MSEDCL Bilateral *	10.529	666.942
4) R-INFRA Thermal	11.247	262.153	Include PX	-11.783	-58.293
D) STATE			d) Mumbai Bilateral *	21.898	627.512
1) Thermal	215.008	5959.147	Include PX	1.994	39.049
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.450
2) Hydro (A2+C2)	10.233	313.481	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	8.934	214.391	1) MSEDCL	293.519	8169.614
4) Wind	43.521	614.670	2) Mumbai Discoms	60.150	1545.540
6) SOLAR	1.161	24.655	TOTAL STATE	353.669	9715.154
TOTAL STATE	278.857	7126.344			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4468	4460	4362	4129
MSPGCL Hydro	213	104	849	67
MSPGCL Gas	256	260	262	274
MSPGCL Total Generation	4937	4824	5473	4470
Central Sector Receipt	3461	3113	3660	2325
WIND	2019	2067	1734	1589
CPP / IPP	3775	3354	3537	3827
SOLAR	125	168	5	0
Exchange with Mumbai	-1511	-1562	-1108	-709
MSEDCL DEMAND MET	12806	11964	13301	11502
Load Shedding	40	38	34	36
MSEDCL DEMAND	12846	12002	13335	11538
TPCL GENERATION	1006	966	1059	673
R-INFRA GENERATION	514	514	516	393
MUMBAI DEMAND	3031	3042	2683	1775
STATE DEMAND MET	15837	15006	15984	13277
STATE DEMAND	15877	15044	16018	13313
Frequency (Hz)	50.10	50.00	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 10.02 Hrs	49.56 Hz at 19.15 Hrs	50.01	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 26/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.22	73.79	145	86
Unit 6	0.00	0.00	0	0
Unit 7	3.45	61.81	170	120
Total	6.68	135.60		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.01	57.06	175	160
Unit 4	9.17	243.86	395	370
Unit 5	9.06	216.90	400	360
Total	22.24	517.83		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.58	92.36	158	143
Unit 6	0.00	115.43	0	0
Unit 7	4.91	122.01	238	173
Total	8.50	376.77		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.32	81.66	150	119
Unit 3	4.09	92.30	176	164
Unit 4	3.92	101.44	170	155
Unit 5	7.02	215.97	371	0
Unit 6	0.00	84.60	0	0
Unit 7	8.33	180.76	375	301
Total	26.66	756.74		
Paras				
Unit 3	4.64	127.01	210	170
Unit 4	4.63	128.27	208	155
Total	9.27	255.28		
Khaparkheda				
Unit 1	0.00	70.28	0	0
Unit 2	3.69	89.82	170	115
Unit 3	4.06	103.37	184	154
Unit 4	0.00	72.34	0	0
Unit 5	9.41	217.10	420	360
Total	17.16	552.93		
Nasik				
Unit 3	4.33	117.34	190	170
Unit 4	4.37	87.63	190	176
Unit 5	4.38	116.50	188	174
Total	13.08	321.47		
Uran				
All Units	6.34	144.31	275	254
Total	6.34	144.31		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.24	2.39	49	0
Total	0.24	2.39		
Koyna				
Stage 1-2	1.66	77.40	300	40
Stage 4	0.26	45.52	241	0
Stage 3	1.02	34.52	240	0
Total	2.94	157.45		
Hydro				
KDPH	0.00	5.97	0	0
VTRNA	0.00	9.50	0	0
TILLARI	0.37	4.61	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	6.26	80	0
RNGR+BHTSA	0.22	4.01	10	9
BHANDARDRA	0.19	2.84	8	7
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.15	5.32	13	4
GHATGHAR	0.00	22.97	0	0
Total	1.23	62.53		
Wind				
Total	43.52	614.67	0	0
Total	43.52	614.67		
CPP				
APML(Mus)	46.46	1331.90	0	0
JSWEL(Mus)	18.79	406.68	0	0
VIPL(Mus)	9.17	260.51	0	0
RPLAMT(Mus)	6.55	145.65	0	0
WPCL(Mus)	2.71	135.74	0	0
Other(Mus)	4.15	121.82	0	0
Total	87.82	2402.29		
SOLAR				
Total	1.16	24.66	0	0
Total	1.16	24.66		
Tata				
Trombay 5	7.55	231.32	318	306
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.43	39.59	60	59
Trombay 7B	1.16	30.49	49	48
Trombay 8	4.81	132.97	206	184
TATA Hydro	6.06	93.50	433	45
Total	21.02	541.67		
R-INFRA				
1-2	11.25	262.15	517	393
Total	11.25	262.15		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	103.58	2916.62
MSPGCL Thml+Gas	109.92	3060.93

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.17	219.98
MSPGCL Total	114.09	3280.90

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.92	122.93
State Total	278.86	7126.34

Hourly Load Data As on 26/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	3907	67	275	4249	1663	3732	0	3347	3384	-1028	12000	50	12050	2121	14171	50.00
2	3965	66	275	4306	1643	3780	0	2880	3257	-859	12127	36	12163	1908	14071	50.00
3	3991	67	275	4333	1649	3791	0	2549	2583	-762	11594	36	11630	1823	13453	49.99
4	4129	67	274	4470	1589	3827	0	2368	2325	-709	11502	36	11538	1775	13313	49.99
5	4219	62	274	4555	1623	3833	0	2329	2508	-709	11810	36	11846	1777	13623	50.00
6	4262	61	274	4597	1536	3896	0	2830	3163	-791	12401	39	12440	1875	14315	50.02
7	4323	66	272	4661	1591	4022	5	3491	3728	-902	13105	39	13144	1985	15129	50.00
8	4450	66	272	4788	1688	4075	28	3672	3778	-1049	13308	39	13347	2150	15497	50.04
9	4449	66	254	4769	2002	4106	68	3917	3621	-1195	13371	42	13413	2463	15876	50.03
10	4417	169	255	4841	1953	4069	112	4045	3226	-1385	12816	42	12858	2819	15677	50.01
11	4468	213	256	4937	2019	3775	125	3565	3461	-1511	12806	40	12846	3031	15877	50.10
12	4454	215	257	4926	2016	3719	138	3309	2948	-1514	12233	38	12271	3045	15316	50.00
13	4460	104	260	4824	2067	3354	168	2911	3113	-1562	11964	38	12002	3042	15044	50.00
14	4406	88	258	4752	2060	3384	137	2537	2878	-1455	11756	33	11789	2938	14727	49.98
15	4375	85	258	4718	2024	3365	146	2927	2737	-1462	11528	31	11559	2993	14552	49.98
16	4401	61	259	4721	2044	3357	107	3303	2558	-1480	11307	31	11338	3004	14342	50.00
17	4441	66	260	4767	2074	3358	76	3131	2948	-1439	11784	31	11815	2967	14782	50.00
18	4413	66	262	4741	2003	3354	38	2789	2591	-1368	11359	31	11390	2891	14281	50.05
19	4333	210	263	4806	1828	3336	8	2634	2617	-1245	11350	34	11384	2771	14155	50.01
20	4389	615	261	5265	1728	3423	0	3041	3454	-1209	12661	34	12695	2757	15452	49.97
21	4362	849	262	5473	1734	3537	5	3516	3660	-1108	13301	34	13335	2683	16018	50.02
22	4311	311	262	4884	1631	3542	0	3594	3747	-1055	12749	34	12783	2541	15324	49.92
23	4328	334	260	4922	1746	3597	0	3041	3158	-1032	12391	34	12425	2452	14877	50.03
24	4324	198	264	4786	1610	3590	0	2894	3369	-1059	12296	34	12330	2339	14669	49.98
MUs	103.58	4.17	6.34	114.09	43.52	87.82	1.16	74.62	74.81	-27.89	293.52	0.87	294.39	60.15	354.54	50.01

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 26/Jun/2015

Position as on 6.30 Hrs of 27/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								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		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	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	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	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	Koyana STG- IV Unit - 1	250	09/06/2015	14.22		Continued.	Excitation T/F Burst	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Coal Shortage	
RINFRA-G	REL Unit 1	250	22/06/2015	12.21		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	23/06/2015	01.23		Continued.	Boiler Validity Renevoation	
MSPGCL	Chandrapur Unit 5	500	24/06/2015	01.23	26/06/2015	02.02	Boiler Tube Leakage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Furnace Pressure High	
MSPGCL	Koyana Unit 2	75	25/06/2015	20.55		Continued.	LGB Cooler Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Jun/2015

Position as on 6.30 Hrs of 27/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	26/06/2015	11.53		Continued.	Turbine bearing Vabration high	
MSPGCL	Uran Unit B0	120	27/06/2015	06.16		Continued.	Tripped	
MSPGCL	Uran Unit 8	108	27/06/2015	06.16		Continued.	Tripped	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 27/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	25/06/2015	16.37	26/06/2015	11.09	HT	Over Voltage
Kolhapur Mapusa II	InterState	25/06/2015	17.00	26/06/2015	09.17	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	26/06/2015	03.01	26/06/2015	07.45	HT	Over Voltage
Kolhapur Mapusa I	InterState	26/06/2015	17.08		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	26/06/2015	17.16		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	27/06/2015	00.38		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)
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-Jaigad - I	IntraState	20/06/2015	17.10		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	21/06/2015	17.37	26/06/2015	06.21	T	Distance Protection R Ph E/F,AR Lockout @ Bblr End.
Babhaleshwar-Taptitanda ckt-II	IntraState	23/06/2015	16.53		Continued.	PO	E/W restringing work.
Bhusawal-Aurangabad	IntraState	23/06/2015	17.40		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	24/06/2015	04.10		Continued.	T	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	25/06/2015	08.22		Continued.	PO	Jumper rectification work(upto 04-07-2015)
Padghe - Kalwa- I	IntraState	25/06/2015	22.21	26/06/2015	00.14	EO	Repl.of carona ring
Lonikand I - Koyna stage-IV	IntraState	25/06/2015	23.28	26/06/2015	06.26	HT	Over Voltage
Khadka- Deepnagar Ckt 1	IntraState	26/06/2015	08.19	27/06/2015	06.18	PO	Tightening of Nut Bolt and Jumpering work
Girwali- Lonikand 2	IntraState	26/06/2015	09.24	26/06/2015	10.32	PO	To remove reactor ATO
Padghe - Talegaon (PG)	IntraState	26/06/2015	13.46	26/06/2015	15.55	PO	Line Maintenance work
Lonikand I - Koyna stage-IV	IntraState	26/06/2015	23.24		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.
400/220/33 Kv 315 Mva ICT II @Chandrapur	IntraState	21/06/2015	20.45		Continued.	T	Differential protection
400/220/33 Kv 315 Mva Ict 1 @Waluj	IntraState	26/06/2015	19.43		Continued.	T	Tripped due to Fire at LV side
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.
Waluj - Chitegaon I	IntraState	26/06/2015	10.30	26/06/2015	17.52	PO	Repl.of R Phase CT
Niwali - Pawas Line	IntraState	26/06/2015	13.50	26/06/2015	14.19	T	Tripped
Kharepatan -Pawas Line	IntraState	26/06/2015	13.50	26/06/2015	14.20	T	B phase to Earth
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	26/06/2015	20.29		Continued.	T	Breaker trouble indication
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault

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