

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	161.650	3233.575	1) Gujrat	-1.487	-46.604
2) Hydro	3.914	97.584	2) Madhya Pradesh	11.395	253.381
3) Gas	10.416	192.362	3) Chattisgarh	5.960	130.800
Total MSPGCL	175.980	3523.521	4) Maharashtra Net	120.983	2649.263
B) 1) APML	46.291	1129.716	5) Goa (Amona)	-0.924	-16.280
2) JSWEL	20.660	420.048	Total	135.927	2970.560
3) VIPL	11.450	262.819	a) Mumbai Schedule	17.884	504.643
4) RPL(AMT)	15.218	321.106	b) Mumbai Drawl	29.248	675.617
5) WPCL	2.645	51.014	c) MSEDCL Bilateral *	44.632	861.956
6) PGPL	0.000	0.000	Include PX	2.699	147.277
7) Other IPP	6.308	118.467	d) Mumbai Bilateral *	17.884	504.643
C) 1) TPCL Thermal	12.280	303.756	Include PX	1.214	49.424
2) TPCL Hydro	0.701	72.949	Include Standby	0.000	0.000
3) TPCL Gas	4.476	94.418	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.334	208.517	1) MSEDCL	407.616	8484.267
D) STATE			2) Mumbai Discoms	56.039	1355.259
1) Thermal	285.836	6049.018	TOTAL STATE	463.655	9839.526
(A1+C1+C4+(B1-B6))					
2) Hydro	4.615	170.533			
(A2+C2)					
3) Gas	14.892	286.780			
(A3+B6+C3)					
4) Wind	20.785	328.766			
6) SOLAR	1.600	33.867			
TOTAL STATE	327.728	6868.964			

* 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 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6628	6777	6902	6963
MSPGCL Hydro	277	95	291	98
MSPGCL Gas	420	422	432	445
MSPGCL Total Generation	7325	7294	7625	7506
Central Sector Receipt	6606	6862	4562	5090
WIND	564	658	798	1089
CPP / IPP Thermal	4174	4136	4514	4238
CPP / IPP Gas	0	0	0	0
SOLAR	218	142	0	0
Exchange with Mumbai	-1234	-1241	-1265	-1059
MSEDCL DEMAND MET	17653	17851	16234	16864
Load Shedding	0	0	0	0
MSEDCL DEMAND	17653	17851	16234	16864
TPCL GENERATION	749	766	835	694
R-INFRA GENERATION	388	389	389	388
MUMBAI DEMAND	2371	2396	2489	2141
STATE DEMAND MET	20024	20247	18723	19005
STATE DEMAND	20024	20247	18723	19005
Frequency (Hz)	49.92	49.95	50.02	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 18.03 Hrs	49.82 Hz at 12.13 Hrs	50	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/May/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	3.60	78.16	163	130
Unit 8	6.95	199.90	311	280
Unit 9	6.96	172.07	293	285
Unit 10	6.55	96.45	288	255
Total	24.06	546.57		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.04	76.67	190	160
Unit 4	9.66	199.92	465	355
Unit 5	9.91	199.99	490	350
Total	23.61	476.58		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.46	114.74	250	181
Unit 7	5.46	112.97	248	187
Unit 8	4.21	39.22	190	168
Total	15.14	266.93		
Chandrapur				
Unit 3	4.45	92.31	192	163
Unit 4	4.57	84.25	197	165
Unit 5	9.88	209.21	435	365
Unit 6	10.28	161.50	450	375
Unit 7	0.78	0.80	136	0
Unit 8	9.06	190.36	400	345
Unit 9	10.24	201.50	498	270
Total	49.26	939.93		
Paras				
Unit 3	5.64	105.33	256	192
Unit 4	5.59	109.58	254	187
Total	11.24	214.91		
Khaparkheda				
Unit 1	3.95	83.42	180	145
Unit 2	4.12	83.76	185	160
Unit 3	4.17	87.38	200	154
Unit 4	4.13	72.33	182	160
Unit 5	9.91	194.46	493	360
Total	26.28	521.35		
Nasik				
Unit 3	4.10	89.95	175	170
Unit 4	3.96	89.39	167	161
Unit 5	4.01	87.97	170	164
Total	12.08	267.31		
Uran				
All Units	10.42	192.36	452	420
Total	10.42	192.36		
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)	0.03	4.31	16	0
Total	0.03	4.31		
Koyna				
Stage 1-2	1.28	24.70	140	40
Stage 4	0.00	1.14	0	0
Stage 3	0.28	6.14	80	0
Total	1.55	31.99		
Hydro				
KDPH	0.58	12.05	24	24
VTRNA	0.56	11.86	61	0
TILLARI	0.00	0.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	3.87	80	0
RNGR+BHTSA	0.27	5.73	12	11
BHANDARDRA	0.45	9.15	34	9
ELDARY	0.00	1.80	0	0
SMLHY_PTN	0.34	6.23	22	11
GHATGHAR	0.05	14.25	52	0
Total	2.36	65.59		
Wind				
Total	20.78	328.77	0	0
Total	20.78	328.77		
CPP				
APML(Mus)	46.29	1129.72	0	0
JSWEL(Mus)	20.66	420.05	0	0
VIPL(Mus)	11.45	262.82	0	0
RPLAMT(Mus)	15.22	321.11	0	0
WPCL(Mus)	2.64	51.01	0	0
Other(Mus)	6.31	118.47	0	0
Total	102.57	2303.17		
SOLAR				
Total	1.60	33.87	0	0
Total	1.60	33.87		
Tata				
Trombay 5	7.38	193.82	354	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.89	60.82	123	117
Trombay 7B	1.59	33.60	67	65
Trombay 8	4.90	109.93	222	200
TATA Hydro	0.70	72.95	147	0
Total	17.46	471.12		
R-INFRA				
DTPS U-1&2	9.33	208.52	390	388
Total	9.33	208.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	161.65	3233.58	MSPGCL Total	175.98	3523.52
			MSPGCL Thml+Gas	172.07	3425.94	Koyna 1,2 & 4 Total	1.28	25.85
			MSPGCL Hydro	3.91	97.58	State Total	327.73	6868.96

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 21/May/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	6918	98	432	7448	1171	4715	0	0	5598	5565	-1572	17327	0	17327	2648	19975	49.99
2	6950	98	443	7491	1107	4579	0	0	5608	5455	-1410	17222	0	17222	2489	19711	49.99
3	6912	98	441	7451	1183	4394	0	0	5512	5292	-1243	17077	0	17077	2318	19395	49.97
4	6926	103	433	7462	1232	4345	0	0	5450	5224	-1133	17130	0	17130	2220	19350	49.98
5	6963	98	445	7506	1089	4238	0	0	5413	5090	-1059	16864	0	16864	2141	19005	49.97
6	6865	122	446	7433	1147	4196	0	0	5863	5970	-1055	17691	0	17691	2141	19832	49.99
7	6935	127	438	7500	959	4079	0	5	6011	5996	-982	17557	0	17557	2064	19621	50.00
8	6816	121	445	7382	902	4091	0	49	6164	5520	-963	16981	0	16981	2056	19037	50.05
9	6536	153	439	7128	810	4077	0	101	6182	5901	-1012	17005	0	17005	2100	19105	50.01
10	6399	177	425	7001	596	4083	0	160	6117	5593	-1105	16328	0	16328	2192	18520	50.02
11	6316	356	422	7094	585	4081	0	193	6349	6503	-1228	17228	0	17228	2313	19541	49.96
12	6628	277	420	7325	564	4174	0	218	6688	6606	-1234	17653	0	17653	2371	20024	49.92
13	7065	147	420	7632	636	4395	0	227	6698	6135	-1322	17703	0	17703	2407	20110	49.95
14	6946	96	423	7465	645	4130	0	195	6406	6489	-1232	17692	0	17692	2332	20024	49.98
15	6927	101	422	7450	610	4100	0	177	6530	6633	-1204	17766	0	17766	2360	20126	49.97
16	6777	95	422	7294	658	4136	0	142	6592	6862	-1241	17851	0	17851	2396	20247	49.95
17	6619	177	435	7231	686	4169	0	93	6444	6242	-1220	17201	0	17201	2375	19576	50.08
18	6355	167	438	6960	888	4144	0	37	5690	5244	-1167	16106	0	16106	2290	18396	50.14
19	6129	191	429	6749	1011	4205	0	3	4333	4475	-1135	15308	0	15308	2251	17559	50.05
20	6399	244	439	7082	1034	4234	0	0	4067	4700	-1172	15878	0	15878	2403	18281	49.98
21	6902	291	432	7625	798	4514	0	0	4576	4562	-1265	16234	0	16234	2489	18723	50.02
22	6387	176	452	7015	692	4404	0	0	4946	5243	-1317	16037	0	16037	2488	18525	49.99
23	6924	226	432	7582	819	4430	0	0	4899	5299	-1415	16715	0	16715	2544	19259	50.00
24	7056	175	443	7674	963	4659	0	0	5649	5328	-1562	17062	0	17062	2651	19713	50.01
MUs	161.65	3.91	10.42	175.98	20.78	102.57	0.00	1.60	137.79	135.93	-29.25	407.62	0.00	407.62	56.04	463.65	50.00

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/May/2017

Position as on 6.30 Hrs of 22/May/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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After 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.	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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
CPP	SWPGL U-3	135	15/05/2017	02.43		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit 7	500	20/05/2017	15.27	21/05/2017	09.32	Reverse power prot.operated	
MSPGCL	Chandrapur Unit 7	500	21/05/2017	09.42	21/05/2017	12.12	ipt casing different temp.high.	
MSPGCL	Chandrapur Unit 7	500	21/05/2017	15.35	21/05/2017	20.10	under voltage.	
IPP	Adani U-4	660	21/05/2017	22.35		Continued.	Coal Shortage	

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

Statement-VII

Position as on 6.30 Hrs of 22/May/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	22/05/2017	01.39		Continued.	EO	Insulator Replacement Work
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	20/05/2017	21.11	21/05/2017	06.43	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	21/05/2017	18.32		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	01/05/2017	22.55		Continued.	HT	to control line load.
New Koyana - Dabhol - li	IntraState	21/05/2017	07.47	21/05/2017	19.51	PO	insulator replacement.
Chandrapur II - Chandrapur SW Ckt II	IntraState	21/05/2017	15.33	21/05/2017	17.07	T	Distance Protection
Bhusawal-Aurangabad	IntraState	21/05/2017	22.30		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 kv 315 MVA ICT-I @Chandrapur	IntraState	18/05/2017	10.54		Continued.	PO	Pre Monsoon Maintenance Work.
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	18/05/2017	11.04		Continued.	PO	Replacement Of B Phase Unit.
220 KV LINE Outages/Trippings							
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.
Waluj - Jalna 1	IntraState	08/05/2017	08.35		Continued.	PO	make lilo arrangement for newly const.
Nagar-Bose I	IntraState	20/05/2017	17.12	21/05/2017	01.39	T	Distance Protection
Nagar-Bose II	IntraState	20/05/2017	22.38	21/05/2017	01.27	EO	To attend Fault on Nagar-Bothe-I (M/C Tower)
Kalwa Salsette III	IntraState	21/05/2017	08.50	21/05/2017	17.19	PO	opgw stringing work.
Parli New Tps - Beed Ckt 2	IntraState	21/05/2017	12.15	21/05/2017	13.45	T	Distance Protection
Nanded-Waghale II	IntraState	21/05/2017	13.08	21/05/2017	17.55	PO	Stringing work
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)
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	21/05/2017	08.40	21/05/2017	11.45	PO	pre monsoon maintenance work.

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