

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Sep/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	106.361	2614.124	1) Gujrat	1.368	21.824
2) Hydro	9.625	360.372	2) Madhya Pradesh	17.167	344.142
3) Gas	6.392	185.637	3) Chattisgarh	6.580	151.790
Total MSPGCL	122.378	3160.133	4) Maharashtra Net	97.206	2345.432
B) 1) APML	62.267	1176.786	5) Goa (Amona)	0.000	-2.860
2) JSWEL	26.586	506.147	Total	122.321	2860.328
3) VIPL	7.499	176.032	a) Mumbai Schedule	28.165	551.512
4) RPL(AMT)	13.019	564.526	b) Mumbai Drawl	30.233	680.709
5) WPCL	3.010	58.021	c) MSEDCL Bilateral *	23.190	443.459
6) PGPL	0.000	0.000	Include PX	3.880	38.995
7) Other IPP	2.319	67.831	d) Mumbai Bilateral *	28.165	548.041
C) 1) TPCL Thermal	16.314	395.315	Include PX	6.634	102.674
2) TPCL Hydro	5.882	103.451	Include Standby	0.000	3.470
3) TPCL Gas	2.789	64.166	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.739	251.656	1) MSEDCL	338.339	8238.057
D) STATE			2) Mumbai Discoms	60.957	1495.303
1) Thermal	243.114	5810.438	TOTAL STATE	399.296	9733.360
(A1+C1+C4+(B1-B6))					
2) Hydro	15.507	463.823			
(A2+C2)					
3) Gas	9.181	249.803			
(A3+B6+C3)					
4) Wind	6.536	300.057			
6) SOLAR	2.637	48.905			
TOTAL STATE	276.975	6873.026			

* 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	4413	4278	4825	4499
MSPGCL Hydro	213	597	1381	109
MSPGCL Gas	252	254	261	278
MSPGCL Total Generation	4878	5129	6467	4886
Central Sector Receipt	6110	5858	5369	3468
WIND	105	241	329	412
CPP / IPP Thermal	4804	4776	4873	4721
CPP / IPP Gas	0	0	0	0
SOLAR	382	222	0	0
Exchange with Mumbai	-1602	-1508	-1363	-952
MSEDCL DEMAND MET	14677	14718	15675	12535
Load Shedding	0	0	0	0
MSEDCL DEMAND	14677	14718	15675	12535
TPCL GENERATION	1262	1265	1287	601
R-INFRA GENERATION	248	250	250	194
MUMBAI DEMAND	3112	3023	2900	1747
STATE DEMAND MET	17789	17741	18575	14282
STATE DEMAND	17789	17741	18575	14282
Frequency (Hz)	49.92	49.96	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.02 Hrs	49.79 Hz at 12.08 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 25/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	0	0
Unit 8	9.88	271.13	461	360
Unit 9	0.00	69.47	0	0
Unit 10	7.73	202.08	470	0
Total	17.61	576.80		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.70	179.41	400	300
Unit 5	7.85	202.38	380	300
Total	15.54	381.79		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.42	111.17	188	174
Unit 7	4.27	109.01	184	172
Unit 8	0.00	0.00	0	0
Total	8.69	220.18		
Chandrapur				
Unit 3	0.00	44.56	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.09	184.74	415	341
Unit 6	0.00	66.75	0	0
Unit 7	9.03	159.02	410	323
Unit 8	10.23	258.08	490	350
Unit 9	10.15	174.95	478	361
Total	38.50	888.09		
Paras				
Unit 3	3.80	101.03	165	144
Unit 4	3.67	99.45	160	145
Total	7.47	200.48		
Khaparkheda				
Unit 1	0.00	24.14	0	0
Unit 2	0.94	79.84	150	0
Unit 3	0.00	36.38	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.84	25.64	500	360
Total	10.77	166.00		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.89	101.60	174	148
Unit 5	3.88	79.18	171	147
Total	7.77	180.78		
Uran				
All Units	6.39	185.64	278	252
Total	6.39	185.64		
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	0.98	0	0
Total	0.00	0.98		
Koyna				
Stage 1-2	2.70	97.64	315	40
Stage 4	3.48	155.83	913	0
Stage 3	1.62	62.14	240	0
Total	7.79	315.61		
Hydro				
KDPH	0.65	7.03	37	0
VTRNA	0.00	9.70	0	0
TILLARI	0.12	1.38	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	8.08	80	0
RNGR+BHTSA	0.17	5.92	15	0
BHANDARDRA	0.00	4.09	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.64	8.56	27	26
GHATGHAR	0.00	0.00	0	0
Total	1.83	44.76		
Wind				
Total	6.54	300.06	0	0
Total	6.54	300.06		
CPP				
APML(Mus)	62.27	1176.79	0	0
JSWEL(Mus)	26.59	506.15	0	0
VIPL(Mus)	7.50	176.03	0	0
RPLAMT(Mus)	13.02	564.53	0	0
WPCL(Mus)	3.01	58.02	0	0
Other(Mus)	2.32	67.83	0	0
Total	114.70	2549.34		
SOLAR				
Total	2.64	48.90	0	0
Total	2.64	48.90		
Tata				
Trombay 5	10.80	258.88	486	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.60	36.55	80	47
Trombay 7B	1.19	27.62	57	39
Trombay 8	5.51	136.44	248	200
TATA Hydro	5.88	103.45	441	0
Total	24.98	562.93		
R-INFRA				
DTPS U-1&2	5.74	251.66	251	193
Total	5.74	251.66		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	106.36	2614.12	MSPGCL Total	122.38	3160.13
			MSPGCL Thml+Gas	112.75	2799.76	Koyna 1,2 & 4 Total	6.17	253.47
			MSPGCL Hydro	9.62	360.37	State Total	276.98	6873.03

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 25/Sep/2017

Annexure-2

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	4494	253	277	5024	303	4882	0	0	4259	3895	-1084	13020	0	13020	2151	15171	50.00
2	4476	114	277	4867	265	4819	0	0	4194	3624	-877	12698	0	12698	1947	14645	50.02
3	4492	109	267	4868	368	4777	0	0	4116	3598	-914	12697	0	12697	1820	14517	50.01
4	4499	109	278	4886	412	4721	0	0	4094	3468	-952	12535	0	12535	1747	14282	50.02
5	4550	104	266	4920	394	4591	0	0	4365	3848	-938	12815	0	12815	1733	14548	49.99
6	4539	114	276	4929	343	4598	0	0	4585	4603	-1024	13449	0	13449	1819	15268	49.96
7	4461	223	278	4962	301	4663	0	7	5352	5397	-1183	14147	0	14147	2019	16166	49.99
8	4427	123	277	4827	208	4808	0	77	5504	5762	-1097	14585	0	14585	2152	16737	50.01
9	4397	140	264	4801	124	4802	0	188	5436	5488	-1351	14052	0	14052	2570	16622	50.00
10	4433	199	260	4892	96	4795	0	272	5590	5422	-1445	14032	0	14032	2841	16873	49.97
11	4416	232	266	4914	110	4791	0	340	5783	5890	-1573	14472	0	14472	3066	17538	49.98
12	4413	213	252	4878	105	4804	0	382	6004	6110	-1602	14677	0	14677	3112	17789	49.92
13	4127	310	253	4690	108	4818	0	340	5991	6235	-1570	14621	0	14621	3068	17689	49.94
14	4254	216	253	4723	109	4786	0	341	5779	6001	-1497	14463	0	14463	2953	17416	50.00
15	4296	542	263	5101	185	4779	0	297	5733	5760	-1508	14614	0	14614	3014	17628	49.98
16	4278	597	254	5129	241	4776	0	222	5744	5858	-1508	14718	0	14718	3023	17741	49.96
17	4340	428	255	5023	349	4766	0	133	5312	5569	-1488	14352	0	14352	3009	17361	49.94
18	4351	332	258	4941	293	4786	0	38	5187	5427	-1399	14086	0	14086	2913	16999	50.00
19	4603	1103	270	5976	325	4818	0	0	5164	5402	-1386	15135	0	15135	2895	18030	49.98
20	4825	1381	261	6467	329	4873	0	0	5144	5369	-1363	15675	0	15675	2900	18575	50.00
21	4762	971	263	5996	460	4841	0	0	4899	5127	-1228	15196	0	15196	2731	17927	50.00
22	4501	820	273	5594	432	4832	0	0	4681	5016	-1197	14677	0	14677	2612	17289	50.00
23	4211	436	276	4923	383	4768	0	0	4669	4933	-1090	13917	0	13917	2464	16381	49.99
24	4216	556	275	5047	293	4804	0	0	4530	4519	-959	13704	0	13704	2398	16102	49.98
MUs	106.36	9.63	6.39	122.38	6.54	114.70	0.00	2.64	122.11	122.32	-30.23	338.34	0.00	338.34	60.96	399.30	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 25/Sep/2017

Position as on 6.30 Hrs of 26/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-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Sep/2017

Position as on 6.30 Hrs of 26/Sep/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Coal Shortage From 29.08.2017.	
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.	Coal shortage form 12.09.2017.	
MSPGCL	Khaparkheda Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 6	500	09/09/2017	04.40		Continued.	Coal Shortage form 12.09.2017.	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
IPP	RPL(AMT) U-1	270	18/09/2017	00.01		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	19/09/2017	22.52		Continued.	Boiler protection Operated	
RINFRA-G	REL Unit 2	250	22/09/2017	00.11		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 2	210	25/09/2017	06.50		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 10	660	25/09/2017	11.59	25/09/2017	14.58	Air Heater A Drive Fail.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 26/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	23/09/2017	20.41		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	24/09/2017	12.41	25/09/2017	06.47	PO	replacement of conventional insulator with polymer insulator. (RFC.24.09.2017-19.13)
Ektuni-Bableshtar ckt I	IntraState	15/09/2017	19.16		Continued.	HT	Attending Hot Spot
Chandrapur-II - Nanded ckt II	IntraState	17/09/2017	23.00	25/09/2017	15.43	T	Over Voltage
Bhusawal-Aurangabad	IntraState	18/09/2017	19.25	25/09/2017	09.38	HT	Over Voltage
karad -kolhapur-I	IntraState	19/09/2017	20.43		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	19/09/2017	22.58		Continued.	HT	Over Voltage
Koradi 2-IEPL	IntraState	25/09/2017	11.15	25/09/2017	18.03	PO	Line Crossing Work.
koaradi II - Wardha(PG)	IntraState	25/09/2017	11.48	25/09/2017	18.20	PO	Line Crossing Work.
Nagothane - Dabhol I	IntraState	25/09/2017	12.55	25/09/2017	13.21	T	Tripped Only Dabhol End.
Khadka- Deepnagar Ckt 1	IntraState	25/09/2017	13.46	25/09/2017	16.17	PO	Attending Hot Spot
Bhusawal-Aurangabad	IntraState	25/09/2017	21.40		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/09/2017	01.01	26/09/2017	06.46	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	23/09/2017	11.10	25/09/2017	17.02	EO	Attending Hot Spot
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	23/09/2017	12.14	25/09/2017	19.17	PO	Testing Work
400/220kv 315 Mva ICT I @Karad	IntraState	23/09/2017	15.40	25/09/2017	17.02	PO	Bus Bar Work.
400/220kv 315 Mva ICT III @Karad	IntraState	25/09/2017	11.07	25/09/2017	15.04	PO	Quarterly Maintenance 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.
Mahalakshmi Amona	InterState	25/09/2017	02.32	25/09/2017	07.30	T	Tripped At Amona End.
Tillari Amona	InterState	25/09/2017	03.30	25/09/2017	07.22	T	Tripped At Amona End.
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
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Mahad - Pedambe	IntraState	23/09/2017	10.05	25/09/2017	17.33	PO	Insulator Replacement Work
Talandge-Mudshingi Ckt-I	IntraState	23/09/2017	10.30	25/09/2017	15.16	PO	Quarterly Maintenance Work
Apta - Bombay Dyeing	IntraState	23/09/2017	11.16	25/09/2017	17.58	PO	Relay Testing Work.
Ambazari-Amravati	IntraState	25/09/2017	08.14	25/09/2017	11.07	PO	R-Phase Flashover Disc Replacement.
Dhamangaon New - Badnera	IntraState	25/09/2017	10.00	25/09/2017	16.18	PO	Routine Maintenance Work
Tambati - Adlabs	IntraState	25/09/2017	20.20	26/09/2017	01.50	PO	Replacement Of Breaker Tripped oil.
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 commissioning)

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 25/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 26/Sep/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement Of Ict-2.
132 KV LINE Outages/Trippings							
Jalna220- Jalna Midc	IntraState	25/09/2017	09.50	25/09/2017	10.25	PO	R,B-Phase CT Replacement.
Nilanga - Omerga	IntraState	25/09/2017	12.07	25/09/2017	14.38	PO	Tan Delta Measurment of CTs