

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Sep/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.435	289.158	1) Gujrat	0.881	-0.564
2) Hydro	5.613	15.818	2) Madhya Pradesh	10.957	33.206
3) Gas	2.967	8.854	3) Chattisgarh	4.500	14.450
Total MSPGCL	106.015	313.830	4) Maharashtra Net	104.514	322.025
B) 1) APML	54.045	163.219	5) Goa (Amona)	-0.704	-1.518
2) JSWEL	15.745	50.204	Total	120.148	367.599
3) VIPL	13.789	39.436	a) Mumbai Schedule	21.454	68.615
4) RPL(AMT)	25.795	76.387	b) Mumbai Drawl	24.623	73.369
5) WPCL	2.660	7.312	c) MSEDCL Bilateral *	23.010	75.993
6) PGPL	0.000	0.000	Include PX	5.385	18.093
7) Other IPP	3.570	11.463	d) Mumbai Bilateral *	21.454	68.615
C) 1) TPCL Thermal	12.282	37.957	Include PX	2.369	6.608
2) TPCL Hydro	5.430	11.722	Include Standby	0.000	0.000
3) TPCL Gas	4.193	12.684	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.119	27.964	1) MSEDCL	359.227	1080.309
D) STATE			2) Mumbai Discoms	55.645	163.693
1) Thermal	234.440	703.100	TOTAL STATE	414.872	1244.002
(A1+C1+C4+(B1-B6))					
2) Hydro	11.043	27.540			
(A2+C2)					
3) Gas	7.160	21.538			
(A3+B6+C3)					
4) Wind	37.888	111.346			
6) SOLAR	4.195	12.882			
TOTAL STATE	294.726	876.406			

* 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 3 Hrs
MSPGCL Thermal	4195	4150	4255	3683
MSPGCL Hydro	265	260	388	131
MSPGCL Gas	121	130	131	122
MSPGCL Total Generation	4581	4540	4774	3936
Central Sector Receipt	5833	5913	4682	3662
WIND	1542	1596	1530	1774
CPP / IPP Thermal	5043	4754	5113	4586
CPP / IPP Gas	0	0	0	0
SOLAR	473	542	0	0
Exchange with Mumbai	-1344	-1292	-786	-761
MSEDCL DEMAND MET	16128	16053	15313	13197
Load Shedding	0	0	0	0
MSEDCL DEMAND	16128	16053	15313	13197
TPCL GENERATION	1118	1128	1267	651
R-INFRA GENERATION	372	372	461	376
MUMBAI DEMAND	2834	2792	2514	1788
STATE DEMAND MET	18962	18845	17827	14985
STATE DEMAND	18962	18845	17827	14985
Frequency (Hz)	49.99	50.01	49.95	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 10:00 Hrs	49.75 Hz at 18:42 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 03/Sep/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.04	0	0
Unit 7	0.00	0.00	0	0
Unit 8	6.88	12.81	381	193
Unit 9	10.60	34.56	580	386
Unit 10	0.00	0.00	0	0
Total	17.48	47.41		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.70	28.98	440	350
Total	9.70	28.98		
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	5.19	15.28	248	187
Unit 8	5.22	15.86	235	184
Total	10.41	31.13		
Chandrapur				
Unit 3	3.68	11.17	174	130
Unit 4	3.59	11.51	174	110
Unit 5	8.32	25.42	380	313
Unit 6	8.46	24.40	415	287
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	8.62	26.78	411	316
Total	32.68	99.30		
Paras				
Unit 3	3.93	12.45	202	139
Unit 4	3.83	11.74	174	135
Total	7.75	24.20		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.12	9.63	150	105
Unit 3	3.61	11.34	157	138
Unit 4	0.00	0.00	0	0
Unit 5	8.84	25.64	400	325
Total	15.57	46.61		
Nasik				
Unit 3	3.86	11.53	190	135
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	3.86	11.53		
Uran				
All Units	2.97	8.85	132	119
Total	2.97	8.85		
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)	0.06	0.20	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.20		
Koyna				
Stage 1-2	1.04	3.95	50	40
Stage 4	0.00	0.13	0	0
Stage 3	0.89	1.85	160	0
Total	1.93	5.93		
Hydro				
KDPH	0.82	2.33	34	34
VTRNA	0.54	1.43	60	0
TILLARI	0.72	1.86	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.35	1.05	80	0
RNGR+BHTSA	0.37	0.88	16	15
BHANDARDRA	0.34	0.63	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.54	1.53	31	20
GHATGHAR	0.00	0.17	0	0
Total	3.69	9.89		
Wind				
Total	37.89	111.35	0	0
Total	37.89	111.35		
CPP				
APML(Mus)	54.04	163.22	0	0
JSWEL(Mus)	15.74	50.20	0	0
VIPL(Mus)	13.79	39.44	0	0
RPLAMT(Mus)	25.80	76.39	0	0
WPCL(Mus)	2.66	7.31	0	0
Other(Mus)	3.57	11.46	0	0
Total	115.60	348.02		
SOLAR				
Total	4.20	12.88	0	0
Total	4.20	12.88		
Tata				
Trombay 5	7.41	23.31	402	290
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.63	7.98	119	64
Trombay 7B	1.56	4.71	68	51
Trombay 8	4.87	14.65	232	198
TATA Hydro	5.43	11.72	462	0
Total	21.90	62.36		
R-INFRA				
DTPS U-1&2	9.12	27.96	461	372
Total	9.12	27.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	97.44	289.16	MSPGCL Total	106.02	313.83
			MSPGCL Thml+Gas	100.40	298.01	Koyna 1,2 & 4 Total	1.04	4.08
			MSPGCL Hydro	5.61	15.82	State Total	294.73	876.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Sep/2018

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	3712	136	122	3970	1799	4781	0	0	4201	4024	-958	13616	0	13616	2029	15645	50.00
2	3671	126	121	3918	1899	4722	0	0	4059	3913	-843	13609	0	13609	1903	15512	49.97
3	3683	131	122	3936	1774	4586	0	0	3695	3662	-761	13197	0	13197	1788	14985	49.96
4	3730	131	132	3993	1699	4531	0	0	3545	3795	-727	13291	0	13291	1722	15013	49.99
5	3751	126	121	3998	1588	4498	0	0	4032	4264	-704	13644	0	13644	1714	15358	49.98
6	3852	224	122	4198	1420	4831	0	0	4736	4842	-672	14619	0	14619	1790	16409	50.00
7	3899	296	121	4316	1247	5109	0	30	5974	6175	-827	16050	0	16050	1897	17947	49.98
8	3967	300	122	4389	1131	5113	0	160	6331	6391	-938	16246	0	16246	2083	18329	49.99
9	4064	344	122	4530	1287	5130	0	374	6066	6100	-1096	16325	0	16325	2402	18727	50.00
10	4129	376	131	4636	1391	5071	0	521	5855	5797	-1277	16139	0	16139	2676	18815	50.02
11	4179	315	121	4615	1493	4824	0	499	5801	5969	-1354	16046	0	16046	2822	18868	49.96
12	4195	265	121	4581	1542	5043	0	473	6081	5833	-1344	16128	0	16128	2834	18962	49.99
13	4150	260	130	4540	1596	4754	0	542	5972	5913	-1292	16053	0	16053	2792	18845	50.01
14	4164	208	120	4492	1854	4691	0	481	5650	5487	-1238	15767	0	15767	2663	18430	50.01
15	4203	183	119	4505	1926	4700	0	378	5403	5377	-1242	15644	0	15644	2637	18281	49.98
16	4252	183	120	4555	2085	4705	0	369	5373	5156	-1210	15660	0	15660	2598	18258	49.97
17	4300	183	131	4614	1968	4629	0	256	5214	5091	-1190	15368	0	15368	2538	17906	49.96
18	4278	183	121	4582	1923	4685	0	101	4816	4626	-1166	14751	0	14751	2488	17239	49.98
19	4276	230	122	4628	1795	4686	0	11	4611	4354	-1148	14326	0	14326	2457	16783	49.94
20	4255	388	131	4774	1530	5113	0	0	4419	4682	-786	15313	0	15313	2514	17827	49.95
21	4288	326	121	4735	1237	5063	0	0	4492	4517	-820	14732	0	14732	2515	17247	49.97
22	4246	268	122	4636	1293	4929	0	0	4660	4702	-967	14593	0	14593	2375	16968	49.95
23	4107	263	121	4491	1237	4698	0	0	4795	4692	-1043	14075	0	14075	2257	16332	49.95
24	4084	168	131	4383	1174	4711	0	0	4760	4786	-1020	14034	0	14034	2153	16187	50.01
MUs	97.43	5.61	2.97	106.02	37.89	115.60	0.00	4.20	120.54	120.15	-24.62	359.23	0.00	359.23	55.65	414.87	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 03/Sep/2018

Position as on 6.30 Hrs of 04/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		Continued.	Capital Overhaul	
MSPGCL	Koradi Unit 10	660	28/07/2018	01.09	04/09/2018	20.15	Annual 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	
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.	Coal Swapping IEPL	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
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	Khaparkhedha Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
MSPGCL	Chandrapur Unit-8	500	23/08/2018	08.37		Continued.	poor coal receipt.	
IPP	Dhariwal	300	24/08/2018	14.01	03/09/2018	23.51	POOR COAL RECEIPT.	
MSPGCL	Chandrapur Unit 7	500	25/08/2018	20:10		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 6	108	27/08/2018	02:06		Continued.	Generator protection	
MSPGCL	Uran Unit A0	120	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.	Poor Coal Receipt	
MSPGCL	Khaparkhedha Unit 4	210	29/08/2018	17.44		Continued.	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		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	04/09/2018	10.50	04/09/2018	15.15	Emergency cooling water pump tripped.	
MSPGCL	Koradi Unit 9	660	04/09/2018	12.48		Continued.	Poor Coal Receipt	
MSPGCL	Koradi Unit 10	660	04/09/2018	20.58	04/09/2018	22.16	Reheater Problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 04/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 I	InterState	30/08/2018	11.09	04/09/2018	06.42	HT	ATTENDING VT FUSE FAIL INDICATION ETC.(RFC DT 31-08-2018 TIME 00.25, CODE 2641).
Kudus-Padgha (PG) Ckt II	InterState	04/09/2018	11.04	04/09/2018	12.38	PO	Taking oil sample of bay CT.
Dhule Sar'Sarovar II	InterState	04/09/2018	16.30		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshtar - II	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Karad - Jaigad - II	IntraState	29/08/2018	20.19	04/09/2018	07.35	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/09/2018	17.52	04/09/2018	06.46	HT	Over Voltage
N.Koyna-Karad - Ckt I	IntraState	02/09/2018	14:13		Continued.	PO	Insulator Replacement Work
Deepnagar - Aurangabad	IntraState	04/09/2018	09.25	04/09/2018	11.47	PO	Replacement of span joints.
Khadka-Aurangabad (Waluj)	IntraState	04/09/2018	18.20		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	04/09/2018	20.19		Continued.	T	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.
400/220 KV 315MVA ICT II @ Parli	IntraState	04/09/2018	09.12	04/09/2018	17.36	PO	Testing Work
400/220KV 500MVA ICT1@koradi 2	IntraState	04/09/2018	10.39	04/09/2018	18.08	PO	Diagnostic testing work.
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	04/09/2018	12.07	04/09/2018	17.23	PO	Annual Maintenance Work
400/220 kV 167 MVA Spare ICT @Deepnagar	IntraState	04/09/2018	16.07	04/09/2018	21.34	PO	Replacement of WTI meter.
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.
Borivali - Tarapur	InterState	04/09/2018	06.28	04/09/2018	09.00	EO	To attend Hot Spot
Nasik Navsari II	InterState	04/09/2018	11.27	04/09/2018	15.09	T	Distance Protection
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	For Bunching Of Conductor at Loc No.86 Disconnecting Of jumper at Loc No.86 to 107 And Deenergising The Line Between Loc No.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.
Kalwa 52B Interconnector CB	IntraState	19/08/2018	18.25		Continued.	HT	Taken In Service To Control Load Of Temghar Ckt At Kalwa 1 S/5 In Lieu Of 220kv Bus Outage At Padgha.
Nerul-Trombay	IntraState	31/08/2018	22.04		Continued.	PO	Conductor Replacement
Bombay Dyeing - Sahara	IntraState	02/09/2018	22:42	03/09/2018	14.52	T	Distance Protection
Pophali - Nerale	IntraState	03/09/2018	07.35	04/09/2018	08.55	T	Distance Protection
Oni Kharepatan Line	IntraState	03/09/2018	13.41	03/09/2018	14.10	T	PSB operated
Adlabs - Pedambe	IntraState	03/09/2018	13.41	03/09/2018	18.20	T	Tripped Along with Nerale line
Pophli Pedhmbe Line- 2	IntraState	03/09/2018	13.41	03/09/2018	17.57	T	Tripped Along with Nerale line

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 03/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 04/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pedambe-Nerle	IntraState	03/09/2018	13.41		Continued.	T	Distance Protection
Kharepatan-Pedambeline	IntraState	03/09/2018	13.41	03/09/2018	17.52	T	Tripped Along with Nerale line
Shivajinagar-Gangapur	IntraState	03/09/2018	14.42	03/09/2018	18.10	HT	B Phase conductor snapped at shivajinagar
JATH SHEDYAL	IntraState	03/09/2018	18.23	04/09/2018	04.47	HT	Over Voltage
Dahanu Ghodbunder Line 1	IntraState	04/09/2018	09.28	04/09/2018	19.10	PO	Maintenance of CB & isolator.
Nigade- Peth Line	IntraState	04/09/2018	10.01	04/09/2018	11.40	PO	Quarterly Maintainance Work
Miraj - Ichalkaranji II	IntraState	04/09/2018	12.01	04/09/2018	14.52	PO	Repairing of damaged conductor B PH.
Main Bus @Wadkhal	IntraState	04/09/2018	12.19	04/09/2018	20.02	PO	Bus stability testing.
Bus Section II @ Pophali	IntraState	04/09/2018	14.30	04/09/2018	17.00	PO	Damaged jumper replacement work.
Bus Coupler @ Butibori	IntraState	04/09/2018	15.05	04/09/2018	16.51	PO	Tan Delta Measurment of CTs
Main Bus @Wadkhal	IntraState	04/09/2018	20.32	04/09/2018	20.58	PO	Bus stability testing.
220 KV ICT Outages/Trippings							
220/33kv 50mva Imp Ptr 3 @Wathar	IntraState	03/09/2018	10.00	03/09/2018	16.20	PO	Quarterly Maintainance Work
132 KV LINE Outages/Trippings							
Kurunda - Vasmat	IntraState	16/08/2018	10.05		Continued.	T	to control o/v at parbhani.

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