

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Sep/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.560	1788.693	1) Gujrat	-0.629	27.263
2) Hydro	2.627	302.523	2) Madhya Pradesh	8.532	258.253
3) Gas	10.117	128.980	3) Chattisgarh	6.160	98.900
Total MSPGCL	115.304	2220.196	4) Maharashtra Net	93.459	1625.438
B) 1) APLM	44.488	755.620	5) Goa (Amona)	0.000	-1.848
2) JSWEL	24.576	311.786	Total	107.522	2008.006
3) VIPL	6.443	126.141	a) Mumbai Schedule	17.000	372.778
4) RPL(AMT)	18.576	476.538	b) Mumbai Drawl	22.408	435.024
5) WPCL	2.000	42.666	c) MSEDCL Bilateral *	20.284	293.692
6) PGPL	0.000	0.000	Include PX	1.105	36.266
7) Other IPP	2.570	47.717	d) Mumbai Bilateral *	17.000	371.728
C) 1) TPCL Thermal	15.146	282.839	Include PX	-1.350	82.575
2) TPCL Hydro	0.906	80.375	Include Standby	0.000	1.050
3) TPCL Gas	3.064	43.969	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.243	194.280	1) MSEDCL	312.963	5719.696
D) STATE			2) Mumbai Discoms	51.767	1036.485
1) Thermal	226.602	4026.280	TOTAL STATE	364.730	6756.181
(A1+C1+C4+(B1-B6))					
2) Hydro	3.533	382.898			
(A2+C2)					
3) Gas	13.181	172.949			
(A3+B6+C3)					
4) Wind	12.437	133.072			
6) SOLAR	1.455	32.978			
TOTAL STATE	257.208	4748.177			

* 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 3 Hrs
MSPGCL Thermal	4344	4309	4447	4036
MSPGCL Hydro	167	110	215	64
MSPGCL Gas	429	424	435	399
MSPGCL Total Generation	4940	4843	5097	4499
Central Sector Receipt	5329	5085	4483	4116
WIND	277	236	916	463
CPP / IPP Thermal	4053	4267	4324	4203
CPP / IPP Gas	0	0	0	0
SOLAR	181	123	0	0
Exchange with Mumbai	-1280	-1309	-638	-786
MSEDCL DEMAND MET	13500	13245	14182	12495
Load Shedding	7	7	0	0
MSEDCL DEMAND	13507	13252	14182	12495
TPCL GENERATION	662	644	1117	783
R-INFRA GENERATION	372	373	483	377
MUMBAI DEMAND	2314	2326	2238	1946
STATE DEMAND MET	15814	15571	16420	14441
STATE DEMAND	15821	15578	16420	14441
Frequency (Hz)	49.96	50.01	50.01	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 06.03 Hrs	49.8 Hz at 18.13 Hrs	50.02	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 17/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	11.07	187.32	539	418
Unit 9	0.00	69.47	0	0
Unit 10	9.75	118.41	521	290
Total	20.82	409.33		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.50	119.22	350	300
Unit 5	7.50	141.12	350	300
Total	15.00	260.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.37	75.60	190	175
Unit 7	4.22	74.10	187	169
Unit 8	0.00	0.00	0	0
Total	8.59	149.69		
Chandrapur				
Unit 3	0.00	44.56	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.84	113.06	425	320
Unit 6	0.00	66.75	0	0
Unit 7	8.65	87.65	400	322
Unit 8	10.46	179.16	480	345
Unit 9	10.80	96.39	500	362
Total	38.76	587.58		
Paras				
Unit 3	3.91	70.36	186	153
Unit 4	3.87	69.68	174	148
Total	7.78	140.04		
Khaparkheda				
Unit 1	0.00	24.14	0	0
Unit 2	3.86	55.04	185	145
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	3.86	123.23		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.89	70.46	168	157
Unit 5	3.88	48.02	167	153
Total	7.77	118.49		
Uran				
All Units	10.12	128.98	438	399
Total	10.12	128.98		
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	0.87	0	0
Total	0.00	0.87		
Koyna				
Stage 1-2	1.10	82.86	95	40
Stage 4	0.00	145.24	0	0
Stage 3	0.23	50.89	160	0
Total	1.33	279.00		
Hydro				
KDPH	0.00	2.44	0	0
VTRNA	0.79	6.84	61	0
TILLARI	0.00	0.41	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	5.90	80	0
RNGR+BHTSA	0.00	2.23	0	0
BHANDARDRA	0.00	1.96	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	3.74	10	9
GHATGHAR	0.00	0.00	0	0
Total	1.30	23.52		
Wind				
Total	12.44	133.07	0	0
Total	12.44	133.07		
CPP				
APML(Mus)	44.49	755.62	0	0
JSWEL(Mus)	24.58	311.79	0	0
VIPL(Mus)	6.44	126.14	0	0
RPLAMT(Mus)	18.58	476.54	0	0
WPCL(Mus)	2.00	42.67	0	0
Other(Mus)	2.57	47.72	0	0
Total	98.65	1760.47		
SOLAR				
Total	1.46	32.98	0	0
Total	1.46	32.98		
Tata				
Trombay 5	9.95	186.90	488	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.79	25.17	102	58
Trombay 7B	1.27	18.80	63	46
Trombay 8	5.20	95.94	245	197
TATA Hydro	0.91	80.38	234	0
Total	19.12	407.18		
R-INFRA				
DTPS U-1&2	10.24	194.28	500	372
Total	10.24	194.28		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	102.56	1788.69
MSPGCL Thml+Gas	112.68	1917.67
MSPGCL Hydro	2.63	302.52

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	115.30	2220.20
Koyna 1,2 & 4 Total	1.10	228.11
State Total	257.21	4748.18

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Sep/2017

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4096	111	409	4616	555	4671	0	0	4271	3935	-962	12815	7	12822	2300	15122	50.00
2	4009	116	401	4526	503	4507	0	0	4137	3954	-864	12626	0	12626	2052	14678	49.97
3	4036	64	399	4499	463	4203	0	0	4147	4116	-786	12495	0	12495	1946	14441	49.98
4	4025	49	410	4484	413	4292	0	0	4019	4210	-714	12686	0	12686	1872	14558	50.04
5	4023	54	409	4486	323	4187	0	0	4325	4381	-663	12714	0	12714	1850	14564	49.99
6	4017	104	402	4523	294	4193	0	0	4345	4829	-593	13245	358	13603	1899	15502	50.04
7	4067	54	426	4547	237	4103	0	4	4813	4547	-628	12810	215	13025	1926	14951	50.06
8	4200	49	438	4687	260	4157	0	37	4816	4777	-636	13282	0	13282	1967	15249	50.02
9	4329	100	435	4864	215	4213	0	96	4895	4713	-775	13326	7	13333	2107	15440	50.02
10	4414	158	423	4995	225	4145	0	152	4918	4607	-1052	13072	7	13079	2172	15251	50.03
11	4404	200	421	5025	234	4021	0	235	4987	5028	-1266	13277	7	13284	2298	15582	49.99
12	4344	167	429	4940	277	4053	0	181	5142	5329	-1280	13500	7	13507	2314	15821	49.96
13	4309	110	424	4843	236	4267	0	123	5147	5085	-1309	13245	7	13252	2326	15578	50.01
14	4374	115	425	4914	345	4064	0	134	5223	4756	-1245	12968	7	12975	2263	15238	50.03
15	4201	120	434	4755	402	3748	0	179	5314	4989	-1242	12831	7	12838	2262	15100	50.02
16	4164	110	423	4697	533	3593	0	147	5103	5191	-1200	12961	7	12968	2220	15188	50.02
17	4191	110	423	4724	750	3495	0	132	4720	4757	-1155	12702	7	12709	2176	14885	50.03
18	4308	163	421	4892	868	3604	0	35	4467	4161	-1053	12507	0	12507	2149	14656	50.02
19	4424	236	422	5082	947	4109	0	0	4167	4289	-730	13697	0	13697	2160	15857	50.00
20	4447	215	435	5097	916	4324	0	0	4434	4483	-638	14182	0	14182	2238	16420	50.01
21	4519	65	426	5010	758	4335	0	0	4366	4362	-736	13729	0	13729	2344	16073	50.01
22	4544	49	426	5019	718	4323	0	0	4325	3919	-820	13158	0	13158	2366	15524	50.03
23	4559	59	418	5036	915	4155	0	0	4222	3741	-913	12934	0	12934	2309	15243	50.02
24	4556	49	438	5043	1050	3892	0	0	4129	3363	-1148	12200	0	12200	2251	14451	50.07
MUs	102.56	2.63	10.12	115.30	12.44	98.65	0.00	1.45	110.43	107.52	-22.41	312.96	0.64	313.61	51.77	365.37	50.02

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 17/Sep/2017

Position as on 6.30 Hrs of 18/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								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	
RGPPL	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.	
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 17/Sep/2017

Position as on 6.30 Hrs of 18/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	
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	
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	
CPP	SWPGL U-4	135	17/09/2017	22.17	18/09/2017	00.28	Flame Failure	
IPP	RPL(AMT) U-1	270	18/09/2017	00.01		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 18/Sep/2017

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							
Chandrapur - Padghe Hvdc Pole 2	IntraState	16/09/2017	22.52	17/09/2017	00.12	EO	to attend sparking on c5 dc filter bank.
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	15/09/2017	19.30		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	16/09/2017	08.06		Continued.	PO	Replacement of conventional Insulators with polymer insulators.
Parli(MS)-Parli (PG) I	InterState	17/09/2017	09.18	17/09/2017	20.59	PO	work at parli pg end
Kolhapur Solapur (PG) II	InterState	18/09/2017	02.09		Continued.	HT	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
Ektuni-Bableshtar ckt I	IntraState	15/09/2017	19.16		Continued.	HT	Attending Hot Spot
Chandrapur-II - Nanded ckt II	IntraState	15/09/2017	23.49	17/09/2017	11.15	T	Over Voltage
Bhusawal-Aurangabad	IntraState	16/09/2017	21.42		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	17/09/2017	23.00		Continued.	T	Over Voltage
Lonikand I - Koyana stage-IV	IntraState	17/09/2017	23.37		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39	17/09/2017	22.23	PO	Attend defects observed in OLTC of ICT 1.
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	17/09/2017	06.02	17/09/2017	08.02	T	Over Voltage
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
Parli New Tps - Beed Ckt 2	IntraState	13/09/2017	16.06	13/09/2017	Continued.	PO	Replacement of Flashover String
Butibori - Wardha	IntraState	17/09/2017	14.28		Continued.	T	Distance Protection
Deoli(Pgcil)-Badnera	IntraState	17/09/2017	17.50	17/09/2017	18.09	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 commissioning)
220/132 Kv 150 Mva Emco lct 1 @Ambazari	IntraState	06/09/2017	08.41		Continued.	PO	Augmentation of 200 MVA 220/132KV ICT
220 Kv /132 Kv 100 Mva Ptr @Chitegaon	IntraState	17/09/2017	06.36	17/09/2017	07.06	T	Backup Protection
132 KV LINE Outages/Trippings							
Chitegaon - RI Steel	IntraState	17/09/2017	06.36	17/09/2017	07.09	T	Distance Protection
Chitegaon - Paithan	IntraState	17/09/2017	06.36	17/09/2017	07.28	T	Distance Protection
Chitegaon - Garware	IntraState	17/09/2017	06.36	17/09/2017	20.49	T	Distance Protection
Shahada-Taloda	IntraState	17/09/2017	13.11	17/09/2017	13.30	T	Distance Protection

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