

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Sep/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.920	1285.087	1) Gujrat	2.241	26.948
2) Hydro	33.685	258.295	2) Madhya Pradesh	14.821	197.175
3) Gas	10.024	78.954	3) Chattisgarh	6.230	70.160
Total MSPGCL	138.629	1622.336	4) Maharashtra Net	89.551	1169.861
B) 1) APML	45.509	533.496	5) Goa (Amona)	-0.022	-0.748
2) JSWEL	21.522	196.231	Total	112.821	1463.396
3) VIPL	7.478	89.776	a) Mumbai Schedule	23.599	250.992
4) RPL(AMT)	31.645	331.576	b) Mumbai Drawl	32.271	302.952
5) WPCL	2.922	30.930	c) MSEDCL Bilateral *	11.219	207.126
6) PGPL	0.000	0.000	Include PX	0.000	33.982
7) Other IPP	2.668	34.939	d) Mumbai Bilateral *	23.599	249.942
C) 1) TPCL Thermal	17.423	199.486	Include PX	4.238	62.305
2) TPCL Hydro	4.866	60.668	Include Standby	0.000	1.050
3) TPCL Gas	2.656	26.894	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.991	137.538	1) MSEDCL	338.310	4124.113
D) STATE			2) Mumbai Discoms	69.207	727.538
1) Thermal	236.078	2839.059	TOTAL STATE	407.517	4851.651
(A1+C1+C4+(B1-B6))					
2) Hydro	38.551	318.963			
(A2+C2)					
3) Gas	12.680	105.848			
(A3+B6+C3)					
4) Wind	5.405	100.181			
6) SOLAR	1.982	24.204			
TOTAL STATE	294.696	3388.255			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3713	4234	4295	3723
MSPGCL Hydro	1890	1729	1598	699
MSPGCL Gas	424	409	414	422
MSPGCL Total Generation	6027	6372	6307	4844
Central Sector Receipt	4950	5069	5066	3965
WIND	76	162	213	322
CPP / IPP Thermal	4683	4662	4672	4591
CPP / IPP Gas	0	0	0	0
SOLAR	238	157	0	0
Exchange with Mumbai	-1704	-1778	-1417	-758
MSEDCL DEMAND MET	14270	14644	14841	12964
Load Shedding	628	629	632	0
MSEDCL DEMAND	14898	15273	15473	12964
TPCL GENERATION	1226	1206	1268	816
R-INFRA GENERATION	499	497	497	502
MUMBAI DEMAND	3429	3481	3182	2076
STATE DEMAND MET	17699	18125	18023	15040
STATE DEMAND	18327	18754	18655	15040
Frequency (Hz)	49.96	49.96	49.93	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 04.02 Hrs	49.8 Hz at 18.28 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 12/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	0.00	34.12	5	0
Unit 8	8.68	130.64	405	300
Unit 9	0.00	69.47	0	0
Unit 10	8.49	67.46	410	305
Total	17.17	301.70		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.41	81.69	350	295
Unit 5	7.50	103.27	350	300
Total	14.91	184.96		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.40	53.95	199	0
Unit 7	4.26	53.05	192	169
Unit 8	0.00	0.00	0	0
Total	7.66	107.00		
Chandrapur				
Unit 3	0.00	44.56	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.36	73.18	385	315
Unit 6	0.00	66.75	0	0
Unit 7	8.15	47.66	398	300
Unit 8	9.91	127.78	500	330
Unit 9	9.34	46.23	483	300
Total	35.76	406.17		
Paras				
Unit 3	3.95	50.78	174	158
Unit 4	3.89	50.21	174	139
Total	7.84	100.99		
Khaparkheda				
Unit 1	0.00	24.14	0	0
Unit 2	3.64	36.66	160	140
Unit 3	0.00	36.38	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	7.68	0	0
Total	3.64	104.85		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.96	50.96	173	155
Unit 5	3.98	28.45	171	160
Total	7.94	79.42		
Uran				
All Units	10.02	78.95	433	400
Total	10.02	78.95		
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)	0.00	0.65	0	0
Total	0.00	0.65		
Koyna				
Stage 1-2	7.16	67.06	550	50
Stage 4	20.06	130.37	1010	69
Stage 3	5.71	43.31	240	212
Total	32.93	240.74		
Hydro				
KDPH	0.00	2.44	0	0
VTRNA	0.00	5.06	0	0
TILLARI	0.00	0.41	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	4.04	80	0
RNGR+BHTSA	0.18	1.94	15	0
BHANDARDRA	0.00	1.30	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	2.37	9	8
GHATGHAR	0.00	0.00	0	0
Total	0.75	17.56		
Wind				
Total	5.40	100.18	0	0
Total	5.40	100.18		
CPP				
APML(Mus)	45.51	533.50	0	0
JSWEL(Mus)	21.52	196.23	0	0
VIPL(Mus)	7.48	89.78	0	0
RPLAMT(Mus)	31.64	331.58	0	0
WPCL(Mus)	2.92	30.93	0	0
Other(Mus)	2.67	34.94	0	0
Total	111.74	1216.95		
SOLAR				
Total	1.98	24.20	0	0
Total	1.98	24.20		
Tata				
Trombay 5	11.57	131.47	489	465
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.48	14.85	64	57
Trombay 7B	1.17	12.05	51	46
Trombay 8	5.85	68.01	249	238
TATA Hydro	4.87	60.67	444	0
Total	24.94	287.05		
R-INFRA				
DTPS U-1&2	11.99	137.54	502	496
Total	11.99	137.54		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	94.92	1285.09	MSPGCL Total	138.63	1622.34
			MSPGCL Thml+Gas	104.94	1364.04	Koyna 1,2 & 4 Total	27.22	197.43
			MSPGCL Hydro	33.68	258.30	State Total	294.70	3388.26

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	3728	1768	420	5916	199	4611	0	0	4189	4074	-1244	13556	0	13556	2557	16113	49.98
2	3718	1237	420	5375	237	4647	0	0	4003	3916	-992	13183	0	13183	2322	15505	49.97
3	3728	1109	430	5267	291	4618	0	0	3916	3842	-834	13184	0	13184	2165	15349	49.99
4	3723	699	422	4844	322	4591	0	0	3956	3965	-758	12964	0	12964	2076	15040	49.99
5	3769	393	422	4584	311	4577	0	0	4248	4337	-702	13107	0	13107	2034	15141	49.96
6	3793	1005	422	5220	323	4600	0	0	4236	4611	-784	13970	4	13974	2121	16095	49.97
7	3772	1481	431	5684	342	4656	0	4	4374	4399	-883	14202	655	14857	2221	17078	50.02
8	3744	950	424	5118	368	4678	0	47	4453	4815	-1083	13943	749	14692	2420	17112	50.04
9	3566	1076	423	5065	231	4669	0	161	4681	4766	-1176	13716	668	14384	2616	17000	49.98
10	3647	1506	433	5586	113	4685	0	220	4916	5038	-1487	14155	421	14576	3095	17671	49.96
11	3686	1512	421	5619	81	4683	0	248	5041	5382	-1762	14251	569	14820	3372	18192	50.00
12	3713	1890	424	6027	76	4683	0	238	5011	4950	-1704	14270	628	14898	3429	18327	49.96
13	3729	1599	402	5730	59	4669	0	278	5048	5261	-1719	14278	734	15012	3410	18422	49.99
14	4002	1554	409	5965	80	4675	0	273	4952	5087	-1782	14298	704	15002	3339	18341	50.02
15	4188	1699	406	6293	96	4661	0	235	4899	5252	-1786	14751	563	15314	3440	18754	49.94
16	4234	1729	409	6372	162	4662	0	157	4860	5069	-1778	14644	629	15273	3481	18754	49.96
17	4242	1738	400	6380	67	4676	0	98	4859	4993	-1753	14461	780	15241	3448	18689	49.97
18	4261	1498	411	6170	91	4659	0	23	4800	4606	-1727	13822	899	14721	3288	18009	49.96
19	4306	1481	411	6198	147	4657	0	0	4943	4926	-1494	14434	617	15051	3177	18228	49.98
20	4295	1598	414	6307	213	4672	0	0	5032	5066	-1417	14841	632	15473	3182	18655	49.93
21	4268	1551	406	6225	322	4672	0	0	4702	4892	-1282	14829	427	15256	3066	18322	49.94
22	4185	1689	427	6301	408	4683	0	0	4634	4617	-1306	14703	222	14925	2992	17917	49.99
23	4308	1514	418	6240	409	4684	0	0	4329	4576	-1395	14514	134	14648	2997	17645	49.97
24	4315	1409	419	6143	457	4672	0	0	4250	4381	-1423	14230	128	14358	2959	17317	49.96
MUs	94.92	33.69	10.02	138.63	5.40	111.74	0.00	1.98	110.33	112.82	-32.27	338.31	10.16	348.47	69.21	417.68	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 12/Sep/2017

Position as on 6.30 Hrs of 13/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	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.	
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Sep/2017

Position as on 6.30 Hrs of 13/Sep/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
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 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
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	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12		Continued.	Coal Shortage	
MSPGCL	Parli Unit 6	250	12/09/2017	08.20	12/09/2017	13.25	ID fan and FD fan tripped.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 13/Sep/2017

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 II	InterState	10/09/2017	20.53		Continued.	T	Distance Protection
Dhule Khandwa I	InterState	11/09/2017	06.11	12/09/2017	06.24	T	Distance Protection
Padgha Tarapur II	InterState	12/09/2017	09.02		Continued.	PO	Routine Maintenance Work
Dhule Khandwa I	InterState	12/09/2017	10.20	12/09/2017	20.29	PO	Insulator Replacement Work
Padgha Tarapur I	InterState	13/09/2017	05.35		Continued.	T	Over Voltage
Karad-Jaigad - I	IntraState	08/09/2017	00.47		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	09/09/2017	17.21		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/09/2017	20.58		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	11/09/2017	22.41		Continued.	HT	To control L/L on padgha-BBLSR
New Koyna - Koyna Stage IV-II	IntraState	12/09/2017	05.34	12/09/2017	09.13	T	Over Voltage
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.
400/220KV 315MVA ICT-II @Akola	IntraState	12/09/2017	08.36	12/09/2017	18.43	PO	Routine Maintenance Work
400/220 KV 315MVA ICT II @ Parli	IntraState	12/09/2017	09.10	12/09/2017	22.49	PO	D C Leakage Attending Work.
400/220 KV 315 MVA ICT- I @Koradi	IntraState	12/09/2017	11.35		Continued.	HT	Due to sparking on 20 kv cable and continuous NDR Alarm.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	12/09/2017	18.27	12/09/2017	18.38	PO	Safety permit to transport reactor.
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.
Mahalakshmi Amona	InterState	12/09/2017	03.04	12/09/2017	08.12	T	Over Voltage
Tillari Amona	InterState	12/09/2017	03.34	12/09/2017	08.21	T	Over Voltage
Nasik Navsari II	InterState	12/09/2017	16.45	12/09/2017	21.55	PO	For work permit to loc. no. 16 Y Phase Decapped.
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.
Pusad - Hingoli	IntraState	11/09/2017	20.06		Continued.	HT	Distance Relay Faulty at pusad end
Pusad-Ghatodi	IntraState	11/09/2017	20.53		Continued.	HT	Distance Relay Faulty at pusad end
Mudshingi-Belewadi	IntraState	12/09/2017	10.22	12/09/2017	14.13	PO	Maint. work and diagnostic testing.
Adlabs - Pedambe	IntraState	12/09/2017	12.35	12/09/2017	19.15	PO	Line Maintenance work
Sonkhar - Trombay	IntraState	12/09/2017	13.32	12/09/2017	16.02	PO	Diagnostic testing work.
Kandalgaon - Sona Alloys	IntraState	12/09/2017	13.35	12/09/2017	19.55	T	Distance Protection
Shivajinagar-Gangapur	IntraState	12/09/2017	14.29		Continued.	T	Distance Protection
Kharghar Trombay	IntraState	12/09/2017	14.47	12/09/2017	17.22	T	Distance Protection
Uran - Kharghar I	IntraState	13/09/2017	02.44	13/09/2017	04.37	T	Tripped from only uran end.
Trombay - Mulund	IntraState	13/09/2017	03.03		Continued.	T	Distance Protection
Trombay MSETCL Tie 1	IntraState	13/09/2017	03.03		Continued.	T	Distance Protection
Trombay - Kalwa	IntraState	13/09/2017	03.03	13/09/2017	03.36	T	Distance Protection
220 KV ICT 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 12/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 13/Sep/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 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
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	12/09/2017	19.59	12/09/2017	20.09	T	tripped from L V side.
220/100 Kv 100 MVA ICT II @Vasai- li	IntraState	12/09/2017	20.00	12/09/2017	20.05	T	over load.
132 KV LINE Outages/Trippings							
Raimoha - Pathardi	IntraState	12/09/2017	03.45	12/09/2017	04.24	T	Distance Protection
Harangul-Latur(Koyana) Ckt-I	IntraState	12/09/2017	10.55	12/09/2017	18.02	T	Distance Protection
100 KV LINE Outages/Trippings							
Kalwa - Vashi 1	IntraState	12/09/2017	14.38	12/09/2017	16.19	T	Distance Protection
Kandalgaon- Roha I	IntraState	12/09/2017	15.30	12/09/2017	15.45	T	Distance Protection