

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Sep/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.685	2198.033	1) Gujrat	-3.300	19.007
2) Hydro	7.272	324.857	2) Madhya Pradesh	8.832	292.179
3) Gas	6.401	160.199	3) Chattisgarh	6.730	125.650
Total MSPGCL	115.358	2683.089	4) Maharashtra Net	87.390	1980.224
B) 1) APML	53.366	941.287	5) Goa (Amona)	-0.154	-2.354
2) JSWEL	23.164	403.858	Total	99.498	2414.706
3) VIPL	6.130	148.514	a) Mumbai Schedule	17.919	449.660
4) RPL(AMT)	10.336	516.440	b) Mumbai Drawl	30.083	556.034
5) WPCL	0.000	46.908	c) MSEDCL Bilateral *	15.136	360.865
6) PGPL	0.000	0.000	Include PX	-2.091	33.100
7) Other IPP	2.496	57.706	d) Mumbai Bilateral *	17.919	448.610
C) 1) TPCL Thermal	13.266	335.617	Include PX	-0.018	86.835
2) TPCL Hydro	2.685	90.450	Include Standby	0.000	1.050
3) TPCL Gas	2.318	55.155	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.230	230.317	1) MSEDCL	303.853	6954.182
D) STATE			2) Mumbai Discoms	57.585	1267.577
1) Thermal	219.673	4878.680	TOTAL STATE	361.438	8221.759
(A1+C1+C4+(B1-B6))					
2) Hydro	9.957	415.307			
(A2+C2)					
3) Gas	8.719	215.354			
(A3+B6+C3)					
4) Wind	22.458	258.287			
6) SOLAR	1.130	39.421			
TOTAL STATE	261.937	5807.049			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4451	4350	4196	4127
MSPGCL Hydro	338	174	543	316
MSPGCL Gas	269	284	267	269
MSPGCL Total Generation	5058	4808	5006	4712
Central Sector Receipt	4760	4554	4297	3108
WIND	784	880	1268	740
CPP / IPP Thermal	4230	4317	4553	3321
CPP / IPP Gas	0	0	0	0
SOLAR	202	106	0	0
Exchange with Mumbai	-1745	-1696	-1240	-602
MSEDCL DEMAND MET	13289	12969	13884	11279
Load Shedding	0	0	0	0
MSEDCL DEMAND	13289	12969	13884	11279
TPCL GENERATION	766	870	1105	616
R-INFRA GENERATION	376	375	499	376
MUMBAI DEMAND	2887	2941	2844	1594
STATE DEMAND MET	16176	15910	16728	12873
STATE DEMAND	16176	15910	16728	12873
Frequency (Hz)	50.00	49.98	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.04 Hrs	49.76 Hz at 13.43 Hrs	49.95	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 21/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	10.80	230.81	492	400
Unit 9	0.00	69.47	0	0
Unit 10	11.06	162.79	560	401
Total	21.86	497.19		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.48	149.12	350	300
Unit 5	7.58	171.29	350	300
Total	15.06	320.42		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.43	93.50	191	180
Unit 7	4.31	91.68	191	176
Unit 8	0.00	0.00	0	0
Total	8.74	185.17		
Chandrapur				
Unit 3	0.00	44.56	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.29	149.07	430	352
Unit 6	0.00	66.75	0	0
Unit 7	9.17	123.36	405	360
Unit 8	9.42	218.68	450	353
Unit 9	9.50	135.87	451	355
Total	37.38	738.29		
Paras				
Unit 3	3.97	85.54	176	154
Unit 4	3.66	84.47	170	138
Total	7.63	170.00		
Khaparkheda				
Unit 1	0.00	24.14	0	0
Unit 2	3.12	68.98	155	110
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	3.12	137.18		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.94	86.12	173	156
Unit 5	3.96	63.66	170	161
Total	7.90	149.78		
Uran				
All Units	6.40	160.20	287	229
Total	6.40	160.20		
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	0.91	0	0
Total	0.00	0.91		
Koyna				
Stage 1-2	1.82	88.16	275	40
Stage 4	0.00	145.24	0	0
Stage 3	1.08	55.90	80	0
Total	2.90	289.30		
Hydro				
KDPH	0.85	3.79	36	35
VTRNA	0.86	9.38	61	0
TILLARI	0.18	1.02	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	7.03	80	0
RNGR+BHTSA	1.18	4.89	49	49
BHANDARDRA	0.34	3.18	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.63	6.26	27	26
GHATGHAR	0.00	0.00	0	0
Total	4.37	35.55		
Wind				
Total	22.46	258.29	0	0
Total	22.46	258.29		
CPP				
APML(Mus)	53.37	941.29	0	0
JSWEL(Mus)	23.16	403.86	0	0
VIPL(Mus)	6.13	148.51	0	0
RPLAMT(Mus)	10.34	516.44	0	0
WPCL(Mus)	0.00	46.91	0	0
Other(Mus)	2.50	57.71	0	0
Total	95.49	2114.71		
SOLAR				
Total	1.13	39.42	0	0
Total	1.13	39.42		
Tata				
Trombay 5	8.42	220.09	471	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.28	31.58	64	47
Trombay 7B	1.04	23.58	51	37
Trombay 8	4.84	115.52	237	188
TATA Hydro	2.68	90.45	349	0
Total	18.27	481.22		
R-INFRA				
DTPS U-1&2	9.23	230.32	499	361
Total	9.23	230.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	101.68	2198.03	MSPGCL Total	115.36	2683.09
			MSPGCL Thml+Gas	108.09	2358.23	Koyna 1,2 & 4 Total	1.82	233.40
			MSPGCL Hydro	7.27	324.86	State Total	261.94	5807.05

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	4145	312	270	4727	895	3315	0	0	3710	3595	-853	11679	0	11679	1859	13538	49.97
2	4124	307	269	4700	910	3314	0	0	3408	3357	-703	11578	0	11578	1709	13287	49.95
3	4120	306	280	4706	827	3313	0	0	3267	3162	-652	11356	0	11356	1644	13000	49.97
4	4127	316	269	4712	740	3321	0	0	3309	3108	-602	11279	0	11279	1594	12873	49.99
5	4142	301	287	4730	699	3331	0	0	3402	3498	-602	11656	0	11656	1594	13250	49.89
6	4144	262	269	4675	626	3415	0	0	4245	4347	-719	12344	0	12344	1723	14067	49.90
7	4334	241	270	4845	651	3879	0	4	4620	4526	-859	13046	0	13046	1877	14923	50.00
8	4331	235	280	4846	677	4190	0	32	4705	4634	-1060	13319	0	13319	2141	15460	49.99
9	4433	270	270	4973	648	4255	0	74	4746	4744	-1243	13450	0	13450	2382	15832	49.99
10	4454	375	279	5108	702	4159	0	173	4827	4589	-1560	13170	0	13170	2747	15917	49.72
11	4451	338	269	5058	784	4230	0	202	5021	4760	-1745	13289	0	13289	2887	16176	50.00
12	4457	197	265	4919	810	4496	0	174	5101	4448	-1678	13170	0	13170	2970	16140	49.98
13	4350	174	284	4808	880	4317	0	106	5033	4554	-1696	12969	0	12969	2941	15910	49.98
14	4167	164	262	4593	804	3981	0	119	4864	4658	-1646	12509	0	12509	2818	15327	49.92
15	4211	194	263	4668	933	3796	0	107	4677	4788	-1600	12692	0	12692	2845	15537	49.92
16	4218	254	266	4738	991	3924	0	81	4792	4475	-1656	12553	0	12553	2842	15395	49.99
17	4176	249	278	4703	1180	3931	0	46	4444	4290	-1689	12461	0	12461	2830	15291	49.97
18	4252	251	267	4770	1352	4040	0	12	4366	4193	-1589	12779	0	12779	2805	15584	49.96
19	4215	486	264	4965	1279	4352	0	0	4549	4366	-1420	13542	0	13542	2832	16374	49.92
20	4196	543	267	5006	1268	4553	0	0	4558	4297	-1240	13884	0	13884	2844	16728	49.97
21	4194	510	250	4954	1356	4523	0	0	4236	4104	-1360	13577	0	13577	2662	16239	49.97
22	4198	394	229	4821	1234	4417	0	0	4068	3898	-1364	13005	0	13005	2514	15519	49.96
23	4161	314	252	4727	1096	4414	0	0	3727	3495	-1322	12410	0	12410	2323	14733	49.95
24	4085	279	242	4606	1116	4023	0	0	3769	3615	-1225	12135	0	12135	2199	14334	49.98
MUs	101.68	7.27	6.40	115.36	22.46	95.49	0.00	1.13	103.44	99.50	-30.08	303.85	0.00	303.85	57.58	361.43	49.95

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 21/Sep/2017

Position as on 6.30 Hrs of 22/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 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	
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.	
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 21/Sep/2017

Position as on 6.30 Hrs of 22/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.	
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.	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	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	
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	
CPP	SWPGL U-4	135	20/09/2017	00.00		Continued.	ID Fan Vibration High	
RINFRA-G	REL Unit 2	250	22/09/2017	00.11		Continued.	Coal Shortage	
MSPGCL	Koyana STG- IV Unit - 1	250	22/09/2017	04.14		Continued.	Sensor Mal Function	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 22/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 I	InterState	15/09/2017	19.30	21/09/2017	11.20	HT	Over Voltage
Dhule Khandwa II	InterState	20/09/2017	08.46	21/09/2017	08.02	T	Line Is Already Out,Code For Outage
Dhule Khandwa I	InterState	21/09/2017	08.46	21/09/2017	19.36	PO	outage by WRDLC
Dhule Sar'Sarovar II	InterState	21/09/2017	16.03		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	15/09/2017	19.16		Continued.	HT	Attending Hot Spot
Chandrapur-II - Nanded ckt II	IntraState	17/09/2017	23.00		Continued.	T	Over Voltage
Bhusawal-Aurangabad	IntraState	18/09/2017	19.25		Continued.	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
Deepnagar Taptitanda	IntraState	20/09/2017	20.20		Continued.	T	Distance Protection
New Koyna - Koyna Stage IV-II	IntraState	22/09/2017	04.14		Continued.	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	21/09/2017	09.30	21/09/2017	19.12	PO	Replacement of Tertiary Bushing
400/220KV 500MVA ICT-I @Nanded	IntraState	21/09/2017	11.34	21/09/2017	16.28	PO	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.
Mahalakshmi Amona	InterState	22/09/2017	02.42		Continued.	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
Baramati- Kalyani	IntraState	21/09/2017	10.05	21/09/2017	12.20	PO	Testing Work
Bombay Dyeing - Sahara	IntraState	21/09/2017	10.38	21/09/2017	19.20	PO	Line Maintenance work
Parli 3 (Old Gcr)-Osmanabad	IntraState	21/09/2017	11.02	21/09/2017	16.03	EO	To attend Hot Spot
Nanded-Parbhani	IntraState	21/09/2017	11.13	21/09/2017	14.27	PO	Tan Delta Measurment of CTs
Kanhan-Suryalakshmi	IntraState	21/09/2017	13.20	21/09/2017	15.52	PO	ABT Meter Installation work
Babhaleshwar - Degaon Rangari	IntraState	21/09/2017	15.00	21/09/2017	17.14	EO	To attend Hot Spot
Eklahara(OCR)-Raymond (Padagha-I)	IntraState	22/09/2017	04.07		Continued.	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 Ict 1 @Ambazari	IntraState	06/09/2017	08.41		Continued.	PO	Augmentation of 200 MVA 220/132KV ICT
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement Of Ict-2.
220/132 KV ICT III @ Nasik OCR	IntraState	21/09/2017	04.27		Continued.	T	Radiator Oil Leakage
132 KV LINE Outages/Trippings							
Bhandara-Madgi-Ii	IntraState	21/09/2017	04.47	21/09/2017	09.03	T	Distance Protection
Amalner(220kv)-Amalner (132 Kv)	IntraState	21/09/2017	09.57	21/09/2017	10.15	T	Tripped Without Any Indication

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 21/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 22/Sep/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Parvati-Gis Rastapeth	IntraState	21/09/2017	14.39		Continued.	T	Distance Protection
Deulgaon Mahi-Dusarbid	IntraState	21/09/2017	20.30	21/09/2017	20.40	T	Distance Protection
Himayatnagar - Tamsa	IntraState	22/09/2017	13.25	22/09/2017	13.30	T	Distance Protection