

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Apr/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.712	3362.338	1) Gujrat	-0.889	15.774
2) Hydro	6.660	372.552	2) Madhya Pradesh	12.917	245.326
3) Gas	10.676	219.380	3) Chattisgarh	6.740	118.640
Total MSPGCL	167.048	3954.270	4) Maharashtra Net	147.317	2930.985
B) 1) APML	51.101	1058.528	5) Goa (Amona)	-0.704	-13.858
2) JSWEL	24.176	465.347	Total	165.381	3296.867
3) VIPL	7.041	224.361	a) Mumbai Schedule	23.147	559.575
4) RPL(AMT)	9.380	463.636	b) Mumbai Drawl	28.519	617.686
5) WPCL	2.772	78.289	c) MSEDCL Bilateral *	47.268	777.753
6) PGPL	0.000	0.000	Include PX	21.582	111.876
7) Other IPP	3.669	81.797	d) Mumbai Bilateral *	23.147	559.575
C) 1) TPCL Thermal	14.222	349.054	Include PX	6.344	139.066
2) TPCL Hydro	3.798	85.374	Include Standby	0.000	0.000
3) TPCL Gas	4.490	98.926	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.559	252.715	1) MSEDCL	424.210	9371.035
D) STATE			2) Mumbai Discoms	62.588	1403.758
1) Thermal	273.632	6336.065	TOTAL STATE	486.798	10774.793
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	10.458	457.926			
3) Gas (A3+B6+C3)	15.166	318.306			
4) Wind	20.401	331.051			
6) SOLAR	1.760	34.575			
TOTAL STATE	321.417	7477.923			

* 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 5 Hrs
MSPGCL Thermal	6536	6576	5709	6337
MSPGCL Hydro	415	379	274	110
MSPGCL Gas	428	425	445	453
MSPGCL Total Generation	7379	7380	6428	6900
Central Sector Receipt	8017	7844	6426	6141
WIND	510	553	1038	1091
CPP / IPP Thermal	4075	4017	4241	4056
CPP / IPP Gas	0	0	0	0
SOLAR	237	241	0	0
Exchange with Mumbai	-1435	-1355	-1186	-896
MSEDCL DEMAND MET	18783	18680	16947	17292
Load Shedding	0	0	0	0
MSEDCL DEMAND	18783	18680	16947	17292
TPCL GENERATION	1083	1188	1181	697
R-INFRA GENERATION	498	502	466	505
MUMBAI DEMAND	3016	3045	2833	2098
STATE DEMAND MET	21799	21725	19780	19390
STATE DEMAND	21799	21725	19780	19390
Frequency (Hz)	50.01	50.01	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.03 Hrs	49.79 Hz at 22.08 Hrs	50.01	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 22/Apr/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	3.17	76.40	172	0
Unit 8	0.00	248.11	0	0
Unit 9	12.43	258.64	598	445
Unit 10	9.50	98.96	632	0
Total	25.09	682.11		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.10	89.18	175	160
Unit 4	11.46	212.88	500	355
Unit 5	11.48	214.08	500	360
Total	27.04	516.14		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.68	128.22	249	200
Unit 7	5.59	103.22	245	194
Unit 8	4.80	24.53	225	160
Total	16.07	255.96		
Chandrapur				
Unit 3	4.33	95.82	195	160
Unit 4	4.64	102.76	196	192
Unit 5	10.63	190.31	450	425
Unit 6	9.63	218.04	415	382
Unit 7	0.00	0.00	0	0
Unit 8	10.24	191.88	460	404
Unit 9	0.00	147.02	0	0
Total	39.48	945.84		
Paras				
Unit 3	0.00	95.90	0	0
Unit 4	5.86	114.14	252	200
Total	5.86	210.04		
Khaparkheda				
Unit 1	4.34	90.23	190	160
Unit 2	4.02	90.46	185	120
Unit 3	4.32	95.28	200	160
Unit 4	4.16	83.68	190	162
Unit 5	10.39	202.18	450	380
Total	27.24	561.83		
Nasik				
Unit 3	0.00	36.00	0	0
Unit 4	4.46	58.82	202	165
Unit 5	4.48	95.60	203	165
Total	8.94	190.42		
Uran				
All Units	10.68	219.38	456	425
Total	10.68	219.38		
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	1.81	40	0
Total	0.20	1.81		
Koyna				
Stage 1-2	2.40	109.22	505	40
Stage 4	1.28	139.67	750	0
Stage 3	0.50	55.38	80	0
Total	4.18	304.28		
Hydro				
KDPH	0.70	13.29	29	29
VTRNA	0.53	11.78	61	0
TILLARI	0.00	2.41	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	4.53	77	0
RNGR+BHTSA	0.29	6.13	13	12
BHANDARDRA	0.48	11.04	42	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.36	10.31	24	12
GHATGHAR	0.00	8.78	0	0
Total	2.48	68.27		
Wind				
Total	20.40	331.05	0	0
Total	20.40	331.05		
CPP				
APML(Mus)	51.10	1058.53	0	0
JSWEL(Mus)	24.18	465.35	0	0
VIPL(Mus)	7.04	224.36	0	0
RPLAMT(Mus)	9.38	463.64	0	0
WPCL(Mus)	2.77	78.29	0	0
Other(Mus)	3.67	81.80	0	0
Total	98.14	2371.96		
SOLAR				
Total	1.76	34.58	0	0
Total	1.76	34.58		
Tata				
Trombay 5	8.95	228.96	490	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.89	63.65	122	103
Trombay 7B	1.60	35.28	68	61
Trombay 8	5.27	120.10	250	197
TATA Hydro	3.80	85.37	390	103
Total	22.51	533.35		
R-INFRA				
DTPS U-1&2	11.56	252.72	507	388
Total	11.56	252.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.71	3362.34	MSPGCL Total	167.05	3954.27
			MSPGCL Thml+Gas	160.39	3581.72	Koyna 1,2 & 4 Total	3.68	248.90
			MSPGCL Hydro	6.66	372.55	State Total	321.42	7477.92

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/Apr/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	6331	405	451	7187	1178	4236	0	0	6096	6084	-1160	17525	0	17525	2648	20173	50.01
2	6406	212	453	7071	1300	4174	0	0	5935	6115	-1111	17549	0	17549	2471	20020	50.04
3	6379	105	452	6936	1311	4002	0	0	6022	5921	-1045	17125	0	17125	2265	19390	50.10
4	6353	115	454	6922	1236	4031	0	0	5863	6006	-953	17242	0	17242	2153	19395	50.02
5	6337	110	453	6900	1091	4056	0	0	5832	6141	-896	17292	0	17292	2098	19390	50.01
6	6372	134	456	6962	885	4058	0	0	6764	6526	-920	17511	0	17511	2121	19632	50.02
7	6377	139	455	6971	862	4049	0	8	7029	7191	-884	18197	0	18197	2098	20295	50.04
8	6451	139	453	7043	519	4042	0	51	7274	7400	-890	18165	0	18165	2148	20313	50.07
9	6504	152	453	7109	448	4029	0	105	7025	7148	-1013	17826	0	17826	2383	20209	50.06
10	6599	175	447	7221	490	4072	0	180	7160	7087	-1084	17966	0	17966	2569	20535	50.00
11	6545	218	445	7208	534	4056	0	222	7745	7496	-1371	18145	0	18145	2892	21037	50.00
12	6536	415	428	7379	510	4075	0	237	7881	8017	-1435	18783	0	18783	3016	21799	50.01
13	6576	379	425	7380	553	4017	0	241	7897	7844	-1355	18680	0	18680	3045	21725	50.01
14	6485	110	440	7035	657	4039	0	223	8020	7945	-1283	18616	0	18616	2827	21443	50.02
15	6508	110	439	7057	895	4024	0	199	8054	7741	-1583	18333	0	18333	2924	21257	49.99
16	6546	105	429	7080	1035	4053	0	154	7995	7739	-1561	18500	0	18500	3004	21504	49.99
17	6273	133	434	6840	1226	4011	0	98	7859	7494	-1632	18037	0	18037	2944	20981	50.07
18	5571	161	442	6174	1181	3956	0	37	7118	7159	-1566	16941	0	16941	2861	19802	49.99
19	5272	207	432	5911	1143	3990	0	5	6686	6598	-1416	16231	0	16231	2750	18981	50.03
20	5709	274	445	6428	1038	4241	0	0	6040	6426	-1186	16947	0	16947	2833	19780	49.98
21	5804	292	446	6542	765	4246	0	0	5775	6394	-1075	16872	0	16872	2694	19566	49.96
22	5899	376	448	6723	655	4247	0	0	5810	6315	-1066	16874	0	16874	2639	19513	49.91
23	5909	793	447	7149	467	4211	0	0	5796	6265	-1030	17062	0	17062	2625	19687	49.94
24	5970	1401	449	7820	422	4228	0	0	6225	6329	-1004	17795	0	17795	2580	20375	49.99
MUs	149.71	6.66	10.68	167.05	20.40	98.14	0.00	1.76	163.90	165.38	-28.52	424.21	0.00	424.21	62.59	486.80	50.01

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 22/Apr/2017

Position as on 6.30 Hrs of 23/Apr/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	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under 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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Nasik Unit 3	210	09/04/2017	15.50		Continued.	tripped on boiler feed pump problem and continued under zero schedule by MSEDCL	
IPP	VIPL U-1	300	13/04/2017	03.34		Continued.	Boiler Tube Leakage	
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	16/04/2017	00.01	23/04/2017	21.01	Ash Handling Problem.	
MSPGCL	Chandrapur Unit 9	500	16/04/2017	20.10		Continued.	Air preheater problem.	
MSPGCL	Paras Unit 3	250	17/04/2017	07.12		Continued.	Turbine bearing Vabration high	
IPP	Adani U-1	660	18/04/2017	13.12		Continued.	Due to coal shortage.	
IPP	RPL(AMT) U-3	270	19/04/2017	19.30		Continued.	Coal Shortage	
MSPGCL	Koradi Unit-8	660	20/04/2017	13.34		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Apr/2017

Position as on 6.30 Hrs of 23/Apr/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 10	660	22/04/2017	17.29	22/04/2017	21.17	Boiler Feed Pump Tripped	
MSPGCL	Koradi Unit 7	210	22/04/2017	17.53	22/04/2017	22.31	Station Board Cable Fault	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 23/Apr/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							
Kolhapur Solapur (PG) II	InterState	21/04/2017	14.24	22/04/2017	17.45	T	Main Bus-I Tripped due to Heavy Sparking on Line Isolator at Kolhapur
Dhule Sar'Sarovar II	InterState	21/04/2017	18.48	22/04/2017	07.17	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	22/04/2017	18.08	23/04/2017	07.56	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	23/04/2017	18.08		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	21/04/2017	08.43	22/04/2017	08.43	PO	Cold washing work(RFC 17.22Hrs)
Bhusawal-Aurangabad	IntraState	21/04/2017	18.22	22/04/2017	06.29	HT	Over Voltage
Warora -IEPL	IntraState	22/04/2017	10.13	22/04/2017	20.48	PO	Line Maintenance work
Parly(MS)- Nanded ckt II	IntraState	22/04/2017	13.30	22/04/2017	16.16	PO	Nut Bolt Tightening work
Bhusawal-Aurangabad	IntraState	22/04/2017	18.22	23/04/2017	06.23	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	23/04/2017	13.11	23/04/2017	15.58	T	Distance Protection
Bhusawal-Aurangabad	IntraState	23/04/2017	19.51		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	27/03/2017	12.58		Continued.	PO	Dismantling Work And Will Be Transport At Padgha.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	23/04/2017	08.35	23/04/2017	16.29	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	22/04/2017	09.00	22/04/2017	16.49	PO	Line Maintenance 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.
Ghodbunder MSETCL Boisar line	IntraState	20/04/2017	09.07		Continued.	PO	Stringing of Conductor.
Siemens - Mahape	IntraState	21/04/2017	08.37	22/04/2017	23.27	PO	Reliance GIS gantry Erection work
Kharghar-Borivali ckt II	IntraState	22/04/2017	07.30	22/04/2017	19.08	PO	Reliance GIS Gantry Safety Purpose
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	22/04/2017	10.25	22/04/2017	17.30	PO	Cold Line Washing
Eklahare (Gcr) - Ghatghar	IntraState	22/04/2017	10.58	22/04/2017	22.05	T	CC Jumper Broken at Ghatghar End.
Kalwa Salsette III	IntraState	22/04/2017	22.52	23/04/2017	02.51	PO	Commissioning of UFR
Kalwa-Salsette-IV	IntraState	23/04/2017	03.28	23/04/2017	05.40	T	For Commissioning RPUF.
Khaparkheda-Kanhan	IntraState	23/04/2017	13.51	23/04/2017	14.15	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 100 Mva Vijai Ict 2 @Virur	IntraState	22/04/2017	09.40	22/04/2017	11.45	PO	Tan Delta Measurment of CTs
220/132 Kv 100 Mva Ict 1 @Sawangi	IntraState	22/04/2017	10.15	22/04/2017	18.51	PO	Attending Oil Leakage
220/132kv 200MVA ICT-III @ Nanded	IntraState	22/04/2017	10.24		Continued.	PO	Oil Filtration of ICT
220/132 Kv 100 Mva Ict 1 @Sawangi	IntraState	23/04/2017	06.23	23/04/2017	14.00	PO	Oil Leakage & Cold Weiding Works.
132 KV LINE Outages/Trippings							
Kanhan-Mouda	IntraState	22/04/2017	09.10	22/04/2017	09.36	T	Distance Protection

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