

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Sep/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.836	398.246	1) Gujrat	2.463	10.448
2) Hydro	24.355	51.142	2) Madhya Pradesh	19.594	76.028
3) Gas	6.390	16.925	3) Chattisgarh	5.960	24.130
Total MSPGCL	132.581	466.313	4) Maharashtra Net	102.504	398.377
B) 1) APML	44.340	177.389	5) Goa (Amona)	0.000	-0.022
2) JSWEL	17.317	66.555	Total	130.521	508.961
3) VIPL	7.482	29.917	a) Mumbai Schedule	20.824	78.167
4) RPL(AMT)	25.587	86.478	b) Mumbai Drawl	24.852	92.189
5) WPCL	2.560	10.856	c) MSEDCL Bilateral *	25.588	98.468
6) PGPL	0.000	0.000	Include PX	4.261	13.631
7) Other IPP	3.273	14.061	d) Mumbai Bilateral *	20.824	78.167
C) 1) TPCL Thermal	16.060	61.960	Include PX	4.981	17.737
2) TPCL Hydro	6.625	21.928	Include Standby	0.000	0.000
3) TPCL Gas	1.981	7.905	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.381	43.048	1) MSEDCL	347.958	1336.139
D) STATE			2) Mumbai Discoms	60.899	227.028
1) Thermal	229.836	888.510	TOTAL STATE	408.857	1563.167
(A1+C1+C4+(B1-B6))					
2) Hydro	30.980	73.070			
(A2+C2)					
3) Gas	8.371	24.830			
(A3+B6+C3)					
4) Wind	7.095	59.317			
6) SOLAR	2.054	8.481			
TOTAL STATE	278.336	1054.208			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4145	4190	4545	4072
MSPGCL Hydro	1679	1369	2019	84
MSPGCL Gas	259	269	274	279
MSPGCL Total Generation	6083	5828	6838	4435
Central Sector Receipt	5934	6022	5243	4575
WIND	113	480	298	340
CPP / IPP Thermal	4200	4325	4261	4152
CPP / IPP Gas	0	0	0	0
SOLAR	272	184	0	0
Exchange with Mumbai	-1385	-1337	-1153	-747
MSEDCL DEMAND MET	15217	15502	15487	12755
Load Shedding	0	0	0	0
MSEDCL DEMAND	15217	15502	15487	12755
TPCL GENERATION	1232	1175	1196	635
R-INFRA GENERATION	498	497	497	375
MUMBAI DEMAND	3115	3009	2846	1757
STATE DEMAND MET	18332	18511	18333	14512
STATE DEMAND	18332	18511	18333	14512
Frequency (Hz)	49.92	49.92	49.91	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 06.01 Hrs	49.66 Hz at 19.09 Hrs	49.94	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 04/Sep/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.75	8.81	149	0
Unit 8	12.61	49.67	617	495
Unit 9	11.71	46.34	568	458
Unit 10	0.00	0.00	0	0
Total	25.07	104.82		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.14	16.48	470	300
Unit 5	10.24	38.55	480	310
Total	18.38	55.04		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.78	18.52	250	190
Unit 7	4.41	16.69	243	151
Unit 8	0.00	0.00	0	0
Total	9.19	35.21		
Chandrapur				
Unit 3	4.74	18.95	200	194
Unit 4	0.00	0.00	0	0
Unit 5	0.25	6.16	127	0
Unit 6	8.17	32.30	375	290
Unit 7	0.00	0.00	0	0
Unit 8	11.80	44.66	500	470
Unit 9	0.00	0.00	0	0
Total	24.96	102.07		
Paras				
Unit 3	4.10	17.56	235	159
Unit 4	4.14	17.54	231	157
Total	8.24	35.10		
Khaparkheda				
Unit 1	3.77	13.58	175	135
Unit 2	4.08	13.72	190	160
Unit 3	3.77	14.58	170	143
Unit 4	0.00	0.00	0	0
Unit 5	0.00	7.68	0	0
Total	11.63	49.56		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.36	16.47	205	165
Unit 5	0.00	0.00	0	0
Total	4.36	16.47		
Uran				
All Units	6.39	16.92	280	206
Total	6.39	16.92		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.05	0.19	43	0
Total	0.05	0.19		
Koyna				
Stage 1-2	6.32	15.10	555	40
Stage 4	11.74	18.73	1002	0
Stage 3	4.14	8.24	240	0
Total	22.21	42.07		
Hydro				
KDPH	0.10	0.10	18	0
VTRNA	0.77	3.66	61	0
TILLARI	0.18	0.29	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	1.35	80	0
RNGR+BHTSA	0.39	1.15	17	16
BHANDARDRA	0.26	1.30	15	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.18	1.22	8	7
GHATGHAR	0.00	0.00	0	0
Total	2.15	9.07		
Wind				
Total	7.10	59.32	0	0
Total	7.10	59.32		
CPP				
APML(Mus)	44.34	177.39	0	0
JSWEL(Mus)	17.32	66.56	0	0
VIPL(Mus)	7.48	29.92	0	0
RPLAMT(Mus)	25.59	86.48	0	0
WPCL(Mus)	2.56	10.86	0	0
Other(Mus)	3.27	14.06	0	0
Total	100.56	385.26		
SOLAR				
Total	2.05	8.48	0	0
Total	2.05	8.48		
Tata				
Trombay 5	10.41	40.28	479	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.08	4.31	46	44
Trombay 7B	0.90	3.60	38	37
Trombay 8	5.65	21.68	250	201
TATA Hydro	6.62	21.93	459	38
Total	24.67	91.79		
R-INFRA				
DTPS U-1&2	11.38	43.05	502	375
Total	11.38	43.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	101.84	398.25	MSPGCL Total	132.58	466.31
			MSPGCL Thml+Gas	108.23	415.17	Koyna 1,2 & 4 Total	18.07	33.83
			MSPGCL Hydro	24.36	51.14	State Total	278.34	1054.21

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 04/Sep/2017

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			THM	GAS										
1	4263	104	206	4573	429	4045	0	0	4883	5039	-895	13191	0	13191	2120	15311	49.97
2	4228	254	262	4744	399	3905	0	0	4579	5090	-882	13256	0	13256	1940	15196	49.98
3	4194	149	257	4600	369	4067	0	0	4519	4738	-804	12970	0	12970	1815	14785	49.95
4	4072	84	279	4435	340	4152	0	0	4538	4575	-747	12755	0	12755	1757	14512	49.96
5	4047	89	279	4415	285	4157	0	0	4909	4886	-704	13039	0	13039	1744	14783	49.93
6	4078	398	280	4756	351	4150	0	0	5159	5397	-572	14082	0	14082	1889	15971	49.94
7	3991	984	272	5247	234	4168	0	6	5727	5897	-600	14952	0	14952	2013	16965	49.94
8	4097	1346	270	5713	220	4161	0	71	5970	5869	-818	15216	0	15216	2250	17466	49.99
9	4161	1279	278	5718	201	4155	0	149	6135	6245	-1020	15448	0	15448	2500	17948	49.93
10	4128	1564	277	5969	147	4186	0	167	5767	5828	-1330	14967	0	14967	2908	17875	49.92
11	4134	1502	262	5898	120	4196	0	258	5869	5924	-1391	15005	0	15005	3023	18028	49.97
12	4145	1679	259	6083	113	4200	0	272	5945	5934	-1385	15217	0	15217	3115	18332	49.92
13	4143	1689	270	6102	188	4167	0	273	5929	5867	-1369	15228	0	15228	3080	18308	49.92
14	4144	1505	259	5908	185	4313	0	296	5746	5853	-1308	15247	0	15247	2969	18216	49.93
15	4181	1514	258	5953	250	4303	0	237	5802	5870	-1307	15306	0	15306	3007	18313	49.90
16	4190	1369	269	5828	480	4325	0	184	5791	6022	-1337	15502	0	15502	3009	18511	49.92
17	4175	865	259	5299	541	4315	0	100	5682	5832	-1291	14796	0	14796	2981	17777	49.90
18	4207	799	261	5267	430	4253	0	37	5498	5556	-1260	14283	0	14283	2942	17225	49.93
19	4263	1039	272	5574	417	4106	0	4	5502	5557	-1122	14536	0	14536	2829	17365	49.88
20	4545	2019	274	6838	298	4261	0	0	5300	5243	-1153	15487	0	15487	2846	18333	49.91
21	4657	1529	256	6442	276	4282	0	0	4890	4796	-1042	14754	0	14754	2745	17499	49.98
22	4771	902	276	5949	278	4296	0	0	4776	4846	-866	14503	0	14503	2563	17066	49.97
23	4588	784	277	5649	318	4225	0	0	4720	4751	-741	14202	0	14202	2491	16693	49.92
24	4434	909	278	5621	226	4168	0	0	4932	4905	-908	14012	0	14012	2363	16375	49.92
MUs	101.84	24.36	6.39	132.58	7.10	100.56	0.00	2.05	128.57	130.52	-24.85	347.96	0.00	347.96	60.90	408.86	49.94

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 04/Sep/2017

Position as on 6.30 Hrs of 05/Sep/2017

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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule. Converted into COH from 00:00Hrs of 02.08.2017	
MSPGCL	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work. Converted to COH from 15.08.2017.	
MSPGCL	Chandrapur Unit 4	210	22/08/2017	23.56		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	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Shutdown	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL, scheduled issued on 08.08.2017 but synchronization delayed.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Sep/2017

Position as on 6.30 Hrs of 05/Sep/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-1	660	07/08/2017	00.29		Continued.	AIR PREHEATER PROBLEM.	
MSPGCL	Nasik Unit 5	210	09/08/2017	00.00		Continued.	ID Fan Problem converted to zero schedule from 19:00Hrs of 11.08.2017	
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	
MSPGCL	Chandrapur Unit 9	500	18/08/2017	15.26		Continued.	Turbine sharp Vibration problem.	
IPP	RPL(AMT) U-2	270	20/08/2017	16.02		Continued.	Zero Schedule Given By MSEDCL(Converted for BTL from 17.00Hrs Dt. 02-09-2017)	
MSPGCL	Chandrapur Unit 7	500	26/08/2017	00.23		Continued.	Stem line leakage	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Low furnace pressure	
MSPGCL	Koradi Unit 10	660	30/08/2017	12.51		Continued.	poor coal receipt.	
MSPGCL	Uran Unit A0	120	01/09/2017	09.13	04/09/2017	00.54	Gas shortage	
MSPGCL	Uran Unit 5	108	01/09/2017	09.16		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 5	500	01/09/2017	16.50	04/09/2017	21.41	Vaccume Protection operated.	
MSPGCL	Khaparkheda Unit 5	500	01/09/2017	18.29		Continued.	Due to shaft vibration High.	
MSPGCL	Koradi Unit 7	210	03/09/2017	07.30	04/09/2017	17.37	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 05/Sep/2017

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kv Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	01/09/2017	21.38	04/09/2017	07.42	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	04/09/2017	19.22		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	26/08/2017	20.35		Continued.	HT	To control load on PDG-BBLR.
karad -kolhapur-II	IntraState	28/08/2017	16.38	04/09/2017	09.22	HT	Over Voltage
Chandrapur - Parli	IntraState	29/08/2017	22.07	04/09/2017	06.20	HT	Over Voltage
Karad-Jaigad - I	IntraState	03/09/2017	10.56	04/09/2017	09.25	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/09/2017	19.13	04/09/2017	06.47	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	03/09/2017	23.50	04/09/2017	06.32	T	Distance Protection
karad -kolhapur-I	IntraState	04/09/2017	17.02		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	04/09/2017	17.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39		Continued.	PO	Attend defects observed in OLTC of ICT 1.
400/220 KV 315 MVA ICT- I @Koradi	IntraState	04/09/2017	09.06	04/09/2017	18.27	PO	Retrofitting Of Overcurrent Relay For Implementation Of Load Trimming scheme.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Nasik Navsari II	InterState	04/09/2017	05.58	04/09/2017	06.43	T	Tripped only from Navsari end.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Nanded-Ghatodi	IntraState	04/09/2017	09.28	04/09/2017	14.15	PO	REPLACEMENT OF FAULTY DISC INSULATOR STRING.
Talandge(400kv)- Ichalkaranji 1	IntraState	04/09/2017	10.05	04/09/2017	17.07	PO	Quarterly Bay Equipment Maintenance & Attending Hot Spots Observed I Thermo vision.
Padghe - Nalasopara	IntraState	04/09/2017	10.38	04/09/2017	10.54	T	Distance Protection
Uran - Ongc Uran	IntraState	04/09/2017	10.41	04/09/2017	15.23	PO	Attending Hot Spot
Mumewadi -Halkarni I	IntraState	04/09/2017	11.11	04/09/2017	14.45	PO	Quarterly Maintainance Work
Talandage(400kv) - Five Star Midc	IntraState	04/09/2017	12.14	04/09/2017	14.55	PO	Diagnostic testing Work.
Uran - Jnpt	IntraState	04/09/2017	15.59	04/09/2017	18.06	PO	Attending Hot Spot
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 200 MVA ICT II @Kalmeshwar	IntraState	04/09/2017	16.00	04/09/2017	18.00	PO	TO ATTEND DC FAIL INDICATION ON CTR PANEL.

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