

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Sep/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.433	296.410	1) Gujrat	1.964	7.985
2) Hydro	5.756	26.787	2) Madhya Pradesh	18.559	56.434
3) Gas	3.276	10.535	3) Chattisgarh	6.320	18.170
Total MSPGCL	106.465	333.732	4) Maharashtra Net	101.593	295.873
B) 1) APML	45.086	133.049	5) Goa (Amona)	0.000	-0.022
2) JSWEL	16.971	49.238	Total	128.436	378.440
3) VIPL	7.479	22.435	a) Mumbai Schedule	17.150	57.343
4) RPL(AMT)	23.970	60.891	b) Mumbai Drawl	20.091	67.337
5) WPCL	2.905	8.296	c) MSEDCL Bilateral *	28.343	72.880
6) PGPL	0.000	0.000	Include PX	6.081	9.370
7) Other IPP	3.581	10.788	d) Mumbai Bilateral *	17.150	57.343
C) 1) TPCL Thermal	15.250	45.900	Include PX	2.950	12.756
2) TPCL Hydro	3.148	15.303	Include Standby	0.000	0.000
3) TPCL Gas	1.978	5.924	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.300	31.667	1) MSEDCL	334.902	988.181
D) STATE			2) Mumbai Discoms	50.767	166.129
1) Thermal	222.975	658.674	TOTAL STATE	385.669	1154.310
(A1+C1+C4+(B1-B6))					
2) Hydro	8.904	42.090			
(A2+C2)					
3) Gas	5.254	16.459			
(A3+B6+C3)					
4) Wind	18.362	52.222			
6) SOLAR	1.738	6.427			
TOTAL STATE	257.233	775.872			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4050	3976	4068	4132
MSPGCL Hydro	181	161	1020	71
MSPGCL Gas	130	128	141	133
MSPGCL Total Generation	4361	4265	5229	4336
Central Sector Receipt	6157	6195	4859	4278
WIND	680	641	875	901
CPP / IPP Thermal	4247	4246	4380	4051
CPP / IPP Gas	0	0	0	0
SOLAR	255	228	0	0
Exchange with Mumbai	-909	-1019	-703	-781
MSEDCL DEMAND MET	14791	14556	14640	12785
Load Shedding	0	0	0	0
MSEDCL DEMAND	14791	14556	14640	12785
TPCL GENERATION	932	888	1200	631
R-INFRA GENERATION	446	376	496	375
MUMBAI DEMAND	2287	2283	2399	1787
STATE DEMAND MET	17078	16839	17039	14572
STATE DEMAND	17078	16839	17039	14572
Frequency (Hz)	49.98	49.93	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 07.03 Hrs	49.76 Hz at 22.11 Hrs	49.97	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 03/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	1.11	8.05	160	0
Unit 8	13.28	37.06	625	458
Unit 9	13.52	34.63	635	433
Unit 10	0.00	0.00	0	0
Total	27.91	79.74		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.04	8.34	475	230
Unit 5	7.72	28.31	430	300
Total	15.76	36.66		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.55	13.74	194	184
Unit 7	3.76	12.28	176	148
Unit 8	0.00	0.00	0	0
Total	8.31	26.02		
Chandrapur				
Unit 3	4.76	14.21	200	198
Unit 4	0.00	0.00	0	0
Unit 5	0.00	5.90	0	0
Unit 6	8.00	24.14	350	315
Unit 7	0.00	0.00	0	0
Unit 8	10.55	32.86	490	330
Unit 9	0.00	0.00	0	0
Total	23.31	77.10		
Paras				
Unit 3	4.06	13.46	220	145
Unit 4	4.01	13.40	210	150
Total	8.08	26.86		
Khaparkheda				
Unit 1	3.66	9.81	165	140
Unit 2	3.42	9.63	155	120
Unit 3	3.69	10.81	160	145
Unit 4	0.00	0.00	0	0
Unit 5	0.00	7.68	0	0
Total	10.78	37.93		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.29	12.10	201	0
Unit 5	0.00	0.00	0	0
Total	3.29	12.10		
Uran				
All Units	3.28	10.54	193	116
Total	3.28	10.54		
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)	0.04	0.14	33	0
Total	0.04	0.14		
Koyna				
Stage 1-2	1.77	8.78	260	40
Stage 4	1.34	6.98	570	0
Stage 3	0.59	4.10	80	0
Total	3.69	19.86		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.99	2.88	61	0
TILLARI	0.00	0.12	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	1.09	80	0
RNGR+BHTSA	0.17	0.76	16	0
BHANDARDRA	0.35	1.04	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	1.04	11	10
GHATGHAR	0.00	0.00	0	0
Total	2.06	6.92		
Wind				
Total	18.36	52.22	0	0
Total	18.36	52.22		
CPP				
APML(Mus)	45.09	133.05	0	0
JSWEL(Mus)	16.97	49.24	0	0
VIPL(Mus)	7.48	22.44	0	0
RPLAMT(Mus)	23.97	60.89	0	0
WPCL(Mus)	2.90	8.30	0	0
Other(Mus)	3.58	10.79	0	0
Total	99.99	284.70		
SOLAR				
Total	1.74	6.43	0	0
Total	1.74	6.43		
Tata				
Trombay 5	9.96	29.87	477	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.08	3.23	46	44
Trombay 7B	0.90	2.70	38	37
Trombay 8	5.30	16.03	250	199
TATA Hydro	3.15	15.30	459	39
Total	20.38	67.13		
R-INFRA				
DTPS U-1&2	10.30	31.67	500	374
Total	10.30	31.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	97.43	296.41	MSPGCL Total	106.46	333.73
			MSPGCL Thml+Gas	100.71	306.94	Koyna 1,2 & 4 Total	3.10	15.76
			MSPGCL Hydro	5.76	26.79	State Total	257.23	775.87

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Sep/2017

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	4218	66	132	4416	792	4141	0	0	5008	4835	-941	13243	0	13243	2126	15369	49.99
2	4083	66	133	4282	795	4165	0	0	4667	4581	-934	12889	0	12889	1985	14874	49.99
3	4118	66	123	4307	792	4168	0	0	4506	4378	-827	12818	0	12818	1841	14659	49.98
4	4132	71	133	4336	901	4051	0	0	4473	4278	-781	12785	0	12785	1787	14572	50.01
5	3992	66	134	4192	868	3863	0	0	4743	4836	-750	13009	0	13009	1755	14764	49.99
6	3948	130	133	4211	880	3906	0	0	5386	5544	-803	13738	0	13738	1811	15549	49.98
7	3907	166	133	4206	983	3973	0	5	6160	6126	-800	14493	0	14493	1825	16318	50.00
8	4106	187	132	4425	932	3974	0	41	6322	6238	-861	14749	0	14749	1900	16649	49.99
9	4137	278	131	4546	827	4008	0	105	6170	6474	-934	15026	0	15026	1986	17012	49.96
10	4113	407	131	4651	769	4230	0	173	5591	5336	-919	14240	0	14240	2141	16381	49.99
11	4033	211	121	4365	724	4243	0	201	5667	5861	-809	14585	0	14585	2241	16826	49.97
12	4050	181	130	4361	680	4247	0	255	6163	6157	-909	14791	0	14791	2287	17078	49.98
13	3976	161	128	4265	641	4246	0	228	6171	6195	-1019	14556	0	14556	2283	16839	49.93
14	3868	204	128	4200	725	4229	0	222	5832	6092	-936	14532	0	14532	2224	16756	50.01
15	3808	142	116	4066	830	4231	0	206	5901	5895	-812	14416	0	14416	2219	16635	50.00
16	3848	142	126	4116	838	4238	0	170	5941	5713	-762	14313	0	14313	2179	16492	49.95
17	3867	152	128	4147	841	4202	0	91	5405	5444	-742	13983	0	13983	2155	16138	50.02
18	3930	145	118	4193	816	4196	0	36	5262	5281	-902	13620	0	13620	2128	15748	49.95
19	4035	365	128	4528	898	4217	0	5	5173	5043	-840	13851	0	13851	2147	15998	49.94
20	4068	1020	141	5229	875	4380	0	0	4891	4859	-703	14640	0	14640	2399	17039	50.00
21	4207	702	153	5062	623	4358	0	0	4526	4516	-664	13895	0	13895	2426	16321	49.94
22	4308	471	160	4939	519	4374	0	0	4705	4784	-786	13830	0	13830	2351	16181	49.90
23	4341	226	191	4758	431	4189	0	0	4968	4895	-853	13420	0	13420	2321	15741	49.92
24	4340	131	193	4664	382	4159	0	0	4978	5075	-804	13476	0	13476	2250	15726	49.96
MUs	97.43	5.76	3.28	106.47	18.36	99.99	0.00	1.74	128.61	128.44	-20.09	334.90	0.00	334.90	50.77	385.67	49.97

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 03/Sep/2017

Position as on 6.30 Hrs of 04/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Sep/2017

Position as on 6.30 Hrs of 04/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	Uran Unit 6	108	24/08/2017	09.33	03/09/2017	19.28	Gas shortage	
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		Continued.	Vacume 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		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	03/09/2017	13.01	03/09/2017	17.25	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 04/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		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	20/08/2017	15.07	03/09/2017	10.48	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/08/2017	20.09	03/09/2017	10.48	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		Continued.	HT	Over Voltage
Chandrapur - Parli	IntraState	29/08/2017	22.07	04/09/2017	06.20	HT	Over Voltage
Chandrapur-Parali III	IntraState	02/09/2017	12.19	03/09/2017	20.40	OO	r ph cvt replacement work.(RFC).
Karad-Jaigad - I	IntraState	03/09/2017	10.56		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/09/2017	19.13		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	03/09/2017	23.50	04/09/2017	06.32	T	Distance Protection
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.
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.
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-Parbhani	IntraState	03/09/2017	11.12	03/09/2017	14.42	PO	SF6 Gas Filling Work.
Kharepatan -Pawas Line	IntraState	03/09/2017	13.15	03/09/2017	13.35	T	Distance Protection
Salsette - Saki 7	IntraState	03/09/2017	15.00	03/09/2017	16.50	PO	tree trimming work.
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)

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