

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Sep/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.509	868.831	1) Gujrat	2.207	19.420
2) Hydro	20.263	145.726	2) Madhya Pradesh	14.739	145.287
3) Gas	6.624	42.043	3) Chattisgarh	5.500	46.140
Total MSPGCL	149.396	1056.600	4) Maharashtra Net	89.478	796.226
B) 1) APML	43.567	354.111	5) Goa (Amona)	0.000	-0.572
2) JSWEL	16.672	132.661	Total	111.924	1006.501
3) VIPL	7.482	59.845	a) Mumbai Schedule	24.232	165.935
4) RPL(AMT)	30.511	205.084	b) Mumbai Drawl	29.066	194.868
5) WPCL	2.495	20.614	c) MSEDCL Bilateral *	14.263	162.444
6) PGPL	0.000	0.000	Include PX	3.059	32.963
7) Other IPP	2.342	25.087	d) Mumbai Bilateral *	23.932	165.635
C) 1) TPCL Thermal	16.146	130.049	Include PX	6.405	39.433
2) TPCL Hydro	5.311	42.929	Include Standby	0.300	0.300
3) TPCL Gas	2.621	16.643	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.070	89.808	1) MSEDCL	340.567	2763.737
D) STATE			2) Mumbai Discoms	64.214	474.297
1) Thermal	252.794	1886.090	TOTAL STATE	404.781	3238.034
(A1+C1+C4+(B1-B6))					
2) Hydro	25.574	188.655			
(A2+C2)					
3) Gas	9.245	58.686			
(A3+B6+C3)					
4) Wind	3.510	81.758			
6) SOLAR	1.734	16.344			
TOTAL STATE	292.857	2231.533			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5752	5022	4794	5360
MSPGCL Hydro	238	1107	1871	42
MSPGCL Gas	291	244	279	286
MSPGCL Total Generation	6281	6373	6944	5688
Central Sector Receipt	5481	4963	5123	4104
WIND	238	47	135	182
CPP / IPP Thermal	3993	4288	4462	4102
CPP / IPP Gas	0	0	0	0
SOLAR	91	269	0	0
Exchange with Mumbai	-1440	-1531	-1169	-906
MSEDCL DEMAND MET	14644	14409	15495	13170
Load Shedding	0	0	0	0
MSEDCL DEMAND	14644	14409	15495	13170
TPCL GENERATION	813	1229	1288	611
R-INFRA GENERATION	410	498	499	377
MUMBAI DEMAND	2663	3258	2956	1894
STATE DEMAND MET	17307	17667	18451	15064
STATE DEMAND	17307	17667	18451	15064
Frequency (Hz)	49.97	49.95	49.91	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 06.03 Hrs	49.66 Hz at 19.09 Hrs	49.92	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/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.77	23.39	165	135
Unit 8	11.78	95.88	530	400
Unit 9	0.00	69.47	0	0
Unit 10	11.49	32.77	540	348
Total	27.04	221.50		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.36	51.64	455	300
Unit 5	8.40	73.17	485	300
Total	16.76	124.82		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.66	37.64	220	173
Unit 7	4.80	36.06	238	165
Unit 8	0.00	0.00	0	0
Total	9.45	73.70		
Chandrapur				
Unit 3	4.19	32.46	195	160
Unit 4	0.00	0.00	0	0
Unit 5	9.16	38.75	430	350
Unit 6	8.29	65.25	385	320
Unit 7	8.57	13.94	364	344
Unit 8	9.99	89.09	500	355
Unit 9	5.49	10.13	449	0
Total	45.68	249.63		
Paras				
Unit 3	4.43	34.32	225	160
Unit 4	4.36	34.22	220	156
Total	8.79	68.54		
Khaparkheda				
Unit 1	0.84	24.14	85	0
Unit 2	1.34	25.44	115	0
Unit 3	3.48	25.58	153	135
Unit 4	0.00	0.00	0	0
Unit 5	0.00	7.68	0	0
Total	5.66	82.83		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.57	35.16	202	167
Unit 5	4.56	12.66	202	165
Total	9.13	47.82		
Uran				
All Units	6.62	42.04	294	244
Total	6.62	42.04		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.10	0.62	50	0
Total	0.10	0.62		
Koyna				
Stage 1-2	6.48	39.12	540	40
Stage 4	9.83	68.91	1000	0
Stage 3	3.25	23.87	240	0
Total	19.56	131.90		
Hydro				
KDPH	0.00	2.44	0	0
VTRNA	0.00	3.80	0	0
TILLARI	0.00	0.41	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	2.65	80	0
RNGR+BHTSA	0.22	1.53	14	0
BHANDARDRA	0.00	1.30	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	1.70	2	1
GHATGHAR	0.00	0.00	0	0
Total	0.70	13.82		
Wind				
Total	3.51	81.76	0	0
Total	3.51	81.76		
CPP				
APML(Mus)	43.57	354.11	0	0
JSWEL(Mus)	16.67	132.66	0	0
VIPL(Mus)	7.48	59.84	0	0
RPLAMT(Mus)	30.51	205.08	0	0
WPCL(Mus)	2.50	20.61	0	0
Other(Mus)	2.34	25.09	0	0
Total	103.07	797.40		
SOLAR				
Total	1.73	16.34	0	0
Total	1.73	16.34		
Tata				
Trombay 5	10.66	85.41	489	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.48	9.13	77	51
Trombay 7B	1.14	7.51	53	41
Trombay 8	5.49	44.64	242	200
TATA Hydro	5.31	42.93	453	0
Total	24.08	189.62		
R-INFRA				
DTPS U-1&2	11.07	89.81	502	374
Total	11.07	89.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.51	868.83	MSPGCL Total	149.40	1056.60
			MSPGCL Thml+Gas	129.13	910.87	Koyna 1,2 & 4 Total	16.31	108.04
			MSPGCL Hydro	20.26	145.73	State Total	292.86	2231.53

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/Sep/2017

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	5483	258	276	6017	233	4412	0	0	4299	4053	-1021	13694	0	13694	2369	16063	49.92
2	5397	132	276	5805	230	4302	0	0	4298	4150	-877	13610	0	13610	2106	15716	49.96
3	5320	52	275	5647	220	4304	0	0	4220	4005	-920	13256	0	13256	1990	15246	49.96
4	5380	52	277	5709	182	4155	0	0	4179	4057	-926	13177	0	13177	1915	15092	49.99
5	5360	42	286	5688	182	4102	0	0	4423	4104	-906	13170	0	13170	1894	15064	49.92
6	5414	221	277	5912	185	4205	0	0	4443	4243	-854	13691	0	13691	1946	15637	49.85
7	5487	192	283	5962	195	4278	0	9	5160	4757	-853	14348	0	14348	2146	16494	49.91
8	5743	122	281	6146	187	4224	0	53	5371	5063	-963	14710	0	14710	2285	16995	49.93
9	5752	238	291	6281	238	3993	0	91	5538	5481	-1440	14644	0	14644	2663	17307	49.97
10	5369	249	279	5897	182	3861	0	134	5245	5472	-1614	13932	0	13932	2918	16850	49.90
11	5499	223	277	5999	125	4235	0	198	5141	5243	-1755	14045	0	14045	3163	17208	49.94
12	5325	366	266	5957	65	4262	0	293	5058	4843	-1668	13752	0	13752	3272	17024	49.88
13	5022	1107	244	6373	47	4288	0	269	4900	4963	-1531	14409	0	14409	3258	17667	49.95
14	4783	1266	253	6302	85	4327	0	190	4813	5050	-1435	14519	0	14519	3132	17651	49.90
15	4724	1463	245	6432	78	4361	0	186	4835	4794	-1454	14397	0	14397	3184	17581	49.80
16	4622	1466	268	6356	84	4346	0	156	4826	4913	-1442	14413	0	14413	3177	17590	49.93
17	4615	1526	276	6417	85	4335	0	114	4828	4896	-1378	14469	0	14469	3108	17577	49.84
18	4799	1426	278	6503	95	4337	0	40	4788	4823	-1349	14449	0	14449	3052	17501	49.85
19	4787	1607	288	6682	111	4425	0	1	4649	4817	-1285	14751	0	14751	3016	17767	49.85
20	4794	1871	279	6944	135	4462	0	0	4781	5123	-1169	15495	0	15495	2956	18451	49.91
21	4692	1783	281	6756	155	4473	0	0	4450	4562	-1052	14894	0	14894	2832	17726	49.96
22	4717	1567	291	6575	149	4476	0	0	4193	4484	-1051	14633	0	14633	2715	17348	49.96
23	4746	1511	283	6540	130	4469	0	0	4136	4037	-1064	14112	0	14112	2584	16696	49.96
24	4679	1523	294	6496	132	4437	0	0	4082	3991	-1059	13997	0	13997	2533	16530	49.94
MUs	122.51	20.26	6.62	149.40	3.51	103.07	0.00	1.73	112.66	111.92	-29.07	340.57	0.00	340.57	64.21	404.78	49.92

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/2017

Position as on 6.30 Hrs of 09/Sep/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule. Converted into COH from 00:00Hrs of 02.08.2017	
MSPGCL	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work. Converted to COH from 15.08.2017.	
MSPGCL	Chandrapur Unit 4	210	22/08/2017	23.56		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Shutdown	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL, scheduled issued on 08.08.2017 but synchronization delayed.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Sep/2017

Position as on 6.30 Hrs of 09/Sep/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Low furnace pressure	
MSPGCL	Khaparkheda Unit 5	500	01/09/2017	18.29		Continued.	Due to shaft vibration High.	
MSPGCL	Uran Unit B0	120	06/09/2017	11.29		Continued.	D.C. Supply Fail	
MSPGCL	Uran Unit 7	108	06/09/2017	11.29		Continued.	D.C. Supply Fail	
IPP	Adani U-4	660	06/09/2017	21.47		Continued.	Changeover from U-4 to U1	
MSPGCL	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Air heater problem	
MSPGCL	Khaparkheda Unit 2	210	08/09/2017	01.55	08/09/2017	10.08	Drum level high	
MSPGCL	Khaparkheda Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 9	500	08/09/2017	15.26	09/09/2017	01.40	Due To IP Turbine Control Valve Problem	
MSPGCL	Koyna STG-IV Unit-4	250	08/09/2017	21.05		Continued.	Due To Spherical Valve Control Fault	
IPP	JSW (J) U3	300	09/09/2017	00.43		Continued.	Cooling Water Leakage	
MSPGCL	Chandrapur Unit 6	500	09/09/2017	04.40		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 09/Sep/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Tirora - I	IntraState	08/09/2017	23.04	08/09/2017	23.38	T	Distance Protection
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
Akola Wardha I	InterState	07/09/2017	22.06	08/09/2017	15.20	T	Distance Protection
Akola Aurangabad(PG) II	InterState	08/09/2017	11.59	08/09/2017	15.40	PO	Quarterly Maintenance Work And jumper Tightening Work,Diagnostic Testing Work
Dhule Sar'Sarovar I	InterState	08/09/2017	18.14	08/09/2017	11.13	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	08/09/2017	19.46		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	26/08/2017	20.35		Continued.	HT	To control load on PDG-BBLR.
karad -kolhapur-II	IntraState	07/09/2017	13.26	08/09/2017	09.59	T	Loc No-15 Y ph Decapping
Karad-Jaigad - I	IntraState	08/09/2017	00.47		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	08/09/2017	03.16	08/09/2017	18.45	T	over voltage,Distance protection
Deepnagar Taptitanda	IntraState	08/09/2017	08.18	08/09/2017	11.48	PO	Line Signature Test
Koradi-Bhusawal	IntraState	08/09/2017	11.51		Continued.	PO	Relay Retrofitting Work,Testing Work
Deepnagar - Aurangabad	IntraState	08/09/2017	13.30	08/09/2017	15.32	PO	Line Signature Analysis
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39		Continued.	PO	Attend defects observed in OLTC of ICT 1.
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	08/09/2017	10.07	08/09/2017	20.33	PO	Routine Maintenance Work
400/220/33 Kv 315 MVA ICT-II @Waluj	IntraState	08/09/2017	10.21	08/09/2017	19.22	PO	RMW And 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.
Badnera - Deoli (PG)	InterState	08/09/2017	19.18	08/09/2017	22.48	HT	Due To High O/D At low Frequency
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Koradi II - Kawlewada	IntraState	07/09/2017	19.27	08/09/2017	05.47	T	BPH Wt Burnt
Yeotmal- Pusad	IntraState	07/09/2017	20.58	08/09/2017	11.27	T	Distance Protection
Kalwa 52B Interconnector CB	IntraState	08/09/2017	07.25	08/09/2017	12.16	PO	Attending Hot Spot
Aurangabad - Chitegaon	IntraState	08/09/2017	09.15	08/09/2017	20.59	PO	Routine Maintenance Work
Kalwa - Siemens	IntraState	08/09/2017	10.05	08/09/2017	17.10	PO	Safety Clearance
Paras-Balapur Iv	IntraState	08/09/2017	10.55	08/09/2017	18.10	PO	Diagnostic Testing Work
Kathapur-Ranjangaon	IntraState	08/09/2017	11.05	08/09/2017	15.05	PO	Insulator Replacement Work
Abhijeet-Wardha-I	IntraState	08/09/2017	12.06	08/09/2017	13.50	PO	Relay Testing Work
Deepnagar Amalner	IntraState	08/09/2017	12.20	08/09/2017	13.30	PO	Replacement B-ph CT With New CT
Dhule-Amalner(220kv)	IntraState	08/09/2017	14.00	08/09/2017	17.46	PO	Replacement R-PH CT With New CT
Pedambe-Pophali	IntraState	08/09/2017	14.14	08/09/2017	15.40	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for

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/2017

Statement-VII

Position as on 6.30 Hrs of 09/Sep/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)
220/132 Kv 150 Mva Emco Ict 1 @Ambazari	IntraState	06/09/2017	08.41		Continued.	PO	Augmentation of 200 MVA 220/132KV ICT
220/33kv 125 Mva Transformer 2 @Saki R/S	IntraState	07/09/2017	11.10	08/09/2017	16.33	PO	For Connecting 33KV Cable
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	08/09/2017	10.15	08/09/2017	17.35	PO	Routine Maintenance Work
220/132 Kv 200 Mva Bbl Ict 3 @Padegaon	IntraState	08/09/2017	10.17	08/09/2017	17.26	PO	Diagnostic Testing Work, IV Side Bus Isolator Maintenance
220/132kv 100 Mva Imp Ict 1 @Limbala Midc Hingoli	IntraState	08/09/2017	11.50	08/09/2017	13.55	PO	Tan Delta Measurment of CTs
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	08/09/2017	12.00	08/09/2017	17.45	PO	Tan Delta Measurment of CTs
132 KV LINE Outages/Trippings							
Paithan-Rajpimpri	IntraState	08/09/2017	06.10	08/09/2017	06.30	T	Distance Protection
Harangul - Nilanga	IntraState	09/09/2017	03.18	09/09/2017	03.28	T	Distance Protection

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