

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Jul/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.218	201.682	1) Gujrat	3.957	10.505
2) Hydro	13.556	17.901	2) Madhya Pradesh	14.815	27.533
3) Gas	6.468	12.961	3) Chattisgarh	6.310	12.150
Total MSPGCL	116.242	232.544	4) Maharashtra Net	85.791	174.136
B) 1) APML	57.360	115.050	5) Goa	-6.828	-13.569
2) JSWEL	19.071	37.152	6) TAPS 1&2 Injection	2.868	5.687
3) VIPL	12.857	23.549	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.240	33.150	8) Pench (MS)	0.098	0.226
5) WPCL	3.990	7.713	9) Pench (Excess)	-0.098	-0.098
6) Other IPP	4.000	7.496	Total	106.815	216.344
C) 1) TPCL Thermal	16.493	31.937	a) Mumbai Schedule	27.928	52.558
2) TPCL Hydro	3.800	9.604	b) Mumbai Drawl	28.598	55.566
3) TPCL Gas	2.941	5.588	c) MSEDCL Bilateral *	26.685	58.536
4) R-INFRA Thermal	11.864	24.230	Include PX	1.196	6.002
D) STATE			d) Mumbai Bilateral *	27.928	52.558
1) Thermal	239.093	481.959	Include PX	2.597	4.892
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	17.356	27.505	H) ENERGY CATERED (MUs)		
3) Gas	9.409	18.549	1) MSEDCL	338.504	675.703
4) Wind	28.241	55.760	2) Mumbai Discoms	63.694	126.924
6) SOLAR	1.286	2.413	TOTAL STATE	402.198	802.627
TOTAL STATE	295.385	586.186			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3825	3965	4303	3816
MSPGCL Hydro	1324	1088	449	45
MSPGCL Gas	264	265	268	280
MSPGCL Total Generation	5413	5318	5020	4141
Central Sector Receipt	5345	4857	4115	4130
WIND	868	1229	1344	990
CPP / IPP	4759	4897	4825	4669
SOLAR	174	114	0	0
Exchange with Mumbai	-1435	-1432	-1167	-981
MSEDCL DEMAND MET	15124	14983	14137	12949
Load Shedding	50	35	35	37
MSEDCL DEMAND	15174	15018	14172	12986
TPCL GENERATION	1258	1211	1095	641
R-INFRA GENERATION	512	516	514	395
MUMBAI DEMAND	3205	3159	2776	2017
STATE DEMAND MET	18329	18142	16913	14966
STATE DEMAND	18379	18177	16948	15003
Frequency (Hz)	49.97	49.98	49.96	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.00 Hrs	49.71 Hz at 13.39 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 02/Jul/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.31	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	3.27	0	0
Total	0.00	3.59		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.10	8.16	180	160
Unit 4	3.36	12.95	500	0
Unit 5	9.94	18.84	470	370
Total	17.39	39.94		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.56	7.14	152	140
Unit 6	0.00	0.00	0	0
Unit 7	4.39	9.71	227	158
Total	7.95	16.85		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.45	6.83	150	132
Unit 3	4.11	8.26	194	140
Unit 4	4.09	8.00	181	155
Unit 5	9.08	17.87	419	335
Unit 6	0.00	0.00	0	0
Unit 7	8.18	16.42	377	280
Total	28.91	57.38		
Paras				
Unit 3	5.72	11.50	250	230
Unit 4	5.13	10.67	226	205
Total	10.86	22.17		
Khaparkheda				
Unit 1	4.00	7.72	180	150
Unit 2	3.68	7.40	175	120
Unit 3	3.97	7.74	172	160
Unit 4	0.00	0.00	0	0
Unit 5	10.21	20.42	470	365
Total	21.85	43.27		
Nasik				
Unit 3	4.68	9.36	205	185
Unit 4	4.58	9.12	197	183
Unit 5	0.00	0.00	0	0
Total	9.26	18.48		
Uran				
All Units	6.47	12.96	282	262
Total	6.47	12.96		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.10	0.23	40	0
Total	0.10	0.23		
Koyna				
Stage 1-2	4.80	7.44	430	40
Stage 4	5.30	5.40	572	0
Stage 3	2.56	3.11	240	0
Total	12.65	15.95		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.45	0.84	40	0
RNGR+BHTSA	0.00	0.25	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	0.17	9	0
GHATGHAR	0.40	0.69	125	0
Total	0.90	1.95		
Wind				
Total	28.24	55.76	0	0
Total	28.24	55.76		
CPP				
APML(Mus)	57.36	115.05	0	0
JSWEL(Mus)	19.07	37.15	0	0
VIPL(Mus)	12.86	23.55	0	0
RPLAMT(Mus)	17.24	33.15	0	0
WPCL(Mus)	3.99	7.71	0	0
Other(Mus)	4.00	7.50	0	0
Total	114.52	224.11		
SOLAR				
Total	1.29	2.41	0	0
Total	1.29	2.41		
Tata				
Trombay 5	10.83	20.71	493	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.70	3.18	110	59
Trombay 7B	1.24	2.41	64	47
Trombay 8	5.66	11.23	248	200
TATA Hydro	3.80	9.60	415	0
Total	23.23	47.13		
R-INFRA				
1-2	11.86	24.23	517	395
Total	11.86	24.23		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	96.22	201.68
MSPGCL Thml+Gas	102.69	214.64

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	13.56	17.90
MSPGCL Total	116.24	232.54

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	10.10	12.84
State Total	295.38	586.19

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	4450	145	279	4874	1034	4646	0	4095	4176	-1018	13712	54	13766	2371	16137	49.94
2	4134	40	281	4455	909	4705	0	4039	4058	-871	13256	37	13293	2157	15450	49.97
3	3816	45	280	4141	990	4669	0	3943	4130	-981	12949	37	12986	2017	15003	49.94
4	3786	45	281	4112	1154	4706	0	3859	4085	-926	13131	37	13168	1943	15111	50.00
5	3778	40	282	4100	1226	4665	0	3941	4222	-918	13295	37	13332	1939	15271	49.97
6	3788	378	272	4438	1248	4565	0	4019	4473	-932	13792	41	13833	2004	15837	50.00
7	3808	881	272	4961	1181	4717	4	4168	4504	-794	14573	45	14618	2092	16710	49.98
8	3842	775	273	4890	1119	4756	31	4580	4906	-889	14813	71	14884	2261	17145	49.98
9	3860	895	268	5023	1137	4757	81	4658	5118	-1109	15007	56	15063	2563	17626	50.00
10	3863	991	265	5119	1270	4790	120	4752	4627	-1274	14652	49	14701	2912	17613	49.96
11	3813	999	264	5076	1092	4784	147	5119	5439	-1471	15067	47	15114	3131	18245	50.00
12	3825	1324	264	5413	868	4759	174	4815	5345	-1435	15124	50	15174	3205	18379	49.97
13	3827	1210	264	5301	882	4800	179	4733	4983	-1437	14708	37	14745	3162	17907	49.97
14	3856	842	263	4961	882	4892	155	4991	5249	-1377	14762	35	14797	3079	17876	49.94
15	3909	946	264	5119	955	4832	153	4914	5158	-1387	14830	35	14865	3145	18010	49.89
16	3965	1088	265	5318	1229	4897	114	4790	4857	-1432	14983	35	15018	3159	18177	49.98
17	3913	913	265	5091	1408	4804	80	4455	4614	-1397	14600	35	14635	3128	17763	49.93
18	4081	285	268	4634	1612	4871	43	3858	3552	-1468	13244	35	13279	3022	16301	50.01
19	4149	193	268	4610	1692	4885	5	3386	3057	-1450	12799	35	12834	2881	15715	49.97
20	4279	399	267	4945	1380	4777	0	3782	3791	-1313	13580	35	13615	2815	16430	49.96
21	4303	449	268	5020	1344	4825	0	4206	4115	-1167	14137	35	14172	2776	16948	49.96
22	4361	218	267	4846	1110	4824	0	4264	4005	-1188	13597	35	13632	2687	16319	49.96
23	4445	80	266	4791	1256	4882	0	4219	4254	-1161	14022	35	14057	2645	16702	49.91
24	4367	375	262	5004	1263	4710	0	4062	4097	-1203	13871	35	13906	2602	16508	49.99
MUs	96.22	13.56	6.47	116.24	28.24	114.52	1.29	103.65	106.81	-28.60	338.50	0.98	339.49	63.70	403.18	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 02/Jul/2015

Position as on 6.30 Hrs of 03/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	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	
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	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
IPP	RPL(AMT) U-4	270	26/06/2015	11.53		Continued.	Turbine bearing Vabration high	
MSPGCL	Koyna Unit 11	80	29/06/2015	10.00		Continued.	LA BUST	
MSPGCL	Koradi Unit 5	200	01/07/2015	02.25		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit 7	210	01/07/2015	23.20		Continued.	BTL.	
MSPGCL	Bhusawal Unit 4	500	02/07/2015	01.27	02/07/2015	16.25	Air heater problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 03/Jul/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
Dabhol Nagothane I	InterState	30/06/2015	16.53		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	01/07/2015	16.23	02/07/2015	06.36	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/07/2015	17.30	02/07/2015	08.07	HT	Over Voltage
Kolhapur Mapusa I	InterState	02/07/2015	16.21	03/07/2015	07.02	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	02/07/2015	19.02		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-II	IntraState	23/06/2015	16.53		Continued.	PO	E/W restringing work.
New Koyna - Dabhol-I	IntraState	01/07/2015	10.59		Continued.	T	Over Voltage
karad -kolhapur-I	IntraState	01/07/2015	16.27	02/07/2015	07.29	HT	Over Voltage
Karad-Jaigad - I	IntraState	01/07/2015	17.02	02/07/2015	09.46	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/07/2015	17.36	02/07/2015	06.12	HT	Over Voltage
Kalwa - Kharghar	IntraState	02/07/2015	09.28	02/07/2015	13.26	EO	ckt on TBC Attending Hot Spot
karad -kolhapur-II	IntraState	02/07/2015	16.07		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	02/07/2015	16.35	03/07/2015	06.45	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/07/2015	18.02	03/07/2015	06.35	HT	Over Voltage
Bus Coupler @ Kharghar	IntraState	02/07/2015	21.14	02/07/2015	23.13	EO	Attending Hot Spot
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-I @Waluj	IntraState	26/06/2015	19.43		Continued.	T	Tripped due to Fire at LV side
400/220kv 315 Mva ICT III @Karad	IntraState	02/07/2015	13.47	02/07/2015	14.19	EO	Attending Hot Spot
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	02/07/2015	11.50	02/07/2015	20.25	PO	Insulator Replacement Work
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.
Shivajinagar - Satana	IntraState	01/07/2015	14.42		Continued.	T	Distance Protection
Pirangut - Hinjawadi 2	IntraState	02/07/2015	10.08	02/07/2015	17.25	PO	Replacement work
Nagar-Babhaleshwar Ckt II	IntraState	02/07/2015	10.28	02/07/2015	14.21	PO	Nutbolt tightening work
Jejuri (400 Kv)-Jejuri- li	IntraState	02/07/2015	11.06	02/07/2015	23.07	PO	Replacement work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/06/2015	20.33		Continued.	PO	Attending Oil Leakage

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