

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Sep/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.970	685.282	1) Gujrat	-0.420	0.558
2) Hydro	10.084	59.997	2) Madhya Pradesh	12.807	87.325
3) Gas	2.957	20.733	3) Chattisgarh	4.740	34.650
Total MSPGCL	117.011	766.012	4) Maharashtra Net	118.384	778.015
B) 1) APML	48.856	358.081	5) Goa (Amona)	-0.506	-3.454
2) JSWEL	18.102	113.184	Total	135.005	897.094
3) VIPL	14.829	98.735	a) Mumbai Schedule	25.303	168.070
4) RPL(AMT)	30.085	188.916	b) Mumbai Drawl	25.770	172.972
5) WPCL	2.790	18.368	c) MSEDCL Bilateral *	37.906	208.118
6) PGPL	0.000	0.000	Include PX	12.147	54.682
7) Other IPP	7.964	43.303	d) Mumbai Bilateral *	25.303	168.070
C) 1) TPCL Thermal	14.660	97.256	Include PX	2.977	20.146
2) TPCL Hydro	5.980	36.326	Include Standby	0.000	0.000
3) TPCL Gas	4.378	30.039	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.026	69.929	1) MSEDCL	385.895	2593.814
D) STATE			2) Mumbai Discoms	60.814	406.517
1) Thermal	251.282	1673.054	TOTAL STATE	446.709	3000.331
(A1+C1+C4+(B1-B6))					
2) Hydro	16.064	96.323			
(A2+C2)					
3) Gas	7.335	50.772			
(A3+B6+C3)					
4) Wind	32.400	251.322			
6) SOLAR	4.623	31.771			
TOTAL STATE	311.704	2103.242			

* 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	4118	4064	4091	4602
MSPGCL Hydro	544	343	1152	197
MSPGCL Gas	131	122	122	122
MSPGCL Total Generation	4793	4529	5365	4921
Central Sector Receipt	6463	6340	4939	4871
WIND	1757	1853	1050	1105
CPP / IPP Thermal	5156	5135	5334	4738
CPP / IPP Gas	0	0	0	0
SOLAR	626	569	2	0
Exchange with Mumbai	-1512	-1463	-986	-725
MSEDCL DEMAND MET	17283	16963	15704	14910
Load Shedding	0	0	0	0
MSEDCL DEMAND	17283	16963	15704	14910
TPCL GENERATION	1256	1225	1341	695
R-INFRA GENERATION	375	376	495	374
MUMBAI DEMAND	3143	3064	2822	1794
STATE DEMAND MET	20426	20027	18526	16704
STATE DEMAND	20426	20027	18526	16704
Frequency (Hz)	50.00	50.00	49.92	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 11.02 Hrs	49.65 Hz at 18.52 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 07/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	8.33	48.06	405	270
Unit 9	0.00	38.80	0	0
Unit 10	7.93	18.02	362	300
Total	16.26	104.91		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.26	66.07	465	385
Total	10.26	66.07		
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	6.02	39.15	259	234
Unit 8	5.71	36.70	245	234
Total	11.73	75.85		
Chandrapur				
Unit 3	2.99	26.28	155	84
Unit 4	2.84	26.92	173	59
Unit 5	4.08	55.84	380	0
Unit 6	9.50	59.97	425	354
Unit 7	0.00	0.00	0	0
Unit 8	8.26	8.54	440	118
Unit 9	7.94	60.80	377	297
Total	35.61	238.36		
Paras				
Unit 3	4.18	31.25	184	143
Unit 4	5.83	30.09	250	220
Total	10.00	61.34		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	2.56	21.87	145	0
Unit 3	3.98	26.13	182	151
Unit 4	0.00	0.00	0	0
Unit 5	9.26	62.32	460	259
Total	15.80	110.32		
Nasik				
Unit 3	4.31	28.43	192	156
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.31	28.43		
Uran				
All Units	2.96	20.73	132	120
Total	2.96	20.73		
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)	0.04	0.47	34	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.47		
Koyna				
Stage 1-2	2.38	13.60	450	40
Stage 4	1.36	12.25	326	0
Stage 3	0.79	7.25	80	0
Total	4.54	33.11		
Hydro				
KDPH	0.86	5.76	36	36
VTRNA	0.49	3.35	60	0
TILLARI	0.67	3.79	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	2.64	80	0
RNGR+BHTSA	0.35	2.39	16	0
BHANDARDRA	0.34	2.01	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	2.21	5.34	102	89
GHATGHAR	0.23	1.60	125	0
Total	5.55	26.89		
Wind				
Total	32.40	251.32	0	0
Total	32.40	251.32		
CPP				
APML(Mus)	48.86	358.08	0	0
JSWEL(Mus)	18.10	113.18	0	0
VIPL(Mus)	14.83	98.74	0	0
RPLAMT(Mus)	30.08	188.92	0	0
WPCL(Mus)	2.79	18.37	0	0
Other(Mus)	7.96	43.30	0	0
Total	122.63	820.59		
SOLAR				
Total	4.62	31.77	0	0
Total	4.62	31.77		
Tata				
Trombay 5	9.49	62.02	478	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	18.95	117	113
Trombay 7B	1.60	11.09	68	66
Trombay 8	5.17	35.24	240	197
TATA Hydro	5.98	36.33	462	0
Total	25.02	163.62		
R-INFRA				
DTPS U-1&2	10.03	69.93	500	372
Total	10.03	69.93		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	103.97	685.28	MSPGCL Total	117.01	766.01
			MSPGCL Thml+Gas	106.93	706.02	Koyna 1,2 & 4 Total	3.75	25.86
			MSPGCL Hydro	10.08	60.00	State Total	311.70	2103.24

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	4259	197	122	4578	1533	5084	0	0	4872	4967	-1012	15150	0	15150	2135	17285	49.96
2	4451	202	121	4774	1528	4999	0	0	4854	4627	-864	15064	0	15064	1954	17018	49.98
3	4458	207	122	4787	1417	4749	0	0	4867	4680	-772	14861	0	14861	1850	16711	50.00
4	4602	197	122	4921	1105	4738	0	0	4699	4871	-725	14910	0	14910	1794	16704	50.01
5	4637	207	122	4966	910	4912	0	0	4759	5154	-712	15230	0	15230	1784	17014	49.98
6	4696	384	131	5211	953	5122	0	0	5437	5682	-647	16321	0	16321	1921	18242	49.94
7	4700	573	122	5395	948	5124	0	16	6701	6809	-644	17648	0	17648	2090	19738	49.89
8	4696	629	120	5445	775	5151	0	128	7209	7317	-850	17966	0	17966	2299	20265	49.98
9	4617	476	121	5214	985	5156	0	381	6965	6943	-960	17719	0	17719	2610	20329	49.98
10	4752	584	122	5458	1284	5155	0	510	6459	6241	-1273	17375	0	17375	2922	20297	49.97
11	4475	683	122	5280	1640	5157	0	544	6080	6118	-1484	17255	0	17255	3101	20356	50.02
12	4118	544	131	4793	1757	5156	0	626	6596	6463	-1512	17283	0	17283	3143	20426	50.00
13	4064	343	122	4529	1853	5135	0	569	6514	6340	-1463	16963	0	16963	3064	20027	50.00
14	4026	275	121	4422	1880	5117	0	564	5995	5921	-1346	16558	0	16558	2904	19462	50.00
15	4125	272	122	4519	1779	5030	0	569	6008	5948	-1457	16388	0	16388	2946	19334	49.99
16	4235	266	131	4632	1790	5025	0	431	6202	6266	-1461	16683	0	16683	2949	19632	49.99
17	4143	255	122	4520	1955	5163	0	196	6234	5870	-1381	16323	0	16323	2917	19240	49.94
18	4082	256	122	4460	1699	5154	0	82	5928	5609	-1399	15605	0	15605	2868	18473	49.98
19	4101	502	121	4724	1388	5258	0	5	5291	5082	-1273	15184	0	15184	2815	17999	49.84
20	4091	1152	122	5365	1050	5334	0	2	4939	4939	-986	15704	0	15704	2822	18526	49.92
21	4193	789	121	5103	969	5322	0	0	4667	4628	-838	15184	0	15184	2694	17878	49.95
22	4265	581	132	4978	1001	5263	0	0	4586	4620	-711	15151	0	15151	2543	17694	49.96
23	4125	319	122	4566	1109	5166	0	0	5012	4898	-917	14822	0	14822	2408	17230	49.98
24	4059	191	121	4371	1092	5156	0	0	4992	5012	-1083	14548	0	14548	2281	16829	49.98
MUs	103.97	10.08	2.96	117.01	32.40	122.63	0.00	4.62	135.87	135.00	-25.77	385.89	0.00	385.89	60.81	446.71	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 07/Sep/2018

Position as on 6.30 Hrs of 08/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	
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 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 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	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 6	108	27/08/2018	02:06	08/09/2018	11.42	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	Khaparkheda 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	08/09/2018	17.44	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	04/09/2018	12.48		Continued.	Poor Coal Receipt	
MSPGCL	Khaparkheda Unit 2	210	07/09/2018	10.40	07/09/2018	13.23	Loss of fuel	
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 due to B0 & U-7	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 08/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT II @ Ektuni	IntraState	07/09/2018	10.59	07/09/2018	18.26	PO	Routine Maintenance 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 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)
Karad-Jaigad - I	IntraState	06/09/2018	18.22	07/09/2018	11.05	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	06/09/2018	19.20	07/09/2018	06.23	HT	Over Voltage
Padghe - Nagothane - II	IntraState	06/09/2018	19.38	08/09/2018	07.15	T	Distance Protection
Deepnagar - Aurangabad	IntraState	07/09/2018	06.32	07/09/2018	17.35	PO	replacement of dead end & mid span joint.
Bus Coupler @ Lonikand	IntraState	07/09/2018	07.28	07/09/2018	12.08	EO	red hot on b ph stiff rod to isolator.
Koradi III(Adani)-Koradi II ckt 2	IntraState	07/09/2018	11.48	07/09/2018	19.01	PO	diagnostic testing.
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
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.
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	07/09/2018	09.31	07/09/2018	21.20	PO	oil top up work in conservator due to low oil level.
400/220 kV 500MVA ICT-I @ Alkud	IntraState	07/09/2018	10.35	07/09/2018	18.55	PO	Routine Maintenance Work
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.
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
Pedambe-Nerle	IntraState	03/09/2018	13.41	07/09/2018	16.12	T	Distance Protection
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

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 07/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 08/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Main bus section-II @ Pedambe	IntraState	07/09/2018	08.45	07/09/2018	14.57	PO	broken conductor maintenance work.
Lonand-Baramati	IntraState	07/09/2018	09.34	07/09/2018	17.30	EO	y ph ct replacement & diagnostic testing.
Padgha-Temghar-II	IntraState	07/09/2018	10.56	07/09/2018	12.17	T	Distance Protection
Padgha - Temghar I	IntraState	07/09/2018	10.56	07/09/2018	16.03	T	Distance Protection
Babhaleshwar - Degaon Rangari	IntraState	07/09/2018	11.50	07/09/2018	14.22	EO	Attending Hot Spot
Ghatghar - Bapgaon	IntraState	07/09/2018	12.38	07/09/2018	14.52	PO	black start mock drill purpose.
Chinchwad-Hinjewadi I	IntraState	07/09/2018	12.38	07/09/2018	17.25	HT	for load management for outage at bhosari-chakan ckt-1.
Chakan-Bhosari	IntraState	07/09/2018	12.53	07/09/2018	19.37	PO	fixing of vibration damper.
Jamde-Dondaicha 2	IntraState	07/09/2018	13.47	07/09/2018	19.40	PO	flash string replacement.
Bapgaon - Kalwa	IntraState	07/09/2018	13.53	07/09/2018	14.58	PO	black start mock drill purpose.
Pegasus - Infosys	IntraState	07/09/2018	17.20	07/09/2018	17.41	T	Distance Protection
Pigasus-Hinjewadi-II	IntraState	07/09/2018	17.20	07/09/2018	17.46	T	Distance Protection
Infosys - Hinjawadi 1	IntraState	07/09/2018	17.20	07/09/2018	17.25	T	Distance Protection
Pirangut - Hinjawadi 2	IntraState	07/09/2018	17.20	07/09/2018	17.58	T	Distance Protection
Walchandnagar-Bhigwan	IntraState	08/09/2018	06.24	08/09/2018	09.19	HT	Hand Tripped for Load Management on Jejuri loand
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
Chalisingaon -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
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Aval Ptr 2 @Kandalgaon	IntraState	06/09/2018	15.23	07/09/2018	14.25	T	hv side r phase la brust.
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