

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Sep/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	95.315	780.597	1) Gujrat	0.061	0.619
2) Hydro	9.905	69.902	2) Madhya Pradesh	17.058	104.383
3) Gas	2.913	23.646	3) Chattisgarh	5.550	40.200
Total MSPGCL	108.133	874.145	4) Maharashtra Net	125.796	903.811
B) 1) APML	49.603	407.684	5) Goa (Amona)	-0.440	-3.894
2) JSWEL	18.260	131.444	Total	148.025	1045.119
3) VIPL	14.868	113.603	a) Mumbai Schedule	23.675	191.745
4) RPL(AMT)	31.264	220.180	b) Mumbai Drawl	22.984	195.956
5) WPCL	2.753	21.121	c) MSEDCL Bilateral *	40.377	248.494
6) PGPL	0.000	0.000	Include PX	15.516	70.198
7) Other IPP	7.548	50.851	d) Mumbai Bilateral *	23.675	191.745
C) 1) TPCL Thermal	15.462	112.718	Include PX	2.084	22.230
2) TPCL Hydro	3.543	39.869	Include Standby	0.000	0.000
3) TPCL Gas	4.387	34.426	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.057	80.986	1) MSEDCL	392.306	2986.120
D) STATE			2) Mumbai Discoms	57.433	463.950
1) Thermal	246.130	1919.184	TOTAL STATE	449.739	3450.070
(A1+C1+C4+(B1-B6))					
2) Hydro	13.448	109.771			
(A2+C2)					
3) Gas	7.300	58.072			
(A3+B6+C3)					
4) Wind	28.778	280.100			
6) SOLAR	6.058	37.829			
TOTAL STATE	301.714	2404.956			

* 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	3977	3846	4008	3988
MSPGCL Hydro	538	567	1165	107
MSPGCL Gas	130	81	175	122
MSPGCL Total Generation	4645	4494	5348	4217
Central Sector Receipt	7085	7361	4960	5053
WIND	1264	1259	1484	967
CPP / IPP Thermal	5150	5115	5497	5170
CPP / IPP Gas	0	0	0	0
SOLAR	818	753	0	0
Exchange with Mumbai	-1340	-1313	-873	-720
MSEDCL DEMAND MET	17622	17670	16416	14688
Load Shedding	0	0	0	0
MSEDCL DEMAND	17622	17670	16416	14688
TPCL GENERATION	1026	1012	1342	681
R-INFRA GENERATION	503	501	498	374
MUMBAI DEMAND	2869	2826	2713	1775
STATE DEMAND MET	20491	20496	19129	16463
STATE DEMAND	20491	20496	19129	16463
Frequency (Hz)	49.96	49.95	49.95	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.02 Hrs	49.71 Hz at 18.50 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 08/Sep/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.04	0.08	17	0
Unit 7	0.00	0.00	0	0
Unit 8	7.87	55.93	382	270
Unit 9	0.00	38.80	0	0
Unit 10	7.48	25.50	348	259
Total	15.39	120.30		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.77	76.84	460	425
Total	10.77	76.84		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	2	0
Unit 7	5.43	44.58	248	187
Unit 8	5.85	42.54	250	238
Total	11.28	87.13		
Chandrapur				
Unit 3	3.13	29.41	180	60
Unit 4	3.03	29.95	175	110
Unit 5	0.00	55.84	0	0
Unit 6	9.88	69.85	430	390
Unit 7	0.00	0.00	0	0
Unit 8	8.94	17.48	427	326
Unit 9	8.10	68.90	352	316
Total	33.07	271.43		
Paras				
Unit 3	2.81	34.06	160	65
Unit 4	4.23	34.32	225	155
Total	7.05	68.38		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	2.74	24.61	140	100
Unit 3	3.73	29.86	160	150
Unit 4	0.00	0.00	0	0
Unit 5	6.94	69.26	300	268
Total	13.41	123.73		
Nasik				
Unit 3	4.36	32.78	194	160
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.36	32.78		
Uran				
All Units	2.91	23.65	184	81
Total	2.91	23.65		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.00	0.47	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.47		
Koyna				
Stage 1-2	3.96	17.56	435	40
Stage 4	1.03	13.28	438	0
Stage 3	1.66	8.91	160	0
Total	6.65	39.76		
Hydro				
KDPH	0.86	6.63	36	36
VTRNA	0.48	3.83	61	0
TILLARI	0.60	4.39	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	2.98	80	0
RNGR+BHTSA	0.18	2.57	15	0
BHANDARDRA	0.34	2.35	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	5.66	23	10
GHATGHAR	0.13	1.72	125	0
Total	3.26	30.14		
Wind				
Total	28.78	280.10	0	0
Total	28.78	280.10		
CPP				
APML(Mus)	49.60	407.68	0	0
JSWEL(Mus)	18.26	131.44	0	0
VIPL(Mus)	14.87	113.60	0	0
RPLAMT(Mus)	31.26	220.18	0	0
WPCL(Mus)	2.75	21.12	0	0
Other(Mus)	7.55	50.85	0	0
Total	124.30	944.88		
SOLAR				
Total	6.06	37.83	0	0
Total	6.06	37.83		
Tata				
Trombay 5	10.24	72.26	481	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	21.73	118	114
Trombay 7B	1.61	12.70	68	66
Trombay 8	5.22	40.46	241	197
TATA Hydro	3.54	39.87	459	0
Total	23.39	187.01		
R-INFRA				
DTPS U-1&2	11.06	80.99	503	373
Total	11.06	80.99		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	95.32	780.60	MSPGCL Total	108.13	874.14
			MSPGCL Thml+Gas	98.23	804.24	Koyna 1,2 & 4 Total	4.99	30.85
			MSPGCL Hydro	9.90	69.90	State Total	301.71	2404.96

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Sep/2018

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	4047	112	122	4281	1090	5160	0	0	5015	5206	-1047	14690	0	14690	2108	16798	49.93
2	4001	132	122	4255	1030	5153	0	0	4990	5121	-874	14685	0	14685	1945	16630	49.97
3	4010	107	121	4238	1094	5156	0	0	4983	5118	-780	14826	0	14826	1839	16665	49.98
4	3988	107	122	4217	967	5170	0	0	5105	5053	-720	14688	0	14688	1775	16463	50.01
5	3988	102	122	4212	1229	5135	0	0	5290	5499	-713	15362	0	15362	1767	17129	49.99
6	3994	117	121	4232	963	5141	0	0	5963	6136	-734	15738	0	15738	1848	17586	49.94
7	4061	612	122	4795	827	5115	0	30	7174	7019	-616	17170	0	17170	1972	19142	49.98
8	4023	322	122	4467	836	5152	0	207	7714	7601	-703	17560	0	17560	2109	19669	50.01
9	4013	288	121	4422	1013	5144	0	443	7417	7326	-960	17388	0	17388	2329	19717	49.99
10	4063	368	122	4553	1203	5095	0	671	6794	6825	-1222	17125	0	17125	2598	19723	49.94
11	4002	577	122	4701	1255	5158	0	753	6496	6513	-1328	17052	0	17052	2806	19858	49.99
12	3977	538	130	4645	1264	5150	0	818	7173	7085	-1340	17622	0	17622	2869	20491	49.96
13	3846	567	81	4494	1259	5115	0	753	7259	7361	-1313	17670	0	17670	2826	20496	49.95
14	3915	503	99	4517	1240	5110	0	720	6733	6813	-1173	17227	0	17227	2702	19929	49.96
15	3878	901	99	4878	1251	5093	0	657	6853	6912	-1178	17613	0	17613	2709	20322	49.96
16	3897	516	101	4514	1500	5130	0	529	7232	7242	-1171	17744	0	17744	2708	20452	49.95
17	3816	211	102	4129	1490	5142	0	351	7670	7377	-1163	17326	0	17326	2687	20013	50.01
18	3832	176	102	4110	1498	5166	0	121	7209	6960	-1060	16795	0	16795	2649	19444	50.00
19	3995	413	102	4510	1542	5286	0	5	6306	5644	-994	15993	0	15993	2649	18642	49.90
20	4008	1165	175	5348	1484	5497	0	0	5081	4960	-873	16416	0	16416	2713	19129	49.95
21	3997	809	184	4990	1472	5378	0	0	4763	4801	-786	15855	0	15855	2632	18487	49.99
22	4023	503	183	4709	1149	5336	0	0	4690	4939	-655	15478	0	15478	2511	17989	49.94
23	3979	389	111	4479	1125	5140	0	0	5056	5304	-767	15281	0	15281	2389	17670	49.93
24	3962	370	105	4437	997	5173	0	0	5166	5210	-814	15003	0	15003	2293	17296	49.95
MUs	95.31	9.91	2.91	108.13	28.78	124.30	0.00	6.06	148.13	148.03	-22.98	392.31	0.00	392.31	57.43	449.74	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 08/Sep/2018

Position as on 6.30 Hrs of 09/Sep/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 6	250	23/07/2018	00:00	09/09/2018	23.57	Capital Overhaul	
IPP	JSW (J) U2	300	28/07/2018	13.48		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	10/08/2018	01.02		Continued.	Capital Overhaul	
IPP	Adani U-3	660	03/09/2018	05.02		Continued.	Capital overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 4	210	07/08/2018	15.35		Continued.	Coal Swapping.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
MSPGCL	Chandrapur Unit 7	500	25/08/2018	20:10		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit A0	120	27/08/2018	02:06		Continued.	Generator protection	
MSPGCL	Uran Unit 6	108	27/08/2018	02:06		Continued.	Generator protection	
MSPGCL	Uran Unit 5	108	27/08/2018	03.31		Continued.	Due to A0 Trip.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 4	210	29/08/2018	17.44	09/09/2018	22.08	Boiler Tube Leakage	
CPP	SWPGL U-4	135	01/09/2018	00.00		Continued.	NO SCHEDULE.	
MSPGCL	Koradi Unit 6	210	01/09/2018	00.43	08/09/2018	17.44	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	04/09/2018	12.48		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	07/09/2018	11.24		Continued.	poor coal.	
MSPGCL	Koradi Unit 6	210	08/09/2018	18.51	08/09/2018	22.20	Flame Failure	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn	
MSPGCL	Koradi Unit 6	210	09/09/2018	05.52		Continued.	Coal problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 09/Sep/2018

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 II	InterState	06/09/2018	19.05		Continued.	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Padghe - Nagothane - II	IntraState	06/09/2018	19.38	08/09/2018	07.15	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	07/09/2018	17.43	08/09/2018	09.21	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	07/09/2018	23.07	08/09/2018	11.05	HT	Over Voltage
Kalwa - Kharghar	IntraState	08/09/2018	09.19	08/09/2018	19.19	PO	Annual Maintenance Work
Padghe - Nagothane - II	IntraState	08/09/2018	12.19	08/09/2018	19.18	T	Hand Tripped due to Y-ph LA blast at padghe End
Jaigad-Karad Ckt-I	IntraState	08/09/2018	18.29		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	08/09/2018	19.02		Continued.	HT	Over Voltage
Akola - Bhusawal	IntraState	09/09/2018	11.03	09/09/2018	19.51	T	Distance Protection
Koradi III(Adani)-Koradi II ckt 2	IntraState	09/09/2018	15.34		Continued.	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	09/09/2018	20.01		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT I @Karad	IntraState	30/08/2018	07.20		Continued.	PO	Dismantling Of B Phase Unit For Overhauling.
400/11.5 kV 90MVA STN T/F-IV @ Chandrapur	IntraState	08/09/2018	10.56	08/09/2018	15.55	PO	RM/Dignostic Testing
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.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading for availing outage on PG ckt 3.
Nerul-Trombay	IntraState	31/08/2018	22.04		Continued.	PO	CONDUCTOR REPLACEMENT.
Bableshwar -Ahamadnagar-I	IntraState	05/09/2018	10.00	08/09/2018	11.17	PO	Shifted on TBC
JATH SHEDYAL	IntraState	05/09/2018	20.34		Continued.	HT	Over Voltage
Walchandnagar-Bhigwan	IntraState	08/09/2018	06.24	08/09/2018	09.19	HT	Hand Tripped for Load Management on Jejuri load
Kandalgaon - Koyna	IntraState	08/09/2018	08.00	08/09/2018	12.30	PO	Line Maintenance work
Loteparshuram- Dasturi Line	IntraState	08/09/2018	08.45	08/09/2018	14.35	PO	Line Maintenance work
Chaliskaon -Babhaleshwar	IntraState	08/09/2018	08.55	08/09/2018	14.39	PO	Crimping work
Sahara-Urse	IntraState	08/09/2018	11.17	08/09/2018	18.48	HT	Load management for outage on urse-talegaon
Urse - Talegaon (Ambi) Ckt 1	IntraState	08/09/2018	13.03	08/09/2018	18.44	PO	Double jumpering work
Kharepatan -Pawas Line	IntraState	09/09/2018	10.22	09/09/2018	13.58	PO	EM-Attending Y ph CT Oil Leakage
karad - Dasgaon	IntraState	09/09/2018	11.16	09/09/2018	16.57	HT	H/T due to Sparking observed at wave Trap
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Emco lct 2 @Raymond (Nasik 2)	IntraState	18/08/2018	22.50		Continued.	HT	due to sparking on R-PH HV bushing.
220/132 kV 200 MVA ICT-III @ Nanded	IntraState	05/09/2018	09.25		Continued.	PO	Replacement of control cable from signal box to control box and fire

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 08/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 09/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
100MVA ICT -1@Magarpatta	IntraState	09/09/2018	11.55	09/09/2018	13.35	PO	detector recommission of fire fighting system.
							Attending Hot Spot