

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Aug/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	91.738	1669.105	1) Gujrat	12.985	152.052
2) Hydro	9.674	128.933	2) Madhya Pradesh	14.541	210.987
3) Gas	6.603	112.244	3) Chattisgarh	4.220	82.550
Total MSPGCL	108.015	1910.282	4) Maharashtra Net	92.858	1449.838
B) 1) APML	57.040	861.550	5) Goa	-6.900	-109.568
2) JSWEL	27.493	468.703	6) TAPS 1&2 Injection	2.565	47.593
3) VIPL	12.010	123.041	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.730	291.909	8) Pench (MS)	0.797	6.268
5) WPCL	3.835	60.061	9) Pench (Excess)	-0.797	-5.222
6) Other IPP	2.860	34.922	Total	119.472	1828.230
C) 1) TPCL Thermal	16.403	283.015	a) Mumbai Schedule	25.057	402.037
2) TPCL Hydro	3.175	60.566	b) Mumbai Drawl	25.588	463.741
3) TPCL Gas	2.172	28.459	c) MSEDCL Bilateral *	35.107	494.135
4) R-INFRA Thermal	12.101	197.323	Include PX	6.781	15.550
D) STATE			d) Mumbai Bilateral *	25.057	402.037
1) Thermal	241.210	3989.629	Include PX	1.811	87.691
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.849	189.499	H) ENERGY CATERED (MUs)		
3) Gas	8.775	140.703	1) MSEDCL	331.941	5586.802
4) Wind	8.022	454.791	2) Mumbai Discoms	59.439	1033.087
6) SOLAR	1.052	17.054	TOTAL STATE	391.380	6619.889
TOTAL STATE	271.908	4791.676			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	3716	3581	3905	3899
MSPGCL Hydro	993	787	836	81
MSPGCL Gas	273	279	273	276
MSPGCL Total Generation	4982	4647	5014	4256
Central Sector Receipt	6069	5974	4759	4250
WIND	201	254	442	301
CPP / IPP	5145	5203	5202	4824
SOLAR	128	133	0	0
Exchange with Mumbai	-1469	-1327	-1200	-787
MSEDCL DEMAND MET	15056	14884	14217	12844
Load Shedding	26	26	28	24
MSEDCL DEMAND	15082	14910	14245	12868
TPCL GENERATION	1030	1153	1077	581
R-INFRA GENERATION	513	515	516	398
MUMBAI DEMAND	3012	2995	2793	1766
STATE DEMAND MET	18068	17879	17010	14610
STATE DEMAND	18094	17905	17038	14634
Frequency (Hz)	49.98	49.98	49.92	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13:02 Hrs	49.7 Hz at 06:16 Hrs	49.96	% 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 18/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	42.78	0	0
Unit 6	0.00	0.00	0	0
Unit 7	4.15	67.72	180	160
Total	4.15	110.51		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.12	69.06	160	105
Unit 4	9.32	143.16	475	315
Unit 5	0.00	0.00	0	0
Total	12.44	212.22		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.12	57.40	144	105
Unit 3	4.00	56.60	182	146
Unit 4	4.10	67.02	185	162
Unit 5	7.10	151.54	350	225
Unit 6	6.63	136.88	315	235
Unit 7	7.63	138.86	357	274
Total	32.59	608.29		
Paras				
Unit 3	4.35	81.94	212	158
Unit 4	4.79	85.17	231	176
Total	9.15	167.12		
Khaparkheda				
Unit 1	3.78	51.46	180	135
Unit 2	3.76	58.78	175	130
Unit 3	3.51	59.30	161	129
Unit 4	0.00	58.72	0	0
Unit 5	8.65	117.90	428	250
Total	19.70	346.17		
Nasik				
Unit 3	4.60	79.81	200	185
Unit 4	4.61	81.39	200	177
Unit 5	4.49	63.60	196	144
Total	13.70	224.80		
Uran				
All Units	6.60	112.24	280	270
Total	6.60	112.24		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.80	6.27	40	15
Total	0.80	6.27		
Koyna				
Stage 1-2	3.18	51.22	445	40
Stage 4	3.33	21.93	449	0
Stage 3	1.34	23.95	160	0
Total	7.85	97.09		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.44	0	0
TILLARI	0.00	1.94	0	0
BHTGR/VEER	0.00	1.26	0	0
BHIRA T.R.	0.16	6.14	80	0
RNGR+BHTSA	0.00	0.17	0	0
BHANDARDRA	0.53	4.71	22	21
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	1.62	13	3
GHATGHAR	0.99	15.57	125	0
Total	1.82	31.84		
Wind				
Total	8.02	454.79	0	0
Total	8.02	454.79		
CPP				
APML(Mus)	57.04	861.55	0	0
JSWEL(Mus)	27.49	468.70	0	0
VIPL(Mus)	12.01	123.04	0	0
RPLAMT(Mus)	17.73	291.91	0	0
WPCL(Mus)	3.84	60.06	0	0
Other(Mus)	2.86	34.92	0	0
Total	120.97	1840.19		
SOLAR				
Total	1.05	17.05	0	0
Total	1.05	17.05		
Tata				
Trombay 5	10.63	181.28	495	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.17	28.46	115	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.77	101.74	250	199
TATA Hydro	3.18	60.57	294	0
Total	21.75	372.04		
R-INFRA				
1-2	12.10	197.32	519	398
Total	12.10	197.32		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	91.74	1669.10
MSPGCL Thml+Gas	98.34	1781.35

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.67	128.93
MSPGCL Total	108.02	1910.28

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.51	73.14
State Total	271.91	4791.68

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/Aug/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	4009	74	279	4362	467	4871	0	4189	4246	-838	13108	39	13147	2115	15262	49.96
2	4012	70	277	4359	468	4777	0	4019	4182	-782	13004	24	13028	1935	14963	49.95
3	4014	70	277	4361	436	4822	0	3834	4013	-740	12892	24	12916	1832	14748	49.96
4	3954	76	277	4307	408	4859	0	3868	4219	-794	12999	24	13023	1771	14794	49.97
5	3899	81	276	4256	301	4824	0	3913	4250	-787	12844	24	12868	1766	14634	49.95
6	3821	176	276	4273	229	4775	0	4154	4578	-771	13084	26	13110	1845	14955	49.94
7	3880	421	279	4580	191	4790	3	4683	4856	-772	13648	26	13674	1931	15605	49.88
8	3906	121	276	4303	147	5085	18	5109	5857	-848	14562	26	14588	2095	16683	49.97
9	3876	299	277	4452	179	5075	64	5343	5919	-1040	14649	26	14675	2379	17054	49.98
10	3850	942	272	5064	211	5112	86	5416	5715	-1289	14899	26	14925	2793	17718	49.92
11	3716	993	273	4982	201	5145	128	5815	6069	-1469	15056	26	15082	3012	18094	49.98
12	3707	842	276	4825	243	5162	147	5805	5867	-1396	14848	26	14874	3027	17901	50.02
13	3581	787	279	4647	254	5203	133	5212	5974	-1327	14884	26	14910	2995	17905	49.98
14	3649	792	278	4719	267	5023	159	4981	5249	-1188	14229	29	14258	2854	17112	49.99
15	3678	733	280	4691	318	5194	133	5305	5476	-1202	14610	27	14637	2868	17505	49.91
16	3693	554	270	4517	413	5130	84	5443	5449	-1210	14383	27	14410	2877	17287	49.97
17	3664	536	270	4470	517	5138	65	4931	5288	-1201	14277	27	14304	2862	17166	49.99
18	3799	165	271	4235	427	5102	29	4056	4350	-1226	12917	27	12944	2827	15771	50.00
19	3841	130	273	4244	451	5167	3	3983	4194	-1132	12927	27	12954	2736	15690	49.96
20	3905	836	273	5014	442	5202	0	4560	4759	-1200	14217	28	14245	2793	17038	49.92
21	3866	459	273	4598	431	5144	0	4563	4696	-1128	13741	28	13769	2689	16458	49.99
22	3844	289	273	4406	363	5186	0	4599	4590	-1138	13407	28	13435	2588	16023	49.97
23	3826	147	274	4247	342	5151	0	4847	4743	-1084	13399	28	13427	2469	15896	49.96
24	3748	81	274	4103	316	5031	0	4797	4933	-1026	13357	28	13385	2380	15765	49.98
MUs	91.74	9.67	6.60	108.02	8.02	120.97	1.05	113.42	119.47	-25.59	331.94	0.65	332.59	59.44	392.03	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 18/Aug/2015

Position as on 6.30 Hrs of 19/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.	Refuelling work	
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection	
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	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	
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	
CPP	WPCL U-4	135	01/08/2015	21.57		Continued.	Vibration problem in ID Fan	
IPP	Adani U-2	660	04/08/2015	00.03		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit 5	200	13/08/2015	09.04		Continued.	water lodged at ht cooler booster pump	
IPP	RPL(AMT) U-4	270	15/08/2015	15.57	18/08/2015	22.02	Generator abnormal sound	
MSPGCL	Khaparkheda Unit 4	210	16/08/2015	13.10		Continued.	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Aug/2015

Position as on 6.30 Hrs of 19/Aug/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit-8	660	18/08/2015	02.10	18/08/2015	03.38	Boiler Tripped Temp.High.	
MSPGCL	Koradi Unit-8	660	18/08/2015	06.13		Continued.	Tripped.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 19/Aug/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							
Kolhapur Mapusa I	InterState	17/08/2015	16.38	18/08/2015	07.10	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	17/08/2015	22.04	18/08/2015	06.46	HT	Over Voltage
Kolhapur Mapusa II	InterState	18/08/2015	16.48		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
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	17/08/2015	16.24	18/08/2015	07.23	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/08/2015	17.15	18/08/2015	06.51	HT	Over Voltage
Karad-Jaigad - I	IntraState	17/08/2015	18.39	18/08/2015	07.07	HT	Over Voltage
Babhaleshwar - Bhusawal II	IntraState	18/08/2015	05.52	18/08/2015	10.31	T	Distance Protection Operated Zone-I Y-E.
Karad - Jaigad - II	IntraState	18/08/2015	16.50	19/08/2015	06.57	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	18/08/2015	17.37		Continued.	EO	Attending Hot Spot (Taken on TBC).
Karad -kolhapur-II	IntraState	18/08/2015	18.09		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
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 (charged up to Loc No. 51/1 from Padghe end only)
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Amalner - Bambhori	IntraState	18/08/2015	10.34	18/08/2015	14.20	EO	Attending Red Hot.
Nanded-Ghatodi	IntraState	18/08/2015	11.06	18/08/2015	14.20	PO	Measurement of Tan Delta of CT.
Sadawaghapur Karad Ckt 2	IntraState	18/08/2015	11.18	18/08/2015	17.04	PO	Routine Maintenance Work
Kandurgaon - Koyna	IntraState	18/08/2015	11.30	18/08/2015	17.40	PO	DCRM Test.
Khadka-Chalisgaon-1	IntraState	18/08/2015	11.35	18/08/2015	13.55	PO	Line Signature Test.
GIS Bhandup - Borivali	IntraState	18/08/2015	11.47		Continued.	HT	Mumbai Strengthening Work.
Dhule-Chalisgaon	IntraState	18/08/2015	13.07	18/08/2015	13.42	T	220KV Bus Bar Protection Operated.
Chalisgaon-Malegaon	IntraState	18/08/2015	13.07	18/08/2015	14.08	T	220KV Bus Bar Protection Operated.
Khadka-Chalisgaon-2	IntraState	18/08/2015	13.07	18/08/2015	19.01	T	Distance Protection Operated Zone-I B Ph, Bus Bar Protn. Operated.
Chalisgaon -Babhaleshwar	IntraState	18/08/2015	13.07	18/08/2015	14.12	T	220KV Bus Bar Protection Operated.
Kalwa - Mulund 1	IntraState	18/08/2015	13.26	18/08/2015	19.56	PO	Mumbai Strengthening Work(30 Days).
Khadka-Chalisgaon-2	IntraState	18/08/2015	14.40	18/08/2015	15.56	PO	Line Signature Test.
Jejuri (400 Kv)-Jejuri- I	IntraState	18/08/2015	17.07	18/08/2015	19.05	EO	Attending Oil Leakage from CT.
Uran - Apta II	IntraState	18/08/2015	17.20	18/08/2015	17.48	EO	Attending DC Leakage.
Kalwa - Mulund 2	IntraState	18/08/2015	20.09	18/08/2015	23.41	EO	Attending Hot Spot on Isolator.
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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 19/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Vijay lct 1 @Chalisgaon	IntraState	18/08/2015	13.07	18/08/2015	14.28	T	220KV Bus Bar Protection Operated.
220/132 Kv 200 Mva Vijay lct 2 @Chalisgaon	IntraState	18/08/2015	13.18	18/08/2015	13.44	T	220KV Bus Bar Protection Operated,Breaker Not Tripped H/T @ 13.18 Hrs.
132 KV LINE Outages/Trippings							
Killari Tap On Ujani-Omerga	IntraState	18/08/2015	12.45	18/08/2015	13.00	T	Distance Protection Operated Zone-I Y ph.