

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Jul/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.304	3059.755	1) Gujrat	10.447	131.917
2) Hydro	8.069	252.188	2) Madhya Pradesh	9.605	477.676
3) Gas	6.041	188.570	3) Chattisgarh	2.400	161.460
Total MSPGCL	115.414	3500.513	4) Maharashtra Net	68.423	2918.508
B) 1) APLM	50.080	1500.110	5) Goa	-6.190	-199.680
2) JSWEL	25.533	590.034	6) TAPS 1&2 Injection	2.724	87.785
3) VIPL	4.942	257.721	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.510	392.708	8) Pench (MS)	0.200	5.031
5) WPCL	2.951	93.838	9) Pench (Excess)	-0.200	-4.643
6) Other IPP	2.798	114.557	Total	87.209	3573.023
C) 1) TPCL Thermal	16.129	513.692	a) Mumbai Schedule	23.835	795.705
2) TPCL Hydro	3.310	99.269	b) Mumbai Drawl	28.587	870.378
3) TPCL Gas	1.552	70.411	c) MSEDCL Bilateral *	21.552	1043.059
4) R-INFRA Thermal	9.776	322.568	Include PX	-2.129	192.052
D) STATE			d) Mumbai Bilateral *	22.460	790.235
1) Thermal	231.023	6844.983	Include PX	6.208	168.667
(A1+C1+C4+(B1-B6))			Include Standby	1.375	5.470
2) Hydro	11.379	351.457	H) ENERGY CATERED (MUs)		
3) Gas	7.593	258.981	1) MSEDCL	310.066	10337.667
4) Wind	31.233	1156.195	2) Mumbai Discoms	59.352	1876.317
6) SOLAR	0.983	29.346	TOTAL STATE	369.418	12213.984
TOTAL STATE	282.211	8640.962			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4193	4105	4280	4089
MSPGCL Hydro	185	158	938	159
MSPGCL Gas	266	264	262	263
MSPGCL Total Generation	4644	4527	5480	4511
Central Sector Receipt	4098	3874	3412	3304
WIND	1542	1560	1255	1206
CPP / IPP	4650	4576	4309	4019
SOLAR	131	146	0	0
Exchange with Mumbai	-1520	-1548	-1410	-727
MSEDCL DEMAND MET	13545	13135	13046	12313
Load Shedding	47	45	37	40
MSEDCL DEMAND	13592	13180	13083	12353
TPCL GENERATION	1031	990	1095	578
R-INFRA GENERATION	517	518	258	396
MUMBAI DEMAND	3068	3056	2763	1701
STATE DEMAND MET	16613	16191	15809	14014
STATE DEMAND	16660	16236	15846	14054
Frequency (Hz)	49.92	49.94	49.80	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18.04 Hrs	49.63 Hz at 19.13 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 31/Jul/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.22	46.65	150	125
Unit 6	0.00	0.00	0	0
Unit 7	3.54	100.17	160	130
Total	6.76	146.82		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.07	115.91	175	160
Unit 4	9.55	274.80	490	360
Unit 5	0.00	259.05	0	0
Total	13.62	649.76		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.18	0	0
Unit 5	0.00	19.87	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	37.92	0	0
Total	0.00	57.96		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.40	106.70	149	121
Unit 3	4.04	129.59	184	163
Unit 4	4.08	127.33	174	166
Unit 5	8.82	246.61	395	340
Unit 6	8.80	70.87	390	350
Unit 7	7.65	259.35	386	275
Total	36.78	940.46		
Paras				
Unit 3	4.70	156.63	213	182
Unit 4	5.11	159.76	236	188
Total	9.81	316.38		
Khaparkheda				
Unit 1	3.94	110.16	175	150
Unit 2	3.95	110.20	175	160
Unit 3	4.12	118.04	194	158
Unit 4	4.17	43.46	188	150
Unit 5	9.96	303.34	470	375
Total	26.13	685.21		
Nasik				
Unit 3	0.00	126.82	0	0
Unit 4	4.49	132.10	197	176
Unit 5	3.72	4.26	182	0
Total	8.21	263.17		
Uran				
All Units	6.04	188.57	267	129
Total	6.04	188.57		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.20	5.03	43	0
Total	0.20	5.03		
Koyna				
Stage 1-2	3.76	100.40	535	40
Stage 4	0.59	57.34	222	0
Stage 3	2.15	44.34	160	0
Total	6.50	202.09		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.68	0	0
TILLARI	0.00	2.25	0	0
BHTGR/VEER	0.08	1.86	4	3
BHIRA T.R.	0.40	9.15	80	0
RNGR+BHTSA	0.00	3.28	0	0
BHANDARDRA	0.62	8.23	26	25
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	1.50	10	8
GHATGHAR	0.42	22.16	125	0
Total	1.57	50.10		
Wind				
Total	31.23	1156.20	0	0
Total	31.23	1156.20		
CPP				
APML(Mus)	50.08	1500.11	0	0
JSWEL(Mus)	25.53	590.03	0	0
VIPL(Mus)	4.94	257.72	0	0
RPLAMT(Mus)	17.51	392.71	0	0
WPCL(Mus)	2.95	93.84	0	0
Other(Mus)	2.80	114.56	0	0
Total	103.81	2948.97		
SOLAR				
Total	0.98	29.35	0	0
Total	0.98	29.35		
Tata				
Trombay 5	10.49	329.50	493	314
Trombay 6	0.00	8.40	0	0
Trombay 7A	1.55	46.17	65	64
Trombay 7B	0.00	24.24	0	0
Trombay 8	5.64	175.80	252	200
TATA Hydro	3.31	99.27	288	0
Total	20.99	683.37		
R-INFRA				
1-2	9.78	322.57	518	257
Total	9.78	322.57		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	101.30	3059.76
MSPGCL Thml+Gas	107.34	3248.32

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.07	252.19
MSPGCL Total	115.41	3500.51

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.35	157.74
State Total	282.21	8640.96

Hourly Load Data As on 31/Jul/2015

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	4035	69	262	4366	1400	4471	0	3385	3420	-972	12685	57	12742	2007	14749	49.93
2	4068	135	262	4465	1432	4117	0	3227	3379	-868	12525	40	12565	1846	14411	49.97
3	4080	154	263	4497	1358	4256	0	3127	3296	-774	12633	40	12673	1750	14423	49.98
4	4089	159	263	4511	1206	4019	0	3018	3304	-727	12313	40	12353	1701	14054	49.97
5	4111	154	262	4527	1179	3958	0	3172	3407	-738	12333	40	12373	1715	14088	49.97
6	4156	215	263	4634	1057	4155	0	3675	4001	-805	13042	45	13087	1824	14911	49.98
7	4214	449	264	4927	1052	4369	3	3736	4212	-970	13593	47	13640	1963	15603	49.93
8	4306	645	264	5215	985	4700	25	3826	4275	-956	14244	49	14293	2144	16437	50.01
9	4335	640	266	5241	1182	4589	44	3958	3881	-994	13943	49	13992	2472	16464	49.98
10	4386	490	266	5142	1199	4658	59	4189	3939	-1256	13741	51	13792	2793	16585	49.94
11	4393	276	267	4936	1253	4570	115	4388	3986	-1486	13374	49	13423	3010	16433	49.96
12	4193	185	266	4644	1542	4650	131	4272	4098	-1520	13545	47	13592	3068	16660	49.92
13	4105	158	264	4527	1560	4576	146	3753	3874	-1548	13135	45	13180	3056	16236	49.94
14	4147	154	260	4561	1633	4343	120	3617	3328	-1387	12598	41	12639	2929	15568	49.95
15	4184	159	261	4604	1591	4070	137	3645	3952	-1375	12979	41	13020	2918	15938	49.87
16	4125	154	262	4541	1728	4091	106	3648	3879	-1417	12928	41	12969	2945	15914	49.98
17	4159	283	259	4701	1545	4129	63	3588	3935	-1387	12986	38	13024	2932	15956	49.97
18	4210	597	262	5069	1449	4032	34	3039	2871	-1553	11902	38	11940	2887	14827	50.01
19	4448	510	262	5220	1255	4324	0	3274	2343	-1494	11648	38	11686	2769	14455	49.99
20	4280	938	262	5480	1255	4309	0	3458	3412	-1410	13046	37	13083	2763	15846	49.80
21	4325	453	262	5040	1198	4373	0	3837	3794	-1370	13035	37	13072	2653	15725	49.94
22	4339	274	255	4868	1010	4222	0	3536	3740	-1315	12525	37	12562	2545	15107	49.99
23	4337	219	135	4691	1172	4503	0	3452	3813	-1182	12997	37	13034	2398	15432	49.93
24	4279	599	129	5007	992	4330	0	3288	3067	-1083	12313	37	12350	2266	14616	50.00
MUs	101.30	8.07	6.04	115.41	31.23	103.81	0.98	86.11	87.21	-28.59	310.06	1.02	311.08	59.35	370.44	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 31/Jul/2015

Position as on 6.30 Hrs of 01/Aug/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.	Refueling work	
IPP	VIPL U-1	300	14/07/2015	23.58		Continued.	AOH.	
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection	
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	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.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
TPC-G	Bhira PSU	150	09/06/2015	10.53		Continued.	Stator Earth Fault	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
IPP	Adani U-3	660	04/07/2015	15:03		Continued.	Super heater drain leakage.	
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	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
IPP	WPCL U-3	135	28/07/2015	08.07		Continued.	filter problem	
MSPGCL	Nasik Unit 3	210	28/07/2015	14.55	01/08/2015	05.20	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	31/07/2015	10.02	01/08/2015	23.28	Less Export Schedule.	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/Jul/2015

Position as on 6.30 Hrs of 01/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 5	210	31/07/2015	11.30	31/07/2015	12.58	Boiler Tripped.	
RINFRA-G	REL Unit 1	250	31/07/2015	17.16		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit A0	120	31/07/2015	22.01		Continued.	Bearing vibration high	
MSPGCL	Uran Unit 5	108	31/07/2015	22.18		Continued.	Bearing vibration high	
IPP	Adani U-1	660	01/08/2015	00.41		Continued.	Furnace Pressure High	
MSPGCL	Khaparkheda Unit 3	210	01/08/2015	09.03		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	01/08/2015	15.05	01/08/2015	16.50	Flame Failure	
MSPGCL	Koradi Unit-8	660	01/08/2015	21.06		Continued.	Problem in CRT Setting.	
CPP	WPCL U-4	135	01/08/2015	21.57		Continued.	Vibration problem in ID Fan	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 01/Aug/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	26/07/2015	10.55		Continued.	T	For Replacement of BHEL make smoothening Reactor (Outage upto 5.8.15)
Chandrapur - Padghe Hvdc Pole 1	IntraState	30/07/2015	23.17	31/07/2015	00.34	HT	Attending Hot Spot
400 KV LINE Outages/Trippings							
Kolhapur Mapusa II	InterState	30/07/2015	16.41	31/07/2015	08.20	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	30/07/2015	18.24	31/07/2015	08.05	HT	Over Voltage
Parli(MS)-Parli (PG) I	InterState	31/07/2015	11.27	31/07/2015	17.29	PO	Shifted Through TBC.
Kolhapur Mapusa II	InterState	31/07/2015	16.50	01/08/2015	09.54	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	31/07/2015	22.08	01/08/2015	08.48	HT	Over Voltage
Kolhapur Mapusa I	InterState	01/08/2015	16.38		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	30/07/2015	16.38	31/07/2015	09.33	HT	Over Voltage
Karad-Jaigad - I	IntraState	30/07/2015	16.41	31/07/2015	10.30	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/07/2015	21.10	31/07/2015	06.43	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/07/2015	21.24	31/07/2015	08.24	HT	Over Voltage
Padghe - Kharghar	IntraState	31/07/2015	06.04	31/07/2015	12.10	HT	Testing Work (Line Charged Through TBC).
Taptitanda Waluj	IntraState	31/07/2015	08.52	31/07/2015	19.07	PO	Routine Maintenance Work
Main Bus - I @ Deepnagar	IntraState	31/07/2015	10.05	31/07/2015	19.51	PO	Erection of CT,CB,IPS Tube Between Main Bus-I.
Khadka- Deepnagar Ckt 2	IntraState	31/07/2015	10.16	31/07/2015	20.15	PO	Erection of CT,CB,IPS Tube Between Main Bus-I.
karad -kolhapur-I	IntraState	31/07/2015	16.01	01/08/2015	08.56	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/07/2015	17.11	01/08/2015	09.11	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	31/07/2015	20.40	01/08/2015	06.55	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/07/2015	22.08	01/08/2015	07.02	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	01/08/2015	12.04		Continued.	PO	Line Crossing work of 765KV A'bad-Solapur D/C By PGCIL(RFC @ 11.38 Hrs).
Babhaleshwar-Taptitanda ckt-II	IntraState	01/08/2015	12.04		Continued.	PO	Line Crossing work of 765KV A'bad-Solapur D/C By PGCIL(RFC @ 11.38 Hrs).
karad -kolhapur-II	IntraState	01/08/2015	16.33		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/08/2015	17.05		Continued.	HT	Over Voltage
Girwali - Lonikand 1	IntraState	01/08/2015	17.31	01/08/2015	20.02	EO	Repl.of Jumper of Line Reactor Isolator
Bhusawal-Aurangabad	IntraState	01/08/2015	18.14		Continued.	HT	Over Voltage
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.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
Butibori - VIPL Ckt II	IntraState	29/07/2015	01.37	31/07/2015	17.54	HT	DC leakage work
Lamboti-Vita	IntraState	31/07/2015	04.28	31/07/2015	04.46	T	Distance Protection
Lonikand - Bhosari	IntraState	31/07/2015	13.10	31/07/2015	15.02	EO	To Attend Hot Spot on Bus Isolator.
Chalisingaon -Babhaleshwar	IntraState	31/07/2015	18.32	01/08/2015	13.34	T	Distance Protection

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 31/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 01/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Lamboti-Vita	IntraState	01/08/2015	06.18	01/08/2015	06.39	T	Distance Protection
Dhule-Chalisagaon	IntraState	01/08/2015	08.05	01/08/2015	19.00	PO	OPGW Work
Pedhambe - Oni	IntraState	01/08/2015	08.49	01/08/2015	17.40	T	Distance Protection
Boisar Versova Line	IntraState	01/08/2015	10.38		Continued.	HT	Overloading of Bhoiser PG Lines
Telco- Chinchwad	IntraState	01/08/2015	16.19	01/08/2015	18.33	PO	Main Breaker Problem
Lamboti-Vita	IntraState	01/08/2015	17.13	01/08/2015	19.22	EO	Repl.of Insulator String
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
132 KV LINE Outages/Trippings							
Nanded - Kandhar	IntraState	31/07/2015	21.03	31/07/2015	21.30	T	Distance Protection Operated Zone-I R Phase.
Tekepar-Kardha	IntraState	01/08/2015	06.16	01/08/2015	07.16	T	Distance Protection
Bhandara-Tekepar	IntraState	01/08/2015	06.16	01/08/2015	07.14	T	Distance Protection

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