

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Jul/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.279	808.274	1) Gujrat	4.120	33.284
2) Hydro	10.049	58.097	2) Madhya Pradesh	17.037	115.606
3) Gas	6.498	51.865	3) Chattisgarh	5.020	44.140
Total MSPGCL	118.826	918.236	4) Maharashtra Net	93.447	744.665
B) 1) APML	57.890	425.360	5) Goa	-7.461	-54.583
2) JSWEL	19.185	146.595	6) TAPS 1&2 Injection	2.906	23.112
3) VIPL	12.788	94.433	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	15.764	122.548	8) Pench (MS)	0.130	1.392
5) WPCL	2.761	25.322	9) Pench (Excess)	0.000	-1.134
6) Other IPP	4.065	31.089	Total	115.069	905.090
C) 1) TPCL Thermal	17.302	127.940	a) Mumbai Schedule	30.165	213.834
2) TPCL Hydro	4.188	28.771	b) Mumbai Drawl	32.590	225.654
3) TPCL Gas	3.784	25.393	c) MSEDCL Bilateral *	31.091	242.812
4) R-INFRA Thermal	6.679	91.442	Include PX	3.763	34.248
D) STATE			d) Mumbai Bilateral *	28.565	212.234
1) Thermal	238.713	1873.003	Include PX	3.151	22.342
(A1+C1+C4+(B1-B6))			Include Standby	1.600	1.600
2) Hydro (A2+C2)	14.237	86.868	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.282	77.258	1) MSEDCL	354.651	2755.353
4) Wind	40.073	303.316	2) Mumbai Discoms	64.541	499.198
6) SOLAR	0.820	9.018	TOTAL STATE	419.192	3254.551
TOTAL STATE	304.125	2349.463			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4573	4503	4051	4349
MSPGCL Hydro	768	680	358	53
MSPGCL Gas	270	268	274	272
MSPGCL Total Generation	5611	5451	4683	4674
Central Sector Receipt	5644	5193	4908	4255
WIND	1514	1746	1723	1536
CPP / IPP	4767	4725	4895	4540
SOLAR	99	117	0	0
Exchange with Mumbai	-1596	-1589	-1464	-945
MSEDCL DEMAND MET	16039	15643	14745	14060
Load Shedding	65	38	36	38
MSEDCL DEMAND	16104	15681	14781	14098
TPCL GENERATION	1357	1345	1094	809
R-INFRA GENERATION	255	258	259	259
MUMBAI DEMAND	3208	3192	2817	2013
STATE DEMAND MET	19247	18835	17562	16073
STATE DEMAND	19312	18873	17598	16111
Frequency (Hz)	49.97	50.00	49.93	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.01 Hrs	49.75 Hz at 22.18 Hrs	49.96	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 08/Jul/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.57	14.60	155	140
Unit 6	0.00	0.00	0	0
Unit 7	3.59	16.89	160	140
Total	7.16	31.49		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.16	32.74	180	160
Unit 4	7.04	73.37	500	0
Unit 5	11.35	55.81	500	360
Total	22.56	161.92		
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	2.29	37.92	202	0
Total	2.29	57.96		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.46	27.46	156	134
Unit 3	4.55	34.06	202	158
Unit 4	4.31	33.10	186	160
Unit 5	9.57	73.91	410	365
Unit 6	0.00	0.00	0	0
Unit 7	8.99	69.05	406	280
Total	30.88	237.58		
Paras				
Unit 3	5.46	41.01	245	204
Unit 4	5.65	40.40	263	202
Total	11.12	81.41		
Khaparkheda				
Unit 1	3.82	30.02	180	140
Unit 2	3.82	29.96	180	135
Unit 3	4.09	30.12	210	155
Unit 4	0.00	0.00	0	0
Unit 5	9.81	82.93	480	355
Total	21.53	173.02		
Nasik				
Unit 3	4.70	37.33	205	185
Unit 4	2.05	27.56	195	0
Unit 5	0.00	0.00	0	0
Total	6.75	64.89		
Uran				
All Units	6.50	51.86	275	267
Total	6.50	51.86		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.13	1.39	39	0
Total	0.13	1.39		
Koyna				
Stage 1-2	3.90	26.93	435	40
Stage 4	2.48	12.39	548	0
Stage 3	1.61	9.35	160	0
Total	8.00	48.68		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.09	0.26	4	3
BHIRA T.R.	0.10	1.82	80	0
RNGR+BHTSA	0.24	1.05	11	10
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	0.96	9	0
GHATGHAR	1.56	5.32	250	0
Total	2.05	9.42		
Wind				
Total	40.07	303.32	0	0
Total	40.07	303.32		
CPP				
APML(Mus)	57.89	425.36	0	0
JSWEL(Mus)	19.18	146.60	0	0
VIPL(Mus)	12.79	94.43	0	0
RPLAMT(Mus)	15.76	122.55	0	0
WPCL(Mus)	2.76	25.32	0	0
Other(Mus)	4.06	31.09	0	0
Total	112.45	845.35		
SOLAR				
Total	0.82	9.02	0	0
Total	0.82	9.02		
Tata				
Trombay 5	11.36	82.83	493	418
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.33	15.05	115	60
Trombay 7B	1.46	10.35	67	47
Trombay 8	5.94	45.11	251	246
TATA Hydro	4.19	28.77	441	0
Total	25.27	182.10		
R-INFRA				
1-2	6.68	91.44	518	255
Total	6.68	91.44		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	102.28	808.27
MSPGCL Thml+Gas	108.78	860.14

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	10.05	58.10
MSPGCL Total	118.83	918.24

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.39	39.32
State Total	304.12	2349.46

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Jul/2015

Annexure-2

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	4165	418	272	4855	1644	4664	0	4257	4387	-1027	14523	56	14579	2446	17025	49.95
2	4191	178	272	4641	1627	4472	0	4141	4179	-923	13996	38	14034	2257	16291	49.93
3	4245	115	274	4634	1708	4481	0	4161	4479	-1007	14295	38	14333	2117	16450	49.96
4	4349	53	272	4674	1536	4540	0	4178	4255	-945	14060	38	14098	2013	16111	50.00
5	4381	58	270	4709	1486	4579	0	4204	4398	-949	14223	38	14261	2000	16261	49.99
6	4448	59	270	4777	1523	4653	0	4314	4713	-1005	14661	39	14700	2066	16766	49.95
7	4490	411	269	5170	1326	4724	3	4517	5093	-1033	15283	61	15344	2134	17478	49.90
8	4567	732	269	5568	1313	4733	27	4758	5288	-1172	15757	69	15826	2288	18114	49.96
9	4488	932	268	5688	1413	4780	48	4935	5363	-1428	15864	72	15936	2580	18516	49.98
10	4522	912	267	5701	1413	4586	81	5040	5336	-1498	15619	74	15693	2926	18619	49.96
11	4589	913	267	5769	1528	4834	111	5266	5402	-1608	16036	72	16108	3183	19291	49.98
12	4573	768	270	5611	1514	4767	99	5213	5644	-1596	16039	65	16104	3208	19312	49.97
13	4503	680	268	5451	1746	4725	117	4911	5193	-1589	15643	38	15681	3192	18873	50.00
14	4489	711	270	5470	1764	4743	98	4871	4593	-1547	15121	36	15157	3100	18257	49.99
15	4543	428	271	5242	2067	4717	77	5128	4900	-1572	15431	36	15467	3117	18584	49.91
16	4151	544	267	4962	1784	4739	83	5153	5299	-1552	15315	36	15351	3141	18492	49.92
17	4077	607	271	4955	2026	4747	51	4768	4954	-1560	15173	36	15209	3148	18357	50.00
18	3954	151	272	4377	1804	4766	23	4311	4406	-1579	13797	36	13833	3058	16891	50.01
19	3774	87	272	4133	1844	4569	2	3890	4111	-1532	13127	36	13163	2905	16068	50.00
20	3974	469	272	4715	1737	4601	0	4467	4551	-1440	14164	36	14200	2846	17046	49.91
21	4051	358	274	4683	1723	4895	0	4648	4908	-1464	14745	36	14781	2817	17598	49.93
22	4019	293	274	4586	1812	4689	0	4657	4434	-1517	14004	36	14040	2713	16753	49.95
23	3908	78	275	4261	1854	4796	0	4588	4551	-1561	13901	36	13937	2669	16606	49.92
24	3828	94	272	4194	1881	4653	0	4410	4635	-1486	13877	36	13913	2619	16532	49.98
MUs	102.28	10.05	6.50	118.83	40.07	112.45	0.82	110.79	115.07	-32.59	354.65	1.09	355.75	64.54	420.29	49.96

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 08/Jul/2015

Position as on 6.30 Hrs of 09/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.	
TPC-G	Bhira PSU	150	09/06/2015	10.53		Continued.	Stator Earth Fault	
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	
CPP	WPCL U-1	135	16/06/2015	00.00		Continued.	No Schdule	
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	JSW (J) U1	300	29/06/2015	13.32		Continued.	Turbine bearing Vabration high	
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		Continued.	Not schdule.	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Jul/2015

Position as on 6.30 Hrs of 09/Jul/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-1	270	06/07/2015	00.37		Continued.	Furnace Pressure High	
MSPGCL	Nasik Unit 4	210	06/07/2015	14.48	08/07/2015	10.45	Boiler Tube Leakage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
IPP	RPL(AMT) U-4	270	08/07/2015	00.48	08/07/2015	03.06	Turbine bearing Vabration high	
RINFRA-G	REL Unit 1	250	08/07/2015	01.51	09/07/2015	20.45	BTL.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 4	500	08/07/2015	15.15		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 5	200	09/07/2015	19.19		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 09/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							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39	08/07/2015	17.12	T	Breaker Accumulator Oil Leakage
Dabhol Nagothane I	InterState	30/06/2015	16.53		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	07/07/2015	17.14	08/07/2015	06.53	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	07/07/2015	18.07	08/07/2015	03.32	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	07/07/2015	22.59	08/07/2015	08.52	HT	Heavy Sparking of SSP End.
Akola Wardha li	InterState	08/07/2015	11.30	08/07/2015	17.24	PO	Testing Work
Kolhapur Mapusa I	InterState	08/07/2015	16.41	09/07/2015	06.30	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	09/07/2015	01.48	09/07/2015	06.40	HT	Over Voltage
Dhule Khandwa I	InterState	09/07/2015	13.07	09/07/2015	17.39	PO	Decapping Inner Insulator end stringing Loc.921
Kolhapur Mapusa I	InterState	09/07/2015	15.17	09/07/2015	19.10	PO	To attend Hot Spot
Dhule Sar'Sarovar II	InterState	09/07/2015	17.39		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	09/07/2015	19.10		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-I	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	06/07/2015	21.32	09/07/2015	16.26	HT	Attending Hot Spot
karad -kolhapur-I	IntraState	07/07/2015	16.34	08/07/2015	06.50	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/07/2015	16.37	08/07/2015	08.50	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/07/2015	17.47	08/07/2015	05.46	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/07/2015	00.26	08/07/2015	14.02	T	Distance Protection
karad -kolhapur-II	IntraState	08/07/2015	03.02	08/07/2015	08.45	T	Over Voltage
Main Bus - I @ Deepnagar	IntraState	08/07/2015	16.03	08/07/2015	20.17	PO	Annual Maintenance Work
Karad-Jaigad - I	IntraState	08/07/2015	16.36	09/07/2015	06.44	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	08/07/2015	17.02	08/07/2015	21.57	PO	Annual Maintenance Work
Bhusawal-Aurangabad	IntraState	08/07/2015	17.36	09/07/2015	05.51	HT	Over Voltage
karad -kolhapur-II	IntraState	08/07/2015	18.05	09/07/2015	06.39	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/07/2015	20.04	08/07/2015	21.05	T	Distance Protection
Girwali - Lonikand 1	IntraState	09/07/2015	09.06	09/07/2015	17.14	PO	Testing Work
Lonikand I - Koyna stage-IV	IntraState	09/07/2015	13.29	09/07/2015	19.02	PO	Decapped Insulator string replacement
Babhaleshwar-Taptitanda ckt-II	IntraState	09/07/2015	16.29	09/07/2015	17.29	HT	problem in Line Isolator
karad -kolhapur-II	IntraState	09/07/2015	16.43		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/07/2015	17.16		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	09/07/2015	17.30		Continued.	HT	To control Line Loading of Padghe -BBLR D/C.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	04/07/2015	14.32		Continued.	PO	Commissioning Of Spare ICT In Place Of R-Ph Unit.
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	09/07/2015	12.31	09/07/2015	16.52	EO	String 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.
Boisar Versova Line	IntraState	05/07/2015	08.08		Continued.	PO	Making LILO for 220KV Viraj S/S
Boisar-Viraj	IntraState	05/07/2015	08.32		Continued.	PO	Making LILO for 220KV Viraj S/S

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 08/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 09/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Dahanu-Viraj	IntraState	05/07/2015	08.32		Continued.	PO	Making LILO for 220KV Viraj S/S
Pargaon(Kathapur)-Lonikand	IntraState	08/07/2015	00.13	08/07/2015	00.42	T	Distance Protection
Ranjangaon-Lonikand	IntraState	09/07/2015	03.32	09/07/2015	07.24	T	Distance Protection
Kandalgaon - Koyna	IntraState	09/07/2015	11.30	09/07/2015	19.25	PO	Testing Work
Talandge(400)- Mudshingi 2 Line	IntraState	09/07/2015	11.31	09/07/2015	16.59	PO	Pilot string replacement
Khadka-Chalisgaon-1	IntraState	09/07/2015	14.27	09/07/2015	16.45	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault