

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jul/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.541	1168.493	1) Gujrat	1.935	43.428
2) Hydro	10.756	96.285	2) Madhya Pradesh	17.017	180.264
3) Gas	6.538	77.862	3) Chattisgarh	5.000	65.890
Total MSPGCL	110.835	1342.640	4) Maharashtra Net	103.773	1146.288
B) 1) APMIL	57.200	653.150	5) Goa	-6.400	-81.749
2) JSWEL	16.650	217.452	6) TAPS 1&2 Injection	2.859	34.598
3) VIPL	12.766	145.643	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	16.060	179.464	8) Pench (MS)	0.141	1.772
5) WPCL	2.408	35.012	9) Pench (Excess)	-0.141	-1.514
6) Other IPP	4.806	47.974	Total	124.043	1387.205
C) 1) TPCL Thermal	17.421	197.858	a) Mumbai Schedule	24.879	328.046
2) TPCL Hydro	0.329	39.115	b) Mumbai Drawl	25.397	343.907
3) TPCL Gas	4.312	42.826	c) MSEDCL Bilateral *	38.314	381.518
4) R-INFRA Thermal	6.201	118.171	Include PX	15.419	77.556
D) STATE			d) Mumbai Bilateral *	24.879	328.046
1) Thermal	227.053	2763.217	Include PX	2.985	42.158
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	11.085	135.400	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.850	120.688	1) MSEDCL	352.839	4142.152
4) Wind	32.254	463.293	2) Mumbai Discoms	53.659	741.880
6) SOLAR	1.214	12.712	TOTAL STATE	406.498	4884.032
TOTAL STATE	282.456	3495.310			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3891	3912	3954	3846
MSPGCL Hydro	542	795	199	48
MSPGCL Gas	271	270	273	267
MSPGCL Total Generation	4704	4977	4426	4161
Central Sector Receipt	6166	5728	5220	4604
WIND	1473	1398	1154	1443
CPP / IPP	4485	4584	4437	4573
SOLAR	156	174	0	0
Exchange with Mumbai	-1154	-1162	-1277	-888
MSEDCL DEMAND MET	15830	15699	13960	13893
Load Shedding	44	44	40	40
MSEDCL DEMAND	15874	15743	14000	13933
TPCL GENERATION	922	920	931	889
R-INFRA GENERATION	258	259	259	259
MUMBAI DEMAND	2334	2341	2467	2036
STATE DEMAND MET	18164	18040	16427	15929
STATE DEMAND	18208	18084	16467	15969
Frequency (Hz)	50.01	50.02	49.90	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 17.04 Hrs	49.7 Hz at 19.45 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 12/Jul/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	17.13	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.70	31.41	170	135
Total	3.70	48.54		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.06	49.17	175	160
Unit 4	11.82	90.65	500	480
Unit 5	11.71	100.31	510	470
Total	27.59	240.13		
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	3.57	41.57	153	142
Unit 3	4.60	51.60	202	179
Unit 4	4.30	48.92	184	164
Unit 5	0.00	93.36	0	0
Unit 6	0.00	0.00	0	0
Unit 7	8.95	103.98	396	350
Total	21.42	339.44		
Paras				
Unit 3	5.18	61.28	243	165
Unit 4	4.95	60.70	249	155
Total	10.13	121.98		
Khaparkheda				
Unit 1	3.32	44.36	175	110
Unit 2	3.43	45.14	155	125
Unit 3	4.17	47.31	188	164
Unit 4	0.00	0.00	0	0
Unit 5	10.45	121.66	495	386
Total	21.37	258.47		
Nasik				
Unit 3	4.70	55.98	205	180
Unit 4	4.62	45.98	198	184
Unit 5	0.00	0.00	0	0
Total	9.32	101.96		
Uran				
All Units	6.54	77.86	279	267
Total	6.54	77.86		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.14	1.77	40	0
Total	0.14	1.77		
Koyna				
Stage 1-2	5.02	44.50	435	40
Stage 4	1.97	21.17	400	0
Stage 3	2.28	15.58	240	0
Total	9.26	81.25		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.37	0	0
BHTGR/VEER	0.08	0.62	4	3
BHIRA T.R.	0.28	2.67	60	0
RNGR+BHTSA	0.19	1.66	10	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	1.18	10	0
GHATGHAR	0.88	8.53	240	0
Total	1.50	15.04		
Wind				
Total	32.25	463.29	0	0
Total	32.25	463.29		
CPP				
APML(Mus)	57.20	653.15	0	0
JSWEL(Mus)	16.65	217.45	0	0
VIPL(Mus)	12.77	145.64	0	0
RPLAMT(Mus)	16.06	179.46	0	0
WPCL(Mus)	2.41	35.01	0	0
Other(Mus)	4.81	47.97	0	0
Total	109.89	1278.70		
SOLAR				
Total	1.21	12.71	0	0
Total	1.21	12.71		
Tata				
Trombay 5	11.47	129.00	492	432
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	26.07	116	96
Trombay 7B	1.59	16.76	68	61
Trombay 8	5.95	68.86	250	245
TATA Hydro	0.33	39.12	72	0
Total	22.06	279.80		
R-INFRA				
1-2	6.20	118.17	259	256
Total	6.20	118.17		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	93.54	1168.49
MSPGCL Thml+Gas	100.08	1246.36

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	10.76	96.28
MSPGCL Total	110.84	1342.64

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.98	65.67
State Total	282.46	3495.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/Jul/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	3844	773	268	4885	1279	4500	0	4572	5253	-1188	14729	55	14784	2390	17174	49.96
2	3829	422	268	4519	1358	4588	0	4420	4799	-1037	14227	40	14267	2213	16480	49.94
3	3835	53	268	4156	1493	4621	0	4079	4527	-927	13870	40	13910	2099	16009	49.94
4	3846	48	267	4161	1443	4573	0	4020	4604	-888	13893	40	13933	2036	15969	49.98
5	3894	48	267	4209	1322	4617	0	3985	4704	-855	13997	40	14037	2006	16043	50.00
6	3898	223	279	4400	1328	4553	0	4357	5292	-855	14718	45	14763	2018	16781	49.99
7	3843	572	279	4694	1264	4615	3	4798	5558	-789	15345	47	15392	1955	17347	49.99
8	3757	597	277	4631	1270	4659	22	5089	5775	-795	15562	47	15609	1972	17581	49.98
9	3854	613	270	4737	1460	4612	71	5113	5502	-858	15524	50	15574	2047	17621	49.98
10	3879	573	275	4727	1519	4714	103	5139	5722	-994	15791	48	15839	2172	18011	50.03
11	3880	379	270	4529	1414	4622	139	5535	5753	-1102	15355	46	15401	2283	17684	50.04
12	3891	542	271	4704	1473	4485	156	5474	6166	-1154	15830	44	15874	2334	18208	50.01
13	3912	795	270	4977	1398	4584	174	5272	5728	-1162	15699	44	15743	2341	18084	50.02
14	3957	394	270	4621	1391	4535	165	4999	5437	-1124	15025	39	15064	2303	17367	50.02
15	3963	855	279	5097	1421	4680	139	4955	5399	-1114	15622	35	15657	2305	17962	50.01
16	3953	929	278	5160	1398	4538	109	5113	5648	-1114	15739	35	15774	2283	18057	50.00
17	3940	596	272	4808	1412	4611	81	5108	5292	-1116	15088	35	15123	2244	17367	50.00
18	3965	280	272	4517	1384	4619	46	4763	4479	-1088	13957	35	13992	2217	16209	50.10
19	3944	144	271	4359	1388	4552	6	4317	3986	-1065	13226	35	13261	2192	15453	49.98
20	3947	204	271	4422	1386	4553	0	4454	4381	-1138	13604	40	13644	2331	15975	49.88
21	3929	255	273	4457	1227	4538	0	4854	4935	-1208	13949	40	13989	2444	16433	49.93
22	3954	199	273	4426	1154	4437	0	4689	5220	-1277	13960	40	14000	2467	16467	49.90
23	3903	543	275	4721	1040	4565	0	4459	4838	-1254	13910	40	13950	2495	16445	49.93
24	3925	719	275	4919	1032	4519	0	4614	5049	-1295	14224	40	14264	2513	16777	49.98
MUs	93.54	10.76	6.54	110.84	32.25	109.89	1.21	114.18	124.05	-25.40	352.84	1.00	353.84	53.66	407.50	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 12/Jul/2015

Position as on 6.30 Hrs of 13/Jul/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	Chandrapur Unit 6	500	09/06/2015	23.58		Continued.	COH	
MSPGCL	Khaparkheda Unit 4	210	19/06/2015	23.57		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 5	210	30/06/2015	23.50		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.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine 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 T/F Burst	
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.	
IPP	WPCL U-3	135	04/07/2015	17:45	12/07/2015	06.48	Not schdule.	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
IPP	RPL(AMT) U-1	270	06/07/2015	00.37		Continued.	Furnace Pressure High	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Jul/2015

Position as on 6.30 Hrs of 13/Jul/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 5	200	09/07/2015	19.19		Continued.	ID Fan Problem	
RINFRA-G	REL Unit 1	250	10/07/2015	04.57		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	11/07/2015	04.43		Continued.	Boiler Tube Leakage	
CPP	WPCL U-4	135	11/07/2015	06.58		Continued.	ID Fan Vibration High	
IPP	WPCL U-3	135	12/07/2015	11.15	12/07/2015	12.11	ESP Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 13/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Dabhol Nagothane I	InterState	30/06/2015	16.53		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	11/07/2015	17.05	12/07/2015	09.05	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	11/07/2015	23.07	12/07/2015	16.06	HT	Over Voltage
Kolhapur Mapusa II	InterState	12/07/2015	16.22	13/07/2015	06.20	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	12/07/2015	18.19	13/07/2015	05.27	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	12/07/2015	21.17		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.
Babhaleshwar-Taptitanda ckt-I	IntraState	09/07/2015	17.32		Continued.	HT	padgha-BBLSR Line Loading
karad -kolhapur-I	IntraState	11/07/2015	16.35	12/07/2015	07.03	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/07/2015	16.38	12/07/2015	07.11	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/07/2015	21.26	12/07/2015	05.54	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/07/2015	10.20	12/07/2015	18.56	EO	Decapped B Ph String.
Bhusawal-Aurangabad	IntraState	12/07/2015	18.00	13/07/2015	06.21	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	13/07/2015	00.51		Continued.	T	Distance Protection
Karad - Lonikand 1	IntraState	13/07/2015	06.34	13/07/2015	07.02	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	12/07/2015	05.29	12/07/2015	09.57	PO	Attending Hot Spot on Y Phase LV Bushing.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	12/07/2015	06.02	12/07/2015	15.11	T	Y & B Ph to Earth Fault.
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.
Boisar Versova Line	IntraState	05/07/2015	08.08		Continued.	PO	Making LILO for 220KV Viraj S/S
Dahanu Boisar Line	IntraState	05/07/2015	08.32		Continued.	PO	Making LILO for 220KV Viraj S/S
Osmanabad - Solapur (Bale)	IntraState	06/07/2015	15.06		Continued.	HT	For Controlling Early ICT Loading.
Chikhli-Jalna-II	IntraState	06/07/2015	16.58		Continued.	HT	For Akola ICT Loading.
Chikhli-Jalna-I	IntraState	06/07/2015	16.58		Continued.	HT	For Akola ICT Loading.
Babhaleshwar - Degaon Rangari	IntraState	08/07/2015	12.21		Continued.	HT	construction of new 220kv chalisgaon Bay by hot line unit
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
Bableswhar- Alephata	IntraState	11/07/2015	23.34	12/07/2015	17.06	HT	Babaleshwar ICT Over Loading.
Bableswhar- Ranjangaon	IntraState	12/07/2015	06.02	12/07/2015	17.47	HT	Balsr ICT Over Loading.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/22kv 40 Mva Cgl Ptr 1 @Sicom	IntraState	11/07/2015	14.00		Continued.	PO	Cable Replacement & CT,PT Replacement Work.
132 KV LINE Outages/Trippings							
Boisar Midc - Dahanu 1	IntraState	12/07/2015	03.48	12/07/2015	09.23	T	Distance Protection

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