

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Sep/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.982	120.982	1) Gujrat	6.936	6.936
2) Hydro	5.850	5.850	2) Madhya Pradesh	9.383	9.383
3) Gas	6.321	6.321	3) Chattisgarh	4.550	4.550
Total MSPGCL	133.153	133.153	4) Maharashtra Net	75.586	75.586
B) 1) APML	46.625	46.625	5) Goa (Amona)	-0.640	-0.640
2) JSWEL	13.964	13.964	6) TAPS 1&2 Injection	7.710	7.710
3) VIPL	10.082	10.082	7) RGPPL Injection	11.827	11.827
4) RPL(AMT)	0.000	0.000	8) Pench (MS)	0.492	0.492
5) WPCL	4.723	4.723	9) Pench (Excess)	-0.492	-0.492
6) PGPL	0.376	0.376	Total	114.860	114.860
7) Other IPP	2.952	2.952	a) Mumbai Schedule	18.149	18.149
C) 1) TPCL Thermal	12.413	12.413	b) Mumbai Drawl	28.138	28.138
2) TPCL Hydro	5.890	5.890	c) MSEDCL Bilateral *	28.870	28.870
3) TPCL Gas	4.275	4.275	Include PX	0.000	0.000
4) R-INFRA Thermal	9.665	9.665	d) Mumbai Bilateral *	18.149	18.149
D) STATE			Include PX	1.365	1.365
1) Thermal	221.406	221.406	Include Standby	0.000	0.000
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro (A2+C2)	11.740	11.740	1) MSEDCL	322.905	322.905
3) Gas (A3+B6+C3)	10.972	10.972	2) Mumbai Discoms	60.381	60.381
4) Wind	23.416	23.416	TOTAL STATE	383.286	383.286
6) SOLAR	0.892	0.892			
TOTAL STATE	268.426	268.426			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5126	5159	5003	5042
MSPGCL Hydro	407	245	570	68
MSPGCL Gas	263	257	262	276
MSPGCL Total Generation	5796	5661	5835	5386
Central Sector Receipt	6073	5244	4925	3561
WIND	1041	758	1079	1093
CPP / IPP Thermal	3303	3543	3396	3111
CPP / IPP Gas	0	0	0	0
SOLAR	80	140	0	0
Exchange with Mumbai	-1352	-1568	-1343	-658
MSEDCL DEMAND MET	14941	13778	13892	12493
Load Shedding	0	0	0	0
MSEDCL DEMAND	14941	13778	13892	12493
TPCL GENERATION	1083	1087	1077	698
R-INFRA GENERATION	402	403	403	403
MUMBAI DEMAND	2837	3058	2823	1759
STATE DEMAND MET	17778	16836	16715	14252
STATE DEMAND	17778	16836	16715	14252
Frequency (Hz)	50.00	49.98	49.96	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 18.01 Hrs	49.15 Hz at 18.11 Hrs	50	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 01/Sep/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.85	2.85	145	100
Unit 6	0.00	0.00	0	0
Unit 7	3.56	3.56	175	120
Unit 8	11.75	11.75	507	430
Total	18.16	18.16		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.82	8.82	380	360
Unit 5	8.86	8.86	380	365
Total	17.68	17.68		
Parli				
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 3	4.03	4.03	172	163
Unit 4	4.03	4.03	171	163
Unit 5	8.78	8.78	370	355
Unit 6	8.77	8.77	370	355
Unit 7	8.72	8.72	374	350
Unit 8	8.75	8.75	400	347
Total	43.09	43.09		
Paras				
Unit 3	4.76	4.76	210	189
Unit 4	4.73	4.73	209	189
Total	9.49	9.49		
Khaparkheda				
Unit 1	3.82	3.82	165	150
Unit 2	2.80	2.80	160	0
Unit 3	3.96	3.96	171	160
Unit 4	3.90	3.90	164	161
Unit 5	10.06	10.06	500	390
Total	24.54	24.54		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.98	3.98	170	160
Unit 5	4.03	4.03	174	163
Total	8.01	8.01		
Uran				
All Units	6.32	6.32	281	251
Total	6.32	6.32		
PGPL				
Unit 1	0.25	0.25	181	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.13	0.13	97	0
Total	0.38	0.38		
PENCH (MS)				
Pench (MS)	0.49	0.49	27	11
Total	0.49	0.49		
Koyna				
Stage 1-2	2.02	2.02	400	40
Stage 4	0.51	0.51	336	0
Stage 3	0.82	0.82	162	0
Total	3.36	3.36		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.48	0.48	60	0
TILLARI	0.25	0.25	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.50	0.50	80	0
RNGR+BHTSA	0.37	0.37	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	0.32	14	13
GHATGHAR	0.57	0.57	250	0
Total	2.49	2.49		
Wind				
Total	23.42	23.42	0	0
Total	23.42	23.42		
CPP				
APML(Mus)	46.62	46.62	0	0
JSWEL(Mus)	13.96	13.96	0	0
VIPL(Mus)	10.08	10.08	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.72	4.72	0	0
Other(Mus)	2.95	2.95	0	0
Total	78.35	78.35		
SOLAR				
Total	0.89	0.89	0	0
Total	0.89	0.89		
Tata				
Trombay 5	7.59	7.59	317	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.70	2.70	115	94
Trombay 7B	1.58	1.58	67	60
Trombay 8	4.83	4.83	203	200
TATA Hydro	5.89	5.89	387	34
Total	22.58	22.58		
R-INFRA				
1-2	9.66	9.66	404	402
Total	9.66	9.66		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	0.00
Koradi 9	0.00	0.00
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	120.98	120.98
MSPGCL Thml+Gas	127.30	127.30
MSPGCL Hydro	5.85	5.85

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	133.15	133.15
Koyna 1,2 & 4 Total	2.53	2.53
State Total	268.43	268.43

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Sep/2016

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			THM	GAS										
1	4999	68	265	5332	687	3120	0	0	5231	4884	-1000	13023	0	13023	2101	15124	50.00
2	5045	68	265	5378	700	3105	0	0	4879	4287	-816	12654	0	12654	1920	14574	50.00
3	5037	73	266	5376	714	3113	0	0	4011	4061	-705	12559	0	12559	1806	14365	49.99
4	5037	93	265	5395	922	3098	0	0	3975	3906	-657	12664	0	12664	1759	14423	50.04
5	5042	68	276	5386	1093	3111	0	0	3818	3561	-658	12493	0	12493	1759	14252	50.04
6	5031	454	266	5751	970	3144	0	0	4077	4051	-728	13188	0	13188	1863	15051	50.03
7	5051	645	266	5962	1035	3208	0	4	3921	4528	-860	13877	0	13877	2033	15910	50.03
8	5073	523	265	5861	1080	3269	0	18	4905	5168	-916	14480	0	14480	2272	16752	50.04
9	5058	533	281	5872	1089	3291	0	40	5448	5417	-1086	14623	0	14623	2529	17152	50.04
10	5126	407	263	5796	1041	3303	0	80	5680	6073	-1352	14941	0	14941	2837	17778	50.00
11	5133	349	260	5742	1015	3462	0	105	5781	5931	-1592	14663	0	14663	3080	17743	50.03
12	5103	289	257	5649	866	3548	0	110	5854	5945	-1593	14525	0	14525	3082	17607	49.99
13	5159	245	257	5661	758	3543	0	140	5767	5244	-1568	13778	0	13778	3058	16836	49.98
14	5196	120	259	5575	834	3544	0	112	5652	4784	-1412	13437	0	13437	2902	16339	50.01
15	5060	74	259	5393	1128	3512	0	114	5585	4892	-1477	13562	0	13562	2966	16528	49.80
16	4962	74	260	5296	1230	3419	0	76	5452	5191	-1483	13729	0	13729	2973	16702	49.99
17	4971	70	260	5301	1451	3194	0	61	4978	4907	-1477	13437	0	13437	2964	16401	49.99
18	4921	98	251	5270	1236	3131	0	29	4243	4078	-1467	12277	0	12277	2922	15199	49.98
19	4894	372	262	5528	1068	3142	0	3	3922	4391	-1348	12784	0	12784	2836	15620	49.96
20	5003	570	262	5835	1079	3396	0	0	4790	4925	-1343	13892	0	13892	2823	16715	49.96
21	5031	304	263	5598	937	3310	0	0	5074	4954	-1207	13592	0	13592	2637	16229	50.01
22	5001	197	262	5460	943	3174	12	0	4691	4690	-1144	13135	0	13135	2528	15663	50.00
23	5021	86	263	5370	805	3108	87	0	4612	4642	-1156	12856	0	12856	2436	15292	49.99
24	5028	70	268	5366	735	3101	277	0	4323	4350	-1093	12736	0	12736	2295	15031	50.02
MUs	120.98	5.85	6.32	133.15	23.42	78.35	0.38	0.89	116.67	114.86	-28.14	322.91	0.00	322.91	60.38	383.29	50.00

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 01/Sep/2016

Position as on 6.30 Hrs of 02/Sep/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No concent to operate	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-2	270	18/06/2016	06.54		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	30/06/2016	10.11		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	01/07/2016	18.40		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Bhusawal Unit 3	210	08/07/2016	23.57		Continued.	ID Fan Problem (Converted to Zero schedule by MSEDCL from 11-07-2016)	
IPP	Adani U-4	660	13/07/2016	02.22		Continued.	Zero Shedule By MSEDCL,Shedule Glven On 21/08/2016	
MSPGCL	Chandrapur Unit 9	500	11/08/2016	22.11		Continued.	Oil Shortage.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Uran Unit B0	120	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 3A	230	16/08/2016	17.24		Continued.	Change Over	
MSPGCL	Koyna Unit 8	80	19/08/2016	11.00		Continued.	High Vibration On LGB & UGB.	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Sep/2016

Position as on 6.30 Hrs of 02/Sep/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 3	210	28/08/2016	21.45		Continued.	Zero Shedule By MSEDCL.	
IPP	JSW (J) U1	300	30/08/2016	08.49	02/09/2016	13.48	For Rectification Of GTCB Y-Phase Spring Charge Motor Problem.	
PGPL	PGPL U2	126	30/08/2016	21.11	01/09/2016	22.14	Gas shortage	
PGPL	PGPL U1	262	30/08/2016	21.11	01/09/2016	21.23	Gas shortage	
MSPGCL	Khaparkheda Unit 2	210	01/09/2016	14.04	01/09/2016	18.48	Tripped on over frequency	
MSPGCL	Bhusawal Unit 4	500	02/09/2016	10.35		Continued.	Boiler Tube Leakage (Converted to Zero schedule from 20:30 Hrs of 04/09/2016)	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 02/Sep/2016

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 Solapur (PG) II	InterState	01/09/2016	02.57	01/09/2016	06.57	T	Over Voltage
Main Bus- II @ Jejuri	InterState	01/09/2016	10.17	01/09/2016	21.26	PO	Annual Maintenance Work
Kolhapur Solapur (PG) II	InterState	02/09/2016	02.05	02/09/2016	08.04	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	02/09/2016	16.38		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
karad -kolhapur-I	IntraState	29/08/2016	16.14		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	31/08/2016	16.40	02/09/2016	09.29	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/08/2016	16.48		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	01/09/2016	08.35	01/09/2016	10.39	T	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	02/09/2016	12.26	02/09/2016	16.30	PO	Attending Hot Spot
Kalwa - Kharghar	IntraState	02/09/2016	12:07	02/09/2016	17:00	T	Distance Protection
Karad-Jaigad - I	IntraState	02/09/2016	15.52		Continued.	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	02/09/2016	18.07	02/09/2016	18.34	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	20/08/2016	11.06		Continued.	PO	Shifted on TBC, by hot line jumper open for construction of kudus bay ektuni CKT-2 will remain off during this outage period.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end)
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
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 de-energising 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 de-energising the line bet.86 to 107.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Bableswhar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Kalwa - Borivali	IntraState	01/09/2016	00.21	01/09/2016	05.57	PO	Relay Testing Work
Bhigwan-Baramat lagro	IntraState	01/09/2016	10.00	01/09/2016	17.41	PO	Annual Maintenance Work
Padghe - Kamba	IntraState	02/09/2016	09.42	02/09/2016	18.41	PO	Testing Work
Dhule - Dondaicha Ckt	IntraState	02/09/2016	11.31	02/09/2016	15.00	PO	Distance Relay Testing Work
Siemens - Mahape	IntraState	02/09/2016	12.07	02/09/2016	12.45	T	Distance Protection
Mahape - TIFIL	IntraState	02/09/2016	12.07	02/09/2016	13.40	T	Distance Protection,Over Current.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/132 Kv 150 Mva Cgl Ptr No 7 @Chinchwad	IntraState	01/09/2016	11.37	01/09/2016	18.25	PO	Annual Maintenance Work
220/33 Kv 50mva Bhel Ptr No 1 @Alephata	IntraState	01/09/2016	16.25	01/09/2016	17.29	PO	Attending Hot Spot
220/22 Kv 50 Mva Telk Ptr 2 @Mahad	IntraState	02/09/2016	06.00	02/09/2016	11.30	T	On Main Buczloz Relay.
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	02/09/2016	13.25	02/09/2016	15.50	PO	Testing Work
132 KV LINE Outages/Trippings							

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 01/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 02/Sep/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pbn-li - Jintoor	IntraState	02/09/2016	02.25	02/09/2016	02.40	T	Distance Protection
Theur-Sanaswadi	IntraState	02/09/2016	03.27		Continued.	T	Distance Protection,B Phase Earth Fault,Zone-2.
Kanhan-Mansar	IntraState	02/09/2016	11.32	02/09/2016	12.35	T	Distance Protection
Kanhan-Kanhanrlytss 2	IntraState	02/09/2016	11.32	02/09/2016	12.35	T	Main Bus-II Bus Bar Protection Operated.
Kanhan-Pardi	IntraState	02/09/2016	11.32	02/09/2016	12.37	T	Main Bus-II Bus Bar Protection Operated.
Kanhan-Bhandara	IntraState	02/09/2016	11.32	02/09/2016	12.27	T	Main Bus-II Bus Bar Protection Operated.
Ambad-Ghansawangi	IntraState	02/09/2016	20.05	02/09/2016	20.20	T	Distance Protection
100 KV LINE Outages/Trippings							
Vasai-li - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.

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