

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Sep/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	95.071	191.723	1) Gujrat	-0.618	-1.445
2) Hydro	4.693	10.205	2) Madhya Pradesh	9.293	22.249
3) Gas	2.956	5.887	3) Chattisgarh	4.930	9.950
Total MSPGCL	102.720	207.815	4) Maharashtra Net	105.225	217.511
B) 1) APML	54.298	109.174	5) Goa (Amona)	-0.396	-0.814
2) JSWEL	16.974	34.459	Total	118.434	247.451
3) VIPL	12.806	25.647	a) Mumbai Schedule	22.787	47.160
4) RPL(AMT)	23.618	50.592	b) Mumbai Drawl	23.123	48.746
5) WPCL	2.290	4.652	c) MSEDCL Bilateral *	27.163	52.983
6) PGPL	0.000	0.000	Include PX	7.079	12.708
7) Other IPP	4.020	7.893	d) Mumbai Bilateral *	22.787	47.160
C) 1) TPCL Thermal	11.994	25.675	Include PX	1.517	4.238
2) TPCL Hydro	1.561	6.292	Include Standby	0.000	0.000
3) TPCL Gas	4.196	8.491	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.018	18.845	1) MSEDCL	357.333	721.082
D) STATE			2) Mumbai Discoms	49.891	108.048
1) Thermal	230.089	468.660	TOTAL STATE	407.224	829.130
(A1+C1+C4+(B1-B6))					
2) Hydro	6.254	16.497			
(A2+C2)					
3) Gas	7.152	14.378			
(A3+B6+C3)					
4) Wind	41.134	73.458			
6) SOLAR	4.162	8.687			
TOTAL STATE	288.791	581.680			

* 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	4061	4030	3902	3866
MSPGCL Hydro	387	268	252	110
MSPGCL Gas	122	121	121	121
MSPGCL Total Generation	4570	4419	4275	4097
Central Sector Receipt	5727	5389	4491	4299
WIND	1808	1825	1932	1592
CPP / IPP Thermal	4865	4933	5120	4355
CPP / IPP Gas	0	0	0	0
SOLAR	523	528	0	0
Exchange with Mumbai	-1136	-1143	-1046	-753
MSEDCL DEMAND MET	16357	15951	14772	13590
Load Shedding	0	0	0	0
MSEDCL DEMAND	16357	15951	14772	13590
TPCL GENERATION	811	746	879	644
R-INFRA GENERATION	375	375	375	377
MUMBAI DEMAND	2322	2264	2300	1774
STATE DEMAND MET	18679	18215	17072	15364
STATE DEMAND	18679	18215	17072	15364
Frequency (Hz)	50.02	50.04	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.03 Hrs	49.85 Hz at 18.43 Hrs	50.01	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/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	3.72	5.93	199	133
Unit 9	11.67	23.96	558	416
Unit 10	0.00	0.00	0	0
Total	15.39	29.92		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.63	19.29	450	285
Total	8.63	19.29		
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	4.70	10.08	220	166
Unit 8	5.21	10.64	248	181
Total	9.90	20.73		
Chandrapur				
Unit 3	3.82	7.49	177	118
Unit 4	3.94	7.92	179	130
Unit 5	8.51	17.10	370	317
Unit 6	8.48	15.94	415	303
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	8.94	18.16	415	320
Total	33.71	66.62		
Paras				
Unit 3	3.77	8.52	183	140
Unit 4	3.83	7.92	172	145
Total	7.60	16.44		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.34	6.52	150	125
Unit 3	3.79	7.73	171	140
Unit 4	0.00	0.00	0	0
Unit 5	8.89	16.80	400	360
Total	16.02	31.04		
Nasik				
Unit 3	3.82	7.68	193	139
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	3.82	7.68		
Uran				
All Units	2.96	5.89	132	120
Total	2.96	5.89		
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)	0.08	0.15	42	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	0.15		
Koyna				
Stage 1-2	1.18	2.91	115	40
Stage 4	0.00	0.13	0	0
Stage 3	0.37	0.96	80	0
Total	1.55	4.00		
Hydro				
KDPH	0.86	1.51	36	32
VTRNA	0.31	0.89	61	0
TILLARI	0.60	1.14	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	0.70	80	0
RNGR+BHTSA	0.36	0.51	15	14
BHANDARDRA	0.16	0.29	15	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.51	0.99	31	18
GHATGHAR	0.00	0.17	0	0
Total	3.14	6.20		
Wind				
Total	41.13	73.46	0	0
Total	41.13	73.46		
CPP				
APML(Mus)	54.30	109.17	0	0
JSWEL(Mus)	16.97	34.46	0	0
VIPL(Mus)	12.81	25.65	0	0
RPLAMT(Mus)	23.62	50.59	0	0
WPCL(Mus)	2.29	4.65	0	0
Other(Mus)	4.02	7.89	0	0
Total	114.01	232.42		
SOLAR				
Total	4.16	8.69	0	0
Total	4.16	8.69		
Tata				
Trombay 5	7.20	15.90	316	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.63	5.34	117	79
Trombay 7B	1.56	3.15	67	57
Trombay 8	4.79	9.78	205	197
TATA Hydro	1.56	6.29	195	0
Total	17.75	40.46		
R-INFRA				
DTPS U-1&2	9.02	18.84	378	375
Total	9.02	18.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	95.07	191.72	MSPGCL Total	102.72	207.82
			MSPGCL Thml+Gas	98.03	197.61	Koyna 1,2 & 4 Total	1.18	3.04
			MSPGCL Hydro	4.69	10.20	State Total	288.79	581.68

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	4205	109	131	4445	1570	4805	0	0	4584	4402	-1004	14218	0	14218	2102	16320	49.99
2	3987	109	120	4216	1569	4708	0	0	4556	4305	-866	13932	0	13932	1941	15873	50.00
3	3926	110	122	4158	1557	4491	0	0	4561	4247	-796	13657	0	13657	1843	15500	50.02
4	3866	110	121	4097	1592	4355	0	0	4639	4299	-753	13590	0	13590	1774	15364	50.01
5	3859	110	122	4091	1441	4352	0	0	4661	4871	-732	14023	0	14023	1743	15766	49.98
6	4102	120	122	4344	1471	4593	0	0	4829	5062	-785	14685	0	14685	1802	16487	49.98
7	4164	120	122	4406	1266	4904	0	25	6039	5930	-803	15728	0	15728	1835	17563	50.01
8	4079	110	121	4310	1389	4931	0	173	6368	6167	-863	16107	0	16107	1906	18013	50.00
9	4145	202	132	4479	1363	4807	0	294	5870	5949	-920	15972	0	15972	2029	18001	50.04
10	4110	308	122	4540	1535	4835	0	482	5680	5760	-1075	16077	0	16077	2185	18262	50.04
11	4040	313	121	4474	1646	4824	0	510	5566	5464	-1176	15742	0	15742	2284	18026	50.02
12	4061	387	122	4570	1808	4865	0	523	5540	5727	-1136	16357	0	16357	2322	18679	50.02
13	4030	268	121	4419	1825	4933	0	528	5538	5389	-1143	15951	0	15951	2264	18215	50.04
14	4027	279	122	4428	1855	4746	0	501	5382	5133	-1058	15605	0	15605	2170	17775	50.07
15	3944	190	132	4266	1918	4843	0	401	5112	5209	-1007	15630	0	15630	2113	17743	50.02
16	3893	185	121	4199	2230	4768	0	359	5245	4768	-980	15344	0	15344	2102	17446	49.99
17	3885	190	121	4196	2250	4467	0	256	4906	4712	-988	14893	0	14893	2096	16989	49.98
18	3866	197	121	4184	2374	4387	0	100	4850	4760	-960	14845	0	14845	2079	16924	50.00
19	3905	260	122	4287	2103	4337	0	10	4404	4382	-941	14178	0	14178	2151	16329	49.95
20	3902	252	121	4275	1932	5120	0	0	4414	4491	-1046	14772	0	14772	2300	17072	50.02
21	3849	240	131	4220	1743	5146	0	0	4490	4217	-1049	14277	0	14277	2298	16575	50.02
22	3831	203	123	4157	1566	4974	0	0	4629	4594	-1012	14279	0	14279	2251	16530	50.01
23	3689	188	121	3998	1589	4948	0	0	4463	4517	-1003	14049	0	14049	2178	16227	50.03
24	3706	133	122	3961	1542	4863	0	0	4406	4079	-1027	13418	0	13418	2124	15542	50.01
MUs	95.07	4.69	2.96	102.72	41.13	114.01	0.00	4.16	120.73	118.43	-23.12	357.33	0.00	357.33	49.89	407.22	50.01

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/2018

Position as on 6.30 Hrs of 03/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	
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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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 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	Khaparkhedha 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 02/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 03/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 - 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)
Karad - Jaigad - II	IntraState	29/08/2018	20.19		Continued.	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.
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
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
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	03/09/2018	14.52	T	Distance Protection
Pophali - Nerale	IntraState	03/09/2018	07.35		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	03/09/2018	13.41		Continued.	T	Distance Protection
Oni Kharepatan Line	IntraState	03/09/2018	13.41	03/09/2018	14.10	T	PSB operated
Pophli Pedhmbe Line- 2	IntraState	03/09/2018	13.41	03/09/2018	17.57	T	Tripped Along with Nerale line
Adlabs - Pedambe	IntraState	03/09/2018	13.41	03/09/2018	18.20	T	Tripped Along with Nerale line
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		Continued.	HT	Over Voltage
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							

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 02/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 03/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kurunda - Vasmat	IntraState	16/08/2018	10.05		Continued.	T	to control o/v at parbhani.