

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Apr/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.111	2290.659	1) Gujrat	-5.139	-108.852
2) Hydro	5.661	242.039	2) Madhya Pradesh	16.600	314.869
3) Gas	10.553	223.443	3) Chattisgarh	7.200	170.010
Total MSPGCL	135.325	2756.141	4) Maharashtra Net	94.141	2244.425
B) 1) APML	48.297	1390.503	5) Goa (Amona)	-0.472	-11.352
2) JSWEL	22.520	583.152	6) TAPS 1&2 Injection	3.734	75.781
3) VIPL	11.511	277.509	7) RGPPL Injection	11.604	256.118
4) RPL(AMT)	14.385	350.022	8) Pench (MS)	0.033	2.818
5) WPCL	4.320	99.166	9) Pench (Excess)	-0.033	-2.818
6) Other IPP	6.281	158.750	Total	127.635	2938.181
C) 1) TPCL Thermal	15.174	347.988	a) Mumbai Schedule	28.245	603.752
2) TPCL Hydro	2.982	69.739	b) Mumbai Drawl	33.787	686.594
3) TPCL Gas	3.833	87.947	c) MSEDCL Bilateral *	32.916	707.522
4) R-INFRA Thermal	5.307	127.613	Include PX	-0.711	-65.881
D) STATE			d) Mumbai Bilateral *	28.245	603.752
1) Thermal	246.906	5625.362	Include PX	7.037	144.648
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.643	311.778	H) ENERGY CATERED (MUs)		
3) Gas	14.386	311.390	1) MSEDCL	363.409	8183.773
4) Wind	25.482	287.869	2) Mumbai Discoms	61.083	1319.887
6) SOLAR	1.440	29.074	TOTAL STATE	424.492	9503.660
TOTAL STATE	296.857	6565.473			

* 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 3 Hrs
MSPGCL Thermal	5632	5019	4746	4781
MSPGCL Hydro	365	134	651	81
MSPGCL Gas	412	419	451	453
MSPGCL Total Generation	6409	5572	5848	5315
Central Sector Receipt	5774	5069	5725	5116
WIND	846	1272	936	1005
CPP / IPP	4733	4417	4138	4650
SOLAR	169	192	0	0
Exchange with Mumbai	-1662	-1651	-1597	-1130
MSEDCL DEMAND MET	16269	14871	15050	14956
Load Shedding	0	0	0	0
MSEDCL DEMAND	16269	14871	15050	14956
TPCL GENERATION	1070	1134	955	697
R-INFRA GENERATION	238	259	202	202
MUMBAI DEMAND	2970	3044	2754	2029
STATE DEMAND MET	19239	17915	17804	16985
STATE DEMAND	19239	17915	17804	16985
Frequency (Hz)	50.01	49.97	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.01 Hrs	49.78 Hz at 22.47 Hrs	49.98	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/2016

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	0.00	0	0
Unit 8	8.65	61.74	365	360
Total	8.65	61.74		
Bhusawal				
Unit 2	3.44	80.90	160	130
Unit 3	3.94	78.72	180	160
Unit 4	8.87	229.36	460	355
Unit 5	8.90	232.90	480	355
Total	25.14	621.88		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.28	99.09	202	163
Unit 4	4.22	77.46	195	160
Unit 5	9.44	221.76	445	365
Unit 6	9.84	50.61	481	360
Unit 7	9.30	199.45	450	345
Total	37.06	648.37		
Paras				
Unit 3	5.30	122.74	258	190
Unit 4	5.45	116.44	263	192
Total	10.76	239.18		
Khaparkheda				
Unit 1	3.79	84.28	175	150
Unit 2	3.82	77.74	180	140
Unit 3	3.96	96.53	200	160
Unit 4	4.04	96.83	189	160
Unit 5	9.57	107.12	500	360
Total	25.18	462.49		
Nasik				
Unit 3	4.13	89.68	200	165
Unit 4	4.08	95.49	198	161
Unit 5	4.10	71.82	197	163
Total	12.32	256.98		
Uran				
All Units	10.55	223.44	471	408
Total	10.55	223.44		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.03	2.82	14	0
Total	0.03	2.82		
Koyna				
Stage 1-2	2.59	88.92	460	40
Stage 4	0.38	50.82	200	0
Stage 3	0.44	32.66	152	0
Total	3.41	172.41		
Hydro				
KDPH	0.67	14.33	29	28
VTRNA	0.50	10.91	61	0
TILLARI	0.36	4.78	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	4.09	40	0
RNGR+BHTSA	0.22	4.27	10	9
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.09	15.78	4	3
GHATGHAR	0.19	14.21	110	0
Total	2.25	69.63		
Wind				
Total	25.48	287.87	0	0
Total	25.48	287.87		
CPP				
APML(Mus)	48.30	1390.50	0	0
JSWEL(Mus)	22.52	583.15	0	0
VIPL(Mus)	11.51	277.51	0	0
RPLAMT(Mus)	14.38	350.02	0	0
WPCL(Mus)	4.32	99.17	0	0
Other(Mus)	6.28	158.75	0	0
Total	107.31	2859.10		
SOLAR				
Total	1.44	29.07	0	0
Total	1.44	29.07		
Tata				
Trombay 5	9.52	222.06	462	314
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.40	55.13	116	85
Trombay 7B	1.43	32.82	65	54
Trombay 8	5.65	125.87	248	199
TATA Hydro	2.98	69.74	288	0
Total	21.99	505.67		
R-INFRA				
1-2	5.31	127.61	259	201
Total	5.31	127.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	119.11	2290.66	MSPGCL Total	135.32	2756.14
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	129.66	2514.10	Koyna 1,2 & 4 Total	2.97	139.74
Koradi 9	0.00	0.00	MSPGCL Hydro	5.66	242.04	State Total	296.86	6565.47
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/Apr/2016

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													
1	5077	222	452	5751	1020	4912	0	5571	5781	-1364	16100	0	16100	2376	18476	49.96
2	5027	97	451	5575	1077	4884	0	5457	5067	-1149	15454	0	15454	2169	17623	50.00
3	4781	81	453	5315	1005	4650	0	5289	5116	-1130	14956	0	14956	2029	16985	49.97
4	4755	91	451	5297	1023	4540	0	5143	5320	-1057	15123	0	15123	1926	17049	50.00
5	4726	81	449	5256	1046	4531	0	5134	5437	-1013	15257	0	15257	1883	17140	49.96
6	5027	86	447	5560	1217	4659	0	5202	5596	-1038	15994	0	15994	1940	17934	49.97
7	5512	96	456	6064	863	4923	1	5317	5216	-929	16138	0	16138	1987	18125	50.02
8	5346	81	457	5884	894	4915	36	5412	5000	-1024	15705	0	15705	2093	17798	50.02
9	5164	109	416	5689	870	4778	90	5685	5206	-1369	15264	0	15264	2441	17705	50.00
10	5167	234	408	5809	829	4632	138	5900	6323	-1609	16122	0	16122	2773	18895	49.96
11	5632	365	412	6409	846	4733	169	5936	5774	-1662	16269	0	16269	2970	19239	50.01
12	5263	260	411	5934	1188	4619	197	5981	5342	-1681	15599	0	15599	3074	18673	49.97
13	5019	134	419	5572	1272	4417	192	5921	5069	-1651	14871	0	14871	3044	17915	49.97
14	4865	136	420	5421	1317	4179	188	5371	4936	-1525	14516	0	14516	2922	17438	50.01
15	4783	103	420	5306	1479	4100	166	5162	5211	-1588	14674	0	14674	2959	17633	49.94
16	4772	86	449	5307	1428	4093	137	5918	5412	-1589	14788	0	14788	2984	17772	49.97
17	4757	86	427	5270	1544	4105	87	5222	4896	-1555	14347	0	14347	2957	17304	49.95
18	4805	102	459	5366	1411	4088	36	4955	4550	-1635	13816	0	13816	2902	16718	50.02
19	4735	212	427	5374	1210	4076	3	4223	4606	-1613	13656	0	13656	2723	16379	50.03
20	4746	651	451	5848	936	4138	0	5257	5725	-1597	15050	0	15050	2754	17804	49.96
21	4712	301	444	5457	817	4256	0	5620	5565	-1553	14542	0	14542	2680	17222	49.98
22	4712	397	455	5564	849	4352	0	5310	5698	-1511	14952	0	14952	2542	17494	49.95
23	4743	722	448	5913	670	4303	0	5194	5448	-1484	14850	0	14850	2486	17336	49.93
24	4985	928	471	6384	671	4432	0	5366	5341	-1461	15367	0	15367	2469	17836	49.97
MUs	119.1 1	5.66	10.55	135.33	25.48	107.31	1.44	129.55	127.64	-33.79	363.41	0.00	363.41	61.08	424.49	49.98

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/2016

Position as on 6.30 Hrs of 23/Apr/2016

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 synchronised 07.04.2016 (12.03hrs To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Koyna STG-IV Unit-2	250	19/04/2016	22.00		Continued.	Preventive Maintenance Work	
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 schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
RINFRA-G	REL Unit 2	250	18/03/2016	08.39		Continued.	Stator Earth Fault	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
RGPL	Dabhol 2B	230	07/04/2016	14.02		Continued.	P.M.Work	
MSPGCL	Uran Unit 8	108	08/04/2016	08.40		Continued.	Gas shortage	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	20/04/2016	17.14		Continued.	Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	20/04/2016	20.50		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Koyna Unit 1	75	22/04/2016	07.05	22/04/2016	19.15	Preventive Maintenance Work	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Apr/2016

Position as on 6.30 Hrs of 23/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit-8	660	23/04/2016	02.38		Continued.	ESP And CW Pump Work.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 23/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Akola II- Ektuni (A'bad)	IntraState	22/04/2016	12.42	22/04/2016	1.53	T	Tripped From Ektuni End.
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT II	IntraState	22/04/2016	16.27	22/04/2016	22.06	T	Differential prot Optd , R-PH IPS Tube 400KV Side Opened.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	22/04/2016	00.57	22/04/2016	02.43	PO	Emergency Outage To Repalce Auxilliary Contact Of Cooling System.
Chandrapur - Padghe Hvdc Pole 1	IntraState	22/04/2016	03.15	22/04/2016	05.50	PO	Emergency Outage To Attend DC leakage.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	21/04/2016	18.28		Continued.	PO	P.M Work At SSP End.
Kolhapur Solapur(PG) I	InterState	22/04/2016	17.50		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	04/04/2016	17.27		Continued.	HT	Change Over
karad -kolhapur-II	IntraState	21/04/2016	13.07	22/04/2016	08.51	T	Distance Protection (RFC 16.25Hrs)
Bhusawal-Aurangabad	IntraState	21/04/2016	17.20	22/04/2016	07.37	HT	Over Voltage
karad -kolhapur-I	IntraState	22/04/2016	16.10		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	22/04/2016	17.09		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-I @Talegaon(PG)	InterState	22/04/2016	15.56	22/04/2016	20.25	PO	E/O For Bushing Tan Delta.
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	22/04/2016	08.23	22/04/2016	19.54	PO	PG Isolatr Over Hauling Work.
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	22/04/2016	15.34		Continued.	PO	HV Side Of ICT On Tbc. Hot Line Work.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
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.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshevar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshevar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Pedambe-Nerle	IntraState	11/04/2016	13.10		Continued.	PO	CT Oil Leakage
Kalwa - Borivali	IntraState	18/04/2016	11.20		Continued.	HT	For Controlling Salsett-Borivali L/L
Kalwa-Salsette-VI	IntraState	21/04/2016	08.34		Continued.	HT	To control Salsett-Borivali L/L
Nagar-Bose I	IntraState	21/04/2016	18.28	22/04/2016	04.27	T	Distance Protection
Nagar-Bose II	IntraState	22/04/2016	00.25	22/04/2016	04.43	HT	For safety purpose
Nagothane-Wadkhal II	IntraState	22/04/2016	09.59	22/04/2016	18.11	PO	Y PH.CT Replacement.
Chakan (400kv)-Bridgestone	IntraState	22/04/2016	10.21		Continued.	PO	Stringing Work Of 132KV On M/C Tower.
Bableshevar- Bableshevar-II	IntraState	22/04/2016	11.25	22/04/2016	17.50	PO	Maintenance 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)

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 22/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 23/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-li (Mudshingi)	IntraState	22/04/2016	09.39	22/04/2016	18.11	PO	Testing Work
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	22/04/2016	08.44	22/04/2016	17.03	PO	PM Work.