

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.460	2980.287	1) Gujrat	-4.023	-56.277
2) Hydro	3.782	108.094	2) Madhya Pradesh	12.735	221.338
3) Gas	9.606	199.913	3) Chattisgarh	8.020	143.170
Total MSPGCL	138.848	3288.294	4) Maharashtra Net	102.844	2125.080
B) 1) APML	64.458	1032.555	5) Goa (Amona)	-0.352	-8.272
2) JSWEL	16.687	333.000	Total	119.224	2425.039
3) VIPL	5.543	126.336	a) Mumbai Schedule	31.269	584.837
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	36.864	701.522
5) WPCL	4.951	80.756	c) MSEDCL Bilateral *	16.288	385.393
6) PGPL	0.000	0.000	Include PX	-0.484	21.244
7) Other IPP	2.660	65.856	d) Mumbai Bilateral *	31.269	584.710
C) 1) TPCL Thermal	13.456	294.984	Include PX	13.059	167.575
2) TPCL Hydro	3.716	80.223	Include Standby	0.000	0.128
3) TPCL Gas	4.455	93.023	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.733	206.975	1) MSEDCL	362.184	7285.844
D) STATE			2) Mumbai Discoms	68.219	1376.722
1) Thermal	242.948	5235.872	TOTAL STATE	430.403	8662.566
(A1+C1+C4+(B1-B6))					
2) Hydro	7.498	188.317			
(A2+C2)					
3) Gas	14.061	292.936			
(A3+B6+C3)					
4) Wind	44.572	488.819			
6) SOLAR	2.105	31.588			
TOTAL STATE	311.184	6237.532			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5150	5274	5411	4755
MSPGCL Hydro	238	135	115	67
MSPGCL Gas	399	402	406	404
MSPGCL Total Generation	5787	5811	5932	5226
Central Sector Receipt	5999	5505	4852	4424
WIND	1668	1620	2396	1528
CPP / IPP Thermal	3975	4247	3778	3710
CPP / IPP Gas	0	0	0	0
SOLAR	272	244	0	0
Exchange with Mumbai	-1777	-1745	-1475	-1177
MSEDCL DEMAND MET	15924	15682	15483	13711
Load Shedding	0	0	0	0
MSEDCL DEMAND	15924	15682	15483	13711
TPCL GENERATION	1213	1207	928	696
R-INFRA GENERATION	388	389	468	389
MUMBAI DEMAND	3378	3341	2871	2262
STATE DEMAND MET	19302	19023	18354	15973
STATE DEMAND	19302	19023	18354	15973
Frequency (Hz)	49.96	50.00	49.99	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 19.00 Hrs	49.8 Hz at 14.21 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 21/Jun/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	0.13	59.96	90	0
Unit 8	10.33	140.06	485	340
Unit 9	8.74	190.39	466	183
Unit 10	5.58	178.05	460	0
Total	24.77	568.46		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	9.06	191.91	500	355
Unit 5	9.13	172.44	500	360
Total	18.19	413.01		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	65.93	0	0
Unit 7	0.00	59.86	0	0
Unit 8	0.00	15.86	0	0
Total	0.00	141.65		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	4.23	75.68	190	167
Unit 5	9.02	188.12	410	351
Unit 6	9.26	197.52	440	353
Unit 7	9.27	191.96	451	358
Unit 8	8.72	157.34	405	300
Unit 9	9.36	196.86	491	197
Total	49.85	1027.21		
Paras				
Unit 3	4.72	101.21	230	182
Unit 4	0.00	95.06	0	0
Total	4.72	196.27		
Khaparkheda				
Unit 1	3.32	70.02	150	120
Unit 2	0.00	49.37	0	0
Unit 3	3.56	67.77	156	141
Unit 4	3.43	66.62	154	136
Unit 5	9.65	204.36	490	380
Total	19.96	458.14		
Nasik				
Unit 3	3.94	17.90	195	160
Unit 4	4.02	87.96	200	153
Unit 5	0.00	69.70	0	0
Total	7.96	175.55		
Uran				
All Units	9.61	199.91	412	369
Total	9.61	199.91		
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)	0.20	1.17	24	0
Total	0.20	1.17		
Koyna				
Stage 1-2	1.68	46.11	295	40
Stage 4	0.00	5.69	0	0
Stage 3	0.63	13.76	80	0
Total	2.31	65.56		
Hydro				
KDPH	0.00	4.55	0	0
VTRNA	0.92	18.86	60	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	4.85	80	0
RNGR+BHTSA	0.38	3.81	17	15
BHANDARDRA	0.00	1.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.56	0	0
GHATGHAR	0.00	8.17	0	0
Total	1.47	42.54		
Wind				
Total	44.57	488.82	0	0
Total	44.57	488.82		
CPP				
APML(Mus)	64.46	1032.56	0	0
JSWEL(Mus)	16.69	333.00	0	0
VIPL(Mus)	5.54	126.34	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	4.95	80.76	0	0
Other(Mus)	2.66	65.86	0	0
Total	94.30	1753.63		
SOLAR				
Total	2.10	31.59	0	0
Total	2.10	31.59		
Tata				
Trombay 5	8.04	186.49	479	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.88	60.18	122	115
Trombay 7B	1.58	32.85	67	64
Trombay 8	5.42	108.49	243	203
TATA Hydro	3.72	80.22	394	0
Total	21.63	468.23		
R-INFRA				
DTPS U-1&2	9.73	206.98	498	388
Total	9.73	206.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	125.46	2980.29	MSPGCL Total	138.85	3288.29
			MSPGCL Thml+Gas	135.07	3180.20	Koyna 1,2 & 4 Total	1.68	51.80
			MSPGCL Hydro	3.78	108.09	State Total	311.18	6237.53

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Jun/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	5001	63	404	5468	1794	4423	0	0	4730	4624	-1577	14732	0	14732	2779	17511	50.00
2	4884	67	405	5356	1948	4284	0	0	4595	4221	-1472	14337	0	14337	2571	16908	50.02
3	4809	57	394	5260	2074	3962	0	0	4492	4359	-1273	14382	0	14382	2354	16736	49.98
4	4755	67	404	5226	1528	3710	0	0	4220	4424	-1177	13711	0	13711	2262	15973	49.95
5	5016	312	405	5733	1584	3832	0	0	4156	4472	-1140	14481	0	14481	2223	16704	49.99
6	5172	202	395	5769	1214	4034	0	5	4697	4975	-1174	14823	0	14823	2261	17084	50.00
7	5388	268	405	6061	1173	4309	0	21	4892	5091	-1104	15551	0	15551	2294	17845	49.98
8	5583	172	405	6160	1198	4367	0	95	4959	4991	-1135	15676	0	15676	2372	18048	49.97
9	5471	149	396	6016	1544	4397	0	158	5020	4937	-1533	15519	0	15519	2751	18270	50.02
10	5220	196	369	5785	1743	4286	0	234	5191	4871	-1760	15159	0	15159	3053	18212	50.01
11	4860	198	394	5452	1652	3968	0	290	5384	5442	-1823	14981	0	14981	3281	18262	50.01
12	5150	238	399	5787	1668	3975	0	272	5526	5999	-1777	15924	0	15924	3378	19302	49.96
13	5274	135	402	5811	1620	4247	0	244	5527	5505	-1745	15682	0	15682	3341	19023	50.00
14	5233	116	391	5740	1720	3964	0	207	5462	5671	-1714	15588	0	15588	3256	18844	50.02
15	5286	200	390	5876	1731	3931	0	206	5460	5738	-1741	15741	0	15741	3275	19016	49.98
16	5374	195	400	5969	1983	3896	0	183	5515	5390	-1767	15654	0	15654	3291	18945	50.02
17	5368	195	398	5961	2353	3772	0	121	4954	5149	-1811	15545	0	15545	3274	18819	49.99
18	5327	195	404	5926	2285	3501	0	61	4677	4867	-1687	14953	0	14953	3128	18081	49.97
19	5265	194	404	5863	2401	3434	0	8	4328	4532	-1610	14628	0	14628	3010	17638	49.99
20	5259	143	404	5806	2462	3488	0	0	4837	4863	-1650	14969	0	14969	2918	17887	49.97
21	5411	115	406	5932	2396	3778	0	0	4987	4852	-1475	15483	0	15483	2871	18354	49.99
22	5442	135	410	5987	2234	3603	0	0	4693	4789	-1568	15045	0	15045	2789	17834	50.01
23	5486	115	410	6011	2352	3582	0	0	4418	4686	-1611	15020	0	15020	2779	17799	49.99
24	5426	55	412	5893	1915	3555	0	0	4373	4776	-1540	14599	0	14599	2713	17312	49.97
MUs	125.46	3.78	9.61	138.85	44.57	94.30	0.00	2.10	117.09	119.22	-36.86	362.18	0.00	362.18	68.22	430.41	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 21/Jun/2017

Position as on 6.30 Hrs of 22/Jun/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.	
MSPGCL	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
MSPGCL	Khaparkhedda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 4	250	21/06/2017	00.04		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
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.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swaping with unit-5.	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01		Continued.	Zero Schedule By	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Jun/2017

Position as on 6.30 Hrs of 22/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 6	250	14/06/2017	00.02		Continued.	Zero schedule by MSEDCL.	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 5	210	17/06/2017	15.35		Continued.	Zero schedule by MSEDCL	
MSPGCL	Koradi Unit 10	660	20/06/2017	23.55	21/06/2017	02.59	UAT.	
MSPGCL	Koradi Unit 10	660	21/06/2017	05.33	21/06/2017	09.31	Steam Temp. High.	
TPC-G	Trombay 5	500	21/06/2017	20.33		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 22/Jun/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	20/06/2017	19.30	21/06/2017	06.44	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	21/06/2017	18.33	22/06/2017	06.54	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	to control load on padghe-bableswhar.
karad -kolhapur-I	IntraState	19/06/2017	18.05	21/06/2017	10.01	HT	Over Voltage
Karad - Jaigad - II	IntraState	19/06/2017	21.26		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	20/06/2017	18.17	21/06/2017	06.51	HT	Over Voltage
Girwali - Lonikand 1	IntraState	21/06/2017	10.01	21/06/2017	10.31	PO	for taking line reactor out at parly end.
Khadka-Aurangabad (Waluj)	IntraState	21/06/2017	18.29	22/06/2017	06.37	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT I @Akola	IntraState	19/06/2017	07.53	21/06/2017	00.05	PO	ICT Tertiary IPS Tube Coating work
400/220/33 Kv 315 MVA ICT II @Chandrapur	IntraState	21/06/2017	10.32	21/06/2017	19.12	PO	Pre monsoon 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.
Solapur(PG)- Jeur	InterState	21/06/2017	13.34	21/06/2017	16.20	PO	Relay Replacement work.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Walchandnagar-Bhigwan	IntraState	04/06/2017	17.29		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
New Koyna - Pedambe	IntraState	14/06/2017	09.33		Continued.	T	Distance Protection
Pophali - Pedambe II	IntraState	17/06/2017	17.00		Continued.	PO	CT REPLACEMENT WORK
Malharpeth - Karad(400kv)	IntraState	20/06/2017	10.04		Continued.	PO	Breaker Replacement Work.
Paranda-Barshi	IntraState	21/06/2017	09.40	21/06/2017	11.25	PO	Quarterly Maintainance Work
Chandrapur GCR - Cpurrytss1	IntraState	21/06/2017	09.47	21/06/2017	18.00	PO	replacement of string and old e/w from loc.
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	21/06/2017	11.08	21/06/2017	15.50	PO	Routine Maintenance Work
Gadchandur - Virur-li	IntraState	21/06/2017	11.17	21/06/2017	16.05	PO	restringing of broken earth wire between location 157 and 158 of gadchandur ckt.
Vita-Hiwarwadi	IntraState	21/06/2017	11.18	21/06/2017	14.27	EO	Attending Hot Spot
Kalwa - Siemens	IntraState	21/06/2017	11.31	21/06/2017	16.35	PO	safety purpose.
Miraj - Mhaishal	IntraState	21/06/2017	17.26	21/06/2017	17.49	T	line trip over current relay operated.
Khadka-Chalisgaon-2	IntraState	21/06/2017	19.51		Continued.	PO	attending heavy sparking on b-ph. jumper at loc.
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)
132 KV LINE Outages/Trippings							
Kurunda - Hingoli	IntraState	21/06/2017	03.06	21/06/2017	03.17	HT	Distance Protection
Naldurg - Ujani	IntraState	21/06/2017	10.40	21/06/2017	14.20	T	Distance Protection

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