

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Sep/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.897	1584.069	1) Gujrat	2.262	45.690
2) Hydro	3.646	142.552	2) Madhya Pradesh	9.696	155.231
3) Gas	7.381	95.603	3) Chattisgarh	3.990	65.860
Total MSPGCL	121.924	1822.224	4) Maharashtra Net	92.420	1499.704
B) 1) APML	38.710	750.500	5) Goa	-7.293	-111.963
2) JSWEL	27.610	418.099	6) TAPS 1&2 Injection	3.400	56.665
3) VIPL	9.369	168.996	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	15.430	291.204	8) Pench (MS)	0.989	9.611
5) WPCL	3.934	61.838	9) Pench (Excess)	-0.989	-9.611
6) Other IPP	2.449	31.029	Total	103.486	1701.576
C) 1) TPCL Thermal	16.128	248.092	a) Mumbai Schedule	21.024	336.956
2) TPCL Hydro	1.459	30.726	b) Mumbai Drawl	28.014	385.342
3) TPCL Gas	4.295	48.775	c) MSEDCL Bilateral *	23.683	447.421
4) R-INFRA Thermal	11.178	176.625	Include PX	-2.640	29.735
D) STATE			d) Mumbai Bilateral *	21.024	335.921
1) Thermal	235.705	3730.452	Include PX	2.165	14.858
(A1+C1+C4+(B1-B6))			Include Standby	0.000	1.035
2) Hydro	5.105	173.278	H) ENERGY CATERED (MUs)		
3) Gas	11.676	144.378	1) MSEDCL	308.900	5005.111
4) Wind	13.165	129.813	2) Mumbai Discoms	61.074	889.553
6) SOLAR	0.837	15.174	TOTAL STATE	369.974	5894.664
TOTAL STATE	266.488	4193.095			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4637	4749	4763	4513
MSPGCL Hydro	408	76	476	60
MSPGCL Gas	282	286	337	291
MSPGCL Total Generation	5327	5111	5576	4864
Central Sector Receipt	4860	4870	4489	3379
WIND	380	732	747	392
CPP / IPP	4297	4283	4175	3884
SOLAR	101	86	0	0
Exchange with Mumbai	-1445	-1473	-1299	-702
MSEDCL DEMAND MET	13520	13609	13688	11817
Load Shedding	25	26	26	25
MSEDCL DEMAND	13545	13635	13714	11842
TPCL GENERATION	1130	985	1044	695
R-INFRA GENERATION	517	519	518	397
MUMBAI DEMAND	3092	2977	2861	1794
STATE DEMAND MET	16612	16586	16549	13611
STATE DEMAND	16637	16612	16575	13636
Frequency (Hz)	49.92	49.91	49.95	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 10.01 Hrs	49.71 Hz at 18.25 Hrs	49.92	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 15/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.44	50.70	150	135
Unit 6	0.00	0.00	0	0
Unit 7	3.87	46.79	170	155
Total	7.31	97.49		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.14	61.38	175	170
Unit 4	10.46	158.88	490	375
Unit 5	9.79	107.20	460	340
Total	24.40	327.46		
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	3.10	48.15	138	107
Unit 3	4.16	54.71	191	164
Unit 4	0.00	0.00	0	0
Unit 5	8.73	139.65	385	335
Unit 6	8.53	141.87	380	310
Unit 7	7.57	128.12	335	300
Total	32.09	512.50		
Paras				
Unit 3	4.93	74.02	221	182
Unit 4	4.73	77.22	230	180
Total	9.65	151.24		
Khaparkheda				
Unit 1	3.62	34.74	180	125
Unit 2	3.72	51.88	165	120
Unit 3	4.16	53.46	185	165
Unit 4	3.71	53.64	165	143
Unit 5	8.86	119.14	397	350
Total	24.06	312.86		
Nasik				
Unit 3	4.48	67.20	195	180
Unit 4	4.42	52.06	192	177
Unit 5	4.47	63.27	188	183
Total	13.38	182.53		
Uran				
All Units	7.38	95.60	387	282
Total	7.38	95.60		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.99	9.61	50	5
Total	0.99	9.61		
Koyna				
Stage 1-2	1.31	48.32	140	40
Stage 4	0.00	37.76	0	0
Stage 3	0.55	20.10	118	0
Total	1.86	106.17		
Hydro				
KDPH	0.44	7.78	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.11	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	2.82	80	0
RNGR+BHTSA	0.00	1.00	0	0
BHANDARDRA	0.00	6.01	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.12	3.58	12	2
GHATGHAR	1.10	15.07	250	0
Total	1.79	36.38		
Wind				
Total	13.16	129.81	0	0
Total	13.16	129.81		
CPP				
APML(Mus)	38.71	750.50	0	0
JSWEL(Mus)	27.61	418.10	0	0
VIPL(Mus)	9.37	169.00	0	0
RPLAMT(Mus)	15.43	291.20	0	0
WPCL(Mus)	3.93	61.84	0	0
Other(Mus)	2.45	31.03	0	0
Total	97.50	1721.67		
SOLAR				
Total	0.84	15.17	0	0
Total	0.84	15.17		
Tata				
Trombay 5	10.50	161.70	487	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	35.88	115	107
Trombay 7B	1.57	12.90	66	63
Trombay 8	5.63	86.39	246	200
TATA Hydro	1.46	30.73	222	0
Total	21.88	327.59		
R-INFRA				
1-2	11.18	176.62	519	394
Total	11.18	176.62		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	110.90	1584.07
MSPGCL Thml+Gas	118.28	1679.67

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	3.65	142.55
MSPGCL Total	121.92	1822.22

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.31	86.07
State Total	266.49	4193.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Sep/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	4744	65	292	5101	339	4001	0	3603	3779	-966	12254	39	12293	2223	14516	49.86
2	4683	70	292	5045	342	3907	0	3554	3597	-883	12008	25	12033	2030	14063	49.85
3	4629	60	293	4982	370	3977	0	3405	3613	-787	12155	25	12180	1921	14101	49.96
4	4564	70	293	4927	357	3961	0	3207	3350	-722	11873	25	11898	1833	13731	49.93
5	4513	60	291	4864	392	3884	0	3184	3379	-702	11817	25	11842	1794	13636	49.92
6	4441	75	294	4810	407	3792	0	3477	3814	-780	12043	25	12068	1895	13963	49.90
7	4441	120	293	4854	522	3919	2	4082	3984	-768	12513	25	12538	2021	14559	49.94
8	4456	60	292	4808	646	4220	20	4263	4501	-881	13314	25	13339	2183	15522	49.99
9	4475	159	291	4925	674	3952	65	4642	4813	-1143	13286	25	13311	2473	15784	49.96
10	4589	355	292	5236	528	4244	88	4734	4657	-1323	13430	25	13455	2795	16250	49.98
11	4654	313	285	5252	394	4242	86	4820	5020	-1508	13486	25	13511	3053	16564	49.93
12	4637	408	282	5327	380	4297	101	4852	4860	-1445	13520	25	13545	3092	16637	49.92
13	4719	168	282	5169	385	4272	110	4748	4984	-1417	13503	25	13528	3061	16589	49.96
14	4725	65	282	5072	545	4291	89	4432	4867	-1451	13413	26	13439	2953	16392	49.91
15	4749	76	286	5111	732	4283	86	4470	4870	-1473	13609	26	13635	2977	16612	49.91
16	4656	66	286	5008	746	3960	101	4563	4824	-1491	13148	26	13174	2983	16157	49.90
17	4570	61	286	4917	894	3875	63	4446	4528	-1397	12880	26	12906	2963	15869	49.96
18	4590	193	286	5069	789	3833	25	3994	4492	-1412	12796	26	12822	2911	15733	49.93
19	4706	321	315	5342	760	3946	1	4308	4440	-1358	13131	26	13157	2852	16009	49.85
20	4763	476	337	5576	747	4175	0	4578	4489	-1299	13688	26	13714	2861	16575	49.95
21	4750	207	378	5335	682	4157	0	4566	4436	-1290	13320	26	13346	2734	16080	49.95
22	4716	66	387	5169	407	4212	0	4206	4139	-1136	12791	26	12817	2608	15425	49.95
23	4591	71	380	5042	531	4175	0	4149	4395	-1152	12991	26	13017	2523	15540	49.90
24	4536	61	386	4983	596	3927	0	4011	3655	-1230	11931	26	11957	2335	14292	49.87
MUs	110.90	3.65	7.38	121.92	13.17	97.50	0.84	100.29	103.49	-28.01	308.90	0.63	309.52	61.07	370.60	49.92

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 15/Sep/2015

Position as on 6.30 Hrs of 16/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-2	250	20/08/2015	09.00		Continued.	Realigning of T-G Rotor & Adjusting the Bearing Clearances.(40 Days)	
MSPGCL	Chandrapur Unit 4	210	29/08/2015	23.55		Continued.	Annual Overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refueling work	
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	
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	15/09/2015	21.55	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-1	135	25/08/2015	19.18		Continued.	Maintenance work	
IPP	Adani U-5	660	06/09/2015	13.03		Continued.	Bottom Ash Problem	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generater bearing	
MSPGCL	Uran Unit 8	108	12/09/2015	13.08	15/09/2015	18.18	Gas shortage	
MSPGCL	Uran Unit B0	120	12/09/2015	13.08	15/09/2015	23.17	Gas shortage	
IPP	RPL(AMT) U-4	270	14/09/2015	02.37		Continued.	Turbine Shaft Vibration High	
IPP	WPCL U-3	135	15/09/2015	23.54		Continued.	ESP back filter replacement	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 16/Sep/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							
Dhule Sar'Sarovar I	InterState	12/09/2015	22.18		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	14/09/2015	15.35	15/09/2015	08.39	HT	Over Voltage
Kolhapur Mapusa I	InterState	15/09/2015	16.09		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	16/09/2015	00.13		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	10/09/2015	16.40		Continued.	HT	For Controlling Padgha-BBLR D/C Loading.
Bhusawal-Aurangabad	IntraState	12/09/2015	16.33	15/09/2015	09.24	HT	Over Voltage
karad -kolhapur-I	IntraState	14/09/2015	15.10	15/09/2015	09.18	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/09/2015	16.26	15/09/2015	09.20	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/09/2015	23.42	15/09/2015	08.46	HT	Over Voltage
Chandrapur-Parali III	IntraState	15/09/2015	04.33	15/09/2015	06.28	T	Over Voltage
TBC @ chandrapur	IntraState	15/09/2015	09.40		Continued.	PO	Isolator Maint. Work.
Akola-Bhusawal(khadka) bay 410	IntraState	15/09/2015	10:37	15/09/2015	17:03	PO	Routine Maintenance work
Solapur - Parli(PG) II	IntraState	15/09/2015	12.50	15/09/2015	16.57	PO	Attending Hot Spot
N.Koyna-Karad -Ckt II	IntraState	15/09/2015	16.05		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/09/2015	16.07		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/09/2015	17.06		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	15/09/2015	17.47	15/09/2015	21.01	EO	Taken on TBC for Attending Hot Spot.
400 KV ICT Outages/Trippings							
400/220/33 315MVA ICT-III @Khadka	IntraState	15/09/2015	09.01	15/09/2015	15.00	PO	Tan Delta Measurment of CTs
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	15/09/2015	10:35	15/09/2015	17:48	PO	Maintenance and testing work
220 KV LINE Outages/Trippings							
Wardha Deoli (Pg)	InterState	15/09/2015	11.41	15/09/2015	15.52	PO	Taking Trail Thruh Relay of Breaker.
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	Tripped on B ph Diff Prot. cable damage near reliance sub station.
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
Kalwa - Mulund 1	IntraState	22/08/2015	07.35		Continued.	PO	Mumbai Strengthening work
Karad - Vita Ckt- II	IntraState	15/09/2015	08.37	15/09/2015	18.04	PO	String Replacement Work.
Dondaicha(220)-Amalner(220)	IntraState	15/09/2015	10.09	15/09/2015	13.46	PO	Replacement of Line Isolator.
Kharghar - Tss Panvel	IntraState	15/09/2015	10.17	15/09/2015	13.40	PO	Attending Hot Spot on Breaker.Ckt on TBC.
Miraj - Ichalkaranji II	IntraState	15/09/2015	10.19		Continued.	PO	String Replacement Work.
Kalwa-TIFIL	IntraState	15/09/2015	13.10	15/09/2015	19.47	T	Y Ph LA Burst.
Talandage - Sawantwadi I	IntraState	15/09/2015	13.38	15/09/2015	18.30	T	Distance Protection B Ph.
Babhaleshwar-Nagar-I	IntraState	15/09/2015	22.28	15/09/2015	22.58	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 15/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 16/Sep/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panal
220/33 Kv 100 Mva Bbl Ptr 2 @Valve	IntraState	15/09/2015	16.34	15/09/2015	17.05	T	Over Current & Earth Fault.
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	15/09/2015	16.34		Continued.	T	On Snake Fault,R,Y,B Ph Breaker Pole Burst.
132 KV LINE Outages/Trippings							
Sakikheda - parli I	IntraState	14/09/2015	16.46	15/09/2015	06.15	T	Distance Protection Operated Z-I R Ph.Insulator String Decapped.
Parli 1 - Parli 2(Girwali) Ckt - I	IntraState	14/09/2015	16.50	15/09/2015	09.05	T	Distance Protection Operated Z-I R Ph.

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