

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Sep/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.365	198.977	1) Gujrat	1.960	6.021
2) Hydro	12.641	21.031	2) Madhya Pradesh	19.726	37.875
3) Gas	3.085	7.259	3) Chattisgarh	6.290	11.850
Total MSPGCL	112.091	227.267	4) Maharashtra Net	101.236	194.280
B) 1) APML	45.124	87.963	5) Goa (Amona)	-0.022	-0.022
2) JSWEL	16.379	32.267	Total	129.190	250.004
3) VIPL	7.486	14.956	a) Mumbai Schedule	19.396	40.192
4) RPL(AMT)	19.787	36.921	b) Mumbai Drawl	21.082	47.246
5) WPCL	3.016	5.391	c) MSEDCL Bilateral *	22.616	44.537
6) PGPL	0.000	0.000	Include PX	2.449	3.289
7) Other IPP	3.654	7.207	d) Mumbai Bilateral *	19.396	40.192
C) 1) TPCL Thermal	16.199	30.650	Include PX	4.949	9.806
2) TPCL Hydro	5.198	12.155	Include Standby	0.000	0.000
3) TPCL Gas	1.980	3.946	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.296	21.367	1) MSEDCL	332.864	653.279
D) STATE			2) Mumbai Discoms	55.753	115.362
1) Thermal	219.306	435.699	TOTAL STATE	388.617	768.641
(A1+C1+C4+(B1-B6))					
2) Hydro	17.839	33.186			
(A2+C2)					
3) Gas	5.065	11.205			
(A3+B6+C3)					
4) Wind	14.940	33.860			
6) SOLAR	2.279	4.689			
TOTAL STATE	259.429	518.639			

* 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 4 Hrs
MSPGCL Thermal	4051	4131	4113	3930
MSPGCL Hydro	616	647	1342	75
MSPGCL Gas	128	118	130	133
MSPGCL Total Generation	4795	4896	5585	4138
Central Sector Receipt	6055	5906	5212	4455
WIND	440	524	679	760
CPP / IPP Thermal	3982	3932	4379	3644
CPP / IPP Gas	0	0	0	0
SOLAR	297	238	0	0
Exchange with Mumbai	-1066	-945	-868	-782
MSEDCL DEMAND MET	14503	14551	14987	12215
Load Shedding	0	0	0	0
MSEDCL DEMAND	14503	14551	14987	12215
TPCL GENERATION	1169	1134	1268	617
R-INFRA GENERATION	499	498	500	375
MUMBAI DEMAND	2734	2577	2636	1774
STATE DEMAND MET	17237	17128	17623	13989
STATE DEMAND	17237	17128	17623	13989
Frequency (Hz)	49.99	49.99	49.93	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18.01 Hrs	49.76 Hz at 19.10 Hrs	49.98	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 02/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	3.67	6.94	160	135
Unit 8	11.88	23.78	574	453
Unit 9	11.28	21.10	532	399
Unit 10	0.00	0.00	0	0
Total	26.84	51.83		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.30	0.30	170	0
Unit 5	11.44	20.59	500	460
Total	11.74	20.90		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.61	9.20	198	184
Unit 7	4.10	8.51	191	144
Unit 8	0.00	0.00	0	0
Total	8.71	17.71		
Chandrapur				
Unit 3	4.73	9.45	200	184
Unit 4	0.00	0.00	0	0
Unit 5	0.00	5.90	0	0
Unit 6	8.24	16.13	378	317
Unit 7	0.00	0.00	0	0
Unit 8	11.54	22.30	500	460
Unit 9	0.00	0.00	0	0
Total	24.50	53.79		
Paras				
Unit 3	4.71	9.40	205	187
Unit 4	4.81	9.39	211	197
Total	9.52	18.78		
Khaparkheda				
Unit 1	3.60	6.14	170	115
Unit 2	3.32	6.20	160	120
Unit 3	3.56	7.12	160	135
Unit 4	0.00	0.00	0	0
Unit 5	0.00	7.68	0	0
Total	10.48	27.15		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.56	8.81	202	160
Unit 5	0.00	0.00	0	0
Total	4.56	8.81		
Uran				
All Units	3.08	7.26	133	118
Total	3.08	7.26		
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	0.10	38	0
Total	0.05	0.10		
Koyna				
Stage 1-2	5.24	7.00	485	40
Stage 4	3.03	5.65	655	0
Stage 3	2.10	3.52	160	0
Total	10.37	16.17		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.96	1.89	61	0
TILLARI	0.00	0.12	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	0.79	80	0
RNGR+BHTSA	0.15	0.58	17	0
BHANDARDRA	0.35	0.69	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.40	0.78	17	16
GHATGHAR	0.00	0.00	0	0
Total	2.27	4.86		
Wind				
Total	14.94	33.86	0	0
Total	14.94	33.86		
CPP				
APML(Mus)	45.12	87.96	0	0
JSWEL(Mus)	16.38	32.27	0	0
VIPL(Mus)	7.49	14.96	0	0
RPLAMT(Mus)	19.79	36.92	0	0
WPCL(Mus)	3.02	5.39	0	0
Other(Mus)	3.65	7.21	0	0
Total	95.45	184.70		
SOLAR				
Total	2.28	4.69	0	0
Total	2.28	4.69		
Tata				
Trombay 5	10.65	19.91	485	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.08	2.15	46	44
Trombay 7B	0.90	1.80	38	37
Trombay 8	5.55	10.74	243	198
TATA Hydro	5.20	12.16	462	18
Total	23.38	46.75		
R-INFRA				
DTPS U-1&2	11.30	21.37	500	375
Total	11.30	21.37		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	96.36	198.98	MSPGCL Total	112.09	227.27
			MSPGCL Thml+Gas	99.45	206.24	Koyna 1,2 & 4 Total	8.27	12.66
			MSPGCL Hydro	12.64	21.03	State Total	259.43	518.64

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	3939	146	133	4218	931	3715	0	0	4895	4854	-958	12760	0	12760	2136	14896	50.00
2	3929	143	132	4204	870	3668	0	0	4586	4624	-889	12477	0	12477	1937	14414	50.00
3	3926	132	133	4191	872	3638	0	0	4226	4545	-808	12438	0	12438	1841	14279	50.01
4	3930	75	133	4138	760	3644	0	0	4090	4455	-782	12215	0	12215	1774	13989	50.02
5	3842	172	132	4146	729	3704	0	0	4387	4755	-769	12565	0	12565	1758	14323	49.95
6	3898	232	123	4253	665	3883	0	0	5172	5194	-750	13245	0	13245	1852	15097	49.94
7	3901	433	133	4467	614	3910	0	6	5844	5925	-646	14276	0	14276	1951	16227	50.02
8	3913	669	133	4715	482	3905	0	67	5969	6443	-667	14945	0	14945	2050	16995	50.01
9	3951	847	132	4930	569	3930	0	138	5954	6016	-764	14819	0	14819	2204	17023	50.01
10	3982	642	131	4755	521	3968	0	241	5558	5772	-941	14316	0	14316	2533	16849	49.96
11	3980	467	118	4565	474	3983	0	280	5659	5919	-995	14226	0	14226	2644	16870	49.93
12	4051	616	128	4795	440	3982	0	297	5798	6055	-1066	14503	0	14503	2734	17237	49.99
13	4037	734	128	4899	390	3929	0	301	5753	5900	-1050	14369	0	14369	2694	17063	49.95
14	4088	785	128	5001	394	3939	0	271	5666	5634	-972	14267	0	14267	2607	16874	49.95
15	4131	647	118	4896	524	3932	0	238	5654	5906	-945	14551	0	14551	2577	17128	49.99
16	4097	899	128	5124	536	3933	0	224	5471	5556	-955	14418	0	14418	2567	16985	49.99
17	4048	868	119	5035	574	3943	0	155	5364	5597	-1031	14273	0	14273	2548	16821	50.00
18	4110	588	129	4827	552	4017	0	59	5025	5296	-1013	13738	0	13738	2522	16260	49.99
19	4100	771	129	5000	606	4207	0	2	5178	5017	-917	13915	0	13915	2512	16427	49.98
20	4113	1342	130	5585	679	4379	0	0	5210	5212	-868	14987	0	14987	2636	17623	49.93
21	4066	777	121	4964	640	4386	0	0	4901	5194	-788	14396	0	14396	2558	16954	49.99
22	4107	439	131	4677	704	4383	0	0	4930	5186	-807	14143	0	14143	2490	16633	49.99
23	4086	142	131	4359	660	4281	0	0	5167	5167	-849	13618	0	13618	2323	15941	49.95
24	4140	75	132	4347	754	4186	0	0	5230	4968	-852	13403	0	13403	2307	15710	49.97
MUs	96.37	12.64	3.09	112.09	14.94	95.45	0.00	2.28	125.69	129.19	-21.08	332.86	0.00	332.86	55.76	388.62	49.98

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 02/Sep/2017

Position as on 6.30 Hrs of 03/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	RPL(AMT) U-4	270	09/06/2017	00.20	02/09/2017	16.51	Zero Schedule by MSEDCL	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Sep/2017

Position as on 6.30 Hrs of 03/Sep/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
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	Bhusawal Unit 4	500	28/08/2017	23.00	02/09/2017	20.28	poor coal receipt	
MSPGCL	Koradi Unit 10	660	30/08/2017	12.51		Continued.	poor coal receipt.	
MSPGCL	Uran Unit A0	120	01/09/2017	09.13		Continued.	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.	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		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/Tripping for 02/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 03/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/Tripping							
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-Bableshtar 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		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/09/2017	01.58	02/09/2017	10.27	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		Continued.	T	Distance Protection
400 KV ICT Outages/Tripping							
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/Tripping							
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.
Chandrapur GCR - Sicom II	IntraState	01/09/2017	08.51	02/09/2017	01.08	PO	Tan Delta Measurement of CTs
Padghe - Wada	IntraState	01/09/2017	23.58	02/09/2017	00.14	HT	Due to 50MVA T/F 2 hv side breaker problem
Wada - Bhavghar	IntraState	02/09/2017	00.09	02/09/2017	00.16	HT	Due 50 MVA T/F 2 HV side breaker problem.
Bhugaon- Wardha	IntraState	02/09/2017	10.13	02/09/2017	14.13	PO	Attending Hot Spot
Koradi II-Khaparkhedha Ckt I	IntraState	02/09/2017	11.03	02/09/2017	14.51	PO	E/W stringing work.
Nanded-Ghatodi	IntraState	02/09/2017	15.02	02/09/2017	17.19	T	Bus Bar Protection Operated
Nanded-Waghale II	IntraState	02/09/2017	15.05	02/09/2017	15.31	T	Bus Bar Protection Operated
Nanded-Parbhani	IntraState	02/09/2017	15.05	02/09/2017	18.59	T	Bus Bar Protection Operated
Nanded-Waghale I	IntraState	02/09/2017	15.05	02/09/2017	15.30	T	Bus Bar Protection Operated
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/Tripping							
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 Bbl Ict 2 @Waghala Nanded	IntraState	02/09/2017	15.05	02/09/2017	17.01	T	Bus Bar Protection Operated
220/132kv 200MVA ICT-III @ Nanded	IntraState	02/09/2017	15.05	02/09/2017	15.39	T	Bus Bar Protection Operated

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