

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Sep/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.652	96.652	1) Gujrat	-0.827	-0.827
2) Hydro	5.512	5.512	2) Madhya Pradesh	12.956	12.956
3) Gas	2.931	2.931	3) Chattisgarh	5.020	5.020
Total MSPGCL	105.095	105.095	4) Maharashtra Net	112.286	112.286
B) 1) APML	54.876	54.876	5) Goa (Amona)	-0.418	-0.418
2) JSWEL	17.485	17.485	Total	129.017	129.017
3) VIPL	12.841	12.841	a) Mumbai Schedule	24.373	24.373
4) RPL(AMT)	26.974	26.974	b) Mumbai Drawl	25.623	25.623
5) WPCL	2.362	2.362	c) MSEDCL Bilateral *	25.820	25.820
6) PGPL	0.000	0.000	Include PX	5.629	5.629
7) Other IPP	3.873	3.873	d) Mumbai Bilateral *	24.373	24.373
C) 1) TPCL Thermal	13.681	13.681	Include PX	2.721	2.721
2) TPCL Hydro	4.731	4.731	Include Standby	0.000	0.000
3) TPCL Gas	4.295	4.295	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.827	9.827	1) MSEDCL	363.749	363.749
D) STATE			2) Mumbai Discoms	58.157	58.157
1) Thermal	238.571	238.571	TOTAL STATE	421.906	421.906
(A1+C1+C4+(B1-B6))					
2) Hydro	10.243	10.243			
(A2+C2)					
3) Gas	7.226	7.226			
(A3+B6+C3)					
4) Wind	32.324	32.324			
6) SOLAR	4.525	4.525			
TOTAL STATE	292.889	292.889			

* 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	4163	4070	4086	3653
MSPGCL Hydro	513	319	759	90
MSPGCL Gas	120	120	121	121
MSPGCL Total Generation	4796	4509	4966	3864
Central Sector Receipt	5892	6022	4986	4413
WIND	1266	1231	1226	1421
CPP / IPP Thermal	5076	4980	5302	4679
CPP / IPP Gas	0	0	0	0
SOLAR	626	589	0	0
Exchange with Mumbai	-1299	-1342	-939	-779
MSEDCL DEMAND MET	16357	15989	15541	13598
Load Shedding	0	0	0	0
MSEDCL DEMAND	16357	15989	15541	13598
TPCL GENERATION	1225	1147	1287	681
R-INFRA GENERATION	483	464	488	377
MUMBAI DEMAND	3007	2953	2714	1837
STATE DEMAND MET	19364	18942	18255	15435
STATE DEMAND	19364	18942	18255	15435
Frequency (Hz)	49.98	50.00	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.02 Hrs	49.82 Hz at 14.43 Hrs	49.99	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 01/Sep/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.04	0.04	36	0
Unit 7	0.00	0.00	0	0
Unit 8	2.21	2.21	153	27
Unit 9	12.29	12.29	581	335
Unit 10	0.00	0.00	0	0
Total	14.54	14.54		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.66	10.66	500	355
Total	10.66	10.66		
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	5.39	5.39	248	191
Unit 8	5.44	5.44	246	190
Total	10.82	10.82		
Chandrapur				
Unit 3	3.66	3.66	169	130
Unit 4	3.98	3.98	176	152
Unit 5	8.59	8.59	375	333
Unit 6	7.46	7.46	359	290
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	9.22	9.22	429	325
Total	32.91	32.91		
Paras				
Unit 3	4.76	4.76	230	135
Unit 4	4.09	4.09	195	145
Total	8.84	8.84		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.17	3.17	150	105
Unit 3	3.94	3.94	175	140
Unit 4	0.00	0.00	0	0
Unit 5	7.91	7.91	400	250
Total	15.02	15.02		
Nasik				
Unit 3	3.85	3.85	173	154
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	3.85	3.85		
Uran				
All Units	2.93	2.93	131	119
Total	2.93	2.93		
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	0.06	34	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.06		
Koyna				
Stage 1-2	1.72	1.72	295	40
Stage 4	0.13	0.13	133	0
Stage 3	0.60	0.60	80	0
Total	2.45	2.45		
Hydro				
KDPH	0.65	0.65	36	18
VTRNA	0.58	0.58	60	0
TILLARI	0.54	0.54	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	0.36	80	0
RNGR+BHTSA	0.15	0.15	14	0
BHANDARDRA	0.13	0.13	14	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	0.48	30	17
GHATGHAR	0.17	0.17	125	0
Total	3.06	3.06		
Wind				
Total	32.32	32.32	0	0
Total	32.32	32.32		
CPP				
APML(Mus)	54.88	54.88	0	0
JSWEL(Mus)	17.48	17.48	0	0
VIPL(Mus)	12.84	12.84	0	0
RPLAMT(Mus)	26.97	26.97	0	0
WPCL(Mus)	2.36	2.36	0	0
Other(Mus)	3.87	3.87	0	0
Total	118.41	118.41		
SOLAR				
Total	4.52	4.52	0	0
Total	4.52	4.52		
Tata				
Trombay 5	8.69	8.69	473	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.71	2.71	117	94
Trombay 7B	1.58	1.58	68	60
Trombay 8	4.99	4.99	234	198
TATA Hydro	4.73	4.73	462	0
Total	22.71	22.71		
R-INFRA				
DTPS U-1&2	9.83	9.83	502	373
Total	9.83	9.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	96.65	96.65	MSPGCL Total	105.10	105.10
			MSPGCL Thml+Gas	99.58	99.58	Koyna 1,2 & 4 Total	1.86	1.86
			MSPGCL Hydro	5.51	5.51	State Total	292.89	292.89

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	3755	155	121	4031	1451	4620	0	0	5108	4660	-1070	13692	0	13692	2123	15815	50.20
2	3723	90	120	3933	1526	4736	0	0	4705	4397	-884	13708	0	13708	1946	15654	50.01
3	3653	90	121	3864	1421	4679	0	0	4544	4413	-779	13598	0	13598	1837	15435	49.97
4	3623	95	131	3849	1462	4653	0	0	4547	4563	-744	13783	0	13783	1774	15557	49.99
5	3829	90	120	4039	1271	4697	0	0	4576	4912	-719	14200	0	14200	1751	15951	49.95
6	4015	105	121	4241	1078	4955	0	0	5135	5418	-765	14927	0	14927	1855	16782	49.98
7	4056	95	121	4272	1075	5093	0	23	6341	6454	-601	16316	0	16316	1975	18291	50.00
8	4249	95	120	4464	1008	5073	0	150	6748	6810	-682	16823	0	16823	2129	18952	50.03
9	4219	138	121	4478	1082	5072	0	347	6357	6160	-1025	16114	0	16114	2373	18487	49.98
10	4154	186	120	4460	1169	5107	0	533	5882	5922	-1262	15929	0	15929	2679	18608	50.00
11	4092	302	131	4525	1239	5082	0	538	5506	5912	-1376	15920	0	15920	2914	18834	50.00
12	4163	513	120	4796	1266	5076	0	626	5789	5892	-1299	16357	0	16357	3007	19364	49.98
13	4070	319	120	4509	1231	4980	0	589	6202	6022	-1342	15989	0	15989	2953	18942	50.00
14	4081	317	120	4518	1532	4739	0	542	6131	5895	-1475	15751	0	15751	2806	18557	50.02
15	4018	307	130	4455	1854	4774	0	516	5918	5617	-1433	15783	0	15783	2758	18541	49.94
16	3948	307	119	4374	2041	4753	0	331	5798	5699	-1359	15839	0	15839	2772	18611	49.96
17	4097	366	120	4583	1710	4803	0	233	5358	5586	-1329	15586	0	15586	2742	18328	49.96
18	4068	238	131	4437	1302	5172	0	89	5647	5477	-1331	15146	0	15146	2688	17834	50.00
19	4168	228	120	4516	1217	5188	0	8	5525	5145	-1319	14755	0	14755	2661	17416	49.95
20	4086	759	121	4966	1226	5302	0	0	4920	4986	-939	15541	0	15541	2714	18255	50.00
21	4135	336	121	4592	1370	5266	0	0	4714	4815	-778	15265	0	15265	2630	17895	50.01
22	4131	157	121	4409	1233	4897	0	0	4951	4893	-961	14471	0	14471	2487	16958	50.00
23	4153	117	120	4390	1233	4849	0	0	4725	4828	-1071	14229	0	14229	2348	16577	49.94
24	4166	107	121	4394	1327	4844	0	0	4589	4551	-1080	14036	0	14036	2235	16271	49.99
MUs	96.65	5.51	2.93	105.09	32.32	118.41	0.00	4.53	129.72	129.03	-25.62	363.76	0.00	363.76	58.16	421.92	49.99

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 01/Sep/2018

Position as on 6.30 Hrs of 02/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		Continued.	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	
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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.	
IPP	VIPL U-2	300	27/07/2018	00.48	01/09/2018	00.18	Coal Shortage	
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-8	500	23/08/2018	08.37		Continued.	poor coal receipt.	
MSPGCL	Koradi Unit-8	660	23/08/2018	14.49	01/09/2018	00.04	Master Fuel Trip	
IPP	Dhariwal	300	24/08/2018	14.01		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.	Poor Coal Receipt	
MSPGCL	Khaparkheda Unit 4	210	29/08/2018	17.44		Continued.	Boiler Tube Leakage	
IPP	Adani U-1	660	31/08/2018	00.51	02/09/2018	20:25	HOT PA BELLOW 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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 02/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	01/09/2018	22.26	02/09/2018	00:22	EO	bus side isolator work.
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		Continued.	HT	ATTENDING VT FUSE FAIL INDICATION ETC.(RFC DT 31-08-2018 TIME 00.25, CODE 2641).
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshtar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Karad - Jaigad - II	IntraState	29/08/2018	20.19		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/08/2018	17.32	01/09/2018	08.21	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/09/2018	17.52		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	02/09/2018	14:13		Continued.	PO	Insulator Replacement Work
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 500MVA ICT-IV @ Babhareshwar	IntraState	01/09/2018	09.12	01/09/2018	21.16	PO	diagnostic testing work.
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	01/09/2018	02.39	02/09/2018	21:19	T	Distance Protection
Nasik Navsari I	InterState	01/09/2018	22.32	01/09/2018	22.49	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.
JATH SHEDYAL	IntraState	27/08/2018	21.13	01/09/2018	05.14	HT	Over Voltage
Oni Kharepatan Line	IntraState	31/08/2018	02.40	01/09/2018	18.13	T	Distance Protection
Nerul-Trombay	IntraState	31/08/2018	22.04		Continued.	PO	Conductor Replacement
Sonkhar - Trombay	IntraState	31/08/2018	22.35	01/09/2018	01.32	PO	CONDUCTOR REPLACEMENT.
Pophali - Pedambe II	IntraState	01/09/2018	08.05	01/09/2018	12.05	PO	Attending Hot Spot
Dahanu Ghodbunder Line 2	IntraState	01/09/2018	08.13	01/09/2018	18.03	PO	half yearly maintenance of CB & isolator.
Butibori-Inox	IntraState	01/09/2018	09.05	01/09/2018	15.55	PO	replacement of of check metering ct Y-PH.
Trombay Dharavi 6	IntraState	01/09/2018	09.45	01/09/2018	16.30	EO	Attending Hot Spot
Nashik-Padgha	IntraState	01/09/2018	10.42	01/09/2018	17.46	PO	damaged conductor repairing.
Boisar Versova Line	IntraState	02/09/2018	07:06	02/09/2018	16:57	PO	Insulator Replacement Work
Bombay Dyeing - Sahara	IntraState	02/09/2018	22:42		Continued.	T	Distance Protection

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 01/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 02/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	01/09/2018	00.27	01/09/2018	05.44	PO	CABLE REPLACEMENT.
132 KV LINE Outages/Trippings							
Kurunda - Vasmata	IntraState	16/08/2018	10.05		Continued.	T	to control o/v at parbhani.
Hinganghat-Jam ckt I	IntraState	01/09/2018	12.07	01/09/2018	12.39	T	Distance Protection
Kaulewada-Gondia-I	IntraState	01/09/2018	18.55	01/09/2018	19.13	T	Distance Protection