

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 14/Apr/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	88.254	1358.451	1) Gujrat	-4.412	-62.993
2) Hydro	9.767	157.879	2) Madhya Pradesh	17.182	200.250
3) Gas	10.341	141.469	3) Chattisgarh	8.750	110.990
Total MSPGCL	108.362	1657.799	4) Maharashtra Net	113.846	1455.242
B) 1) APMIL	66.070	918.946	5) Goa (Amona)	-0.516	-7.298
2) JSWEL	27.865	367.887	6) TAPS 1&2 Injection	1.213	47.974
3) VIPL	6.681	172.705	7) RGPPL Injection	11.617	163.658
4) RPL(AMT)	15.692	216.596	8) Pench (MS)	0.089	2.116
5) WPCL	4.506	62.960	9) Pench (Excess)	-0.089	-2.116
6) Other IPP	7.174	106.326	Total	147.591	1905.707
C) 1) TPCL Thermal	16.638	223.561	a) Mumbai Schedule	27.605	379.637
2) TPCL Hydro	2.946	44.880	b) Mumbai Drawl	31.206	425.754
3) TPCL Gas	4.075	56.778	c) MSEDCL Bilateral *	34.982	451.275
4) R-INFRA Thermal	5.973	81.236	Include PX	-2.121	-53.104
D) STATE			d) Mumbai Bilateral *	27.605	379.637
1) Thermal	238.853	3508.668	Include PX	12.626	94.494
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	12.713	202.759	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.416	198.247	1) MSEDCL	367.081	5168.603
4) Wind	12.932	167.288	2) Mumbai Discoms	60.838	832.211
6) SOLAR	1.414	18.143	TOTAL STATE	427.919	6000.814
TOTAL STATE	280.328	4095.105			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4720	4619	4177	4060
MSPGCL Hydro	758	714	570	119
MSPGCL Gas	418	399	421	451
MSPGCL Total Generation	5896	5732	5168	4630
Central Sector Receipt	6657	6519	6010	5481
WIND	295	124	616	768
CPP / IPP	5560	5622	5280	5244
SOLAR	175	163	0	0
Exchange with Mumbai	-1418	-1483	-1356	-1078
MSEDCL DEMAND MET	17165	16677	15718	15045
Load Shedding	0	0	0	0
MSEDCL DEMAND	17165	16677	15718	15045
TPCL GENERATION	1156	1169	1162	814
R-INFRA GENERATION	247	254	258	218
MUMBAI DEMAND	2821	2906	2776	2110
STATE DEMAND MET	19986	19583	18494	17155
STATE DEMAND	19986	19583	18494	17155
Frequency (Hz)	49.95	49.84	49.91	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 19:44 Hrs	49.65 Hz at 19:16 Hrs	49.94	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 14/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	7.29	11.81	351	0
Total	7.29	11.81		
Bhusawal				
Unit 2	3.64	53.49	160	145
Unit 3	0.63	46.50	165	0
Unit 4	10.25	148.93	505	350
Unit 5	10.32	148.41	510	350
Total	24.84	397.34		
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	4.42	62.62	202	163
Unit 4	0.00	47.80	0	0
Unit 5	10.11	141.57	450	370
Unit 6	0.00	0.00	0	0
Unit 7	10.05	120.34	445	360
Total	24.58	372.32		
Paras				
Unit 3	0.00	76.01	258	208
Unit 4	0.00	75.46	258	220
Total	0.00	151.47		
Khaparkheda				
Unit 1	4.08	53.08	185	155
Unit 2	0.00	50.26	0	0
Unit 3	4.39	61.68	203	159
Unit 4	4.40	62.93	207	160
Unit 5	10.29	20.78	505	365
Total	23.16	248.73		
Nasik				
Unit 3	4.20	60.56	200	160
Unit 4	4.18	60.12	198	155
Unit 5	0.00	56.09	198	100
Total	8.38	176.78		
Uran				
All Units	10.34	141.47	467	387
Total	10.34	141.47		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.09	2.12	22	0
Total	0.09	2.12		
Koyna				
Stage 1-2	3.97	60.08	505	40
Stage 4	1.04	31.08	273	0
Stage 3	1.19	21.13	160	0
Total	6.20	112.29		
Hydro				
KDPH	0.71	9.54	30	29
VTRNA	0.46	7.05	61	0
TILLARI	0.36	2.40	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	2.62	80	0
RNGR+BHTSA	0.22	2.78	11	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.80	11.54	34	33
GHATGHAR	0.82	8.40	125	0
Total	3.56	45.59		
Wind				
Total	12.93	167.29	0	0
Total	12.93	167.29		
CPP				
APML(Mus)	66.07	918.95	0	0
JSWEL(Mus)	27.86	367.89	0	0
VIPL(Mus)	6.68	172.70	0	0
RPLAMT(Mus)	15.69	216.60	0	0
WPCL(Mus)	4.51	62.96	0	0
Other(Mus)	7.17	106.33	0	0
Total	127.99	1845.42		
SOLAR				
Total	1.41	18.14	0	0
Total	1.41	18.14		
Tata				
Trombay 5	10.92	143.51	491	315
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.58	35.63	120	71
Trombay 7B	1.50	21.15	66	52
Trombay 8	5.71	79.99	246	197
TATA Hydro	2.95	44.88	330	29
Total	23.66	325.22		
R-INFRA				
1-2	5.97	81.24	260	201
Total	5.97	81.24		

* 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	88.25	1358.45	MSPGCL Total	108.36	1657.80
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	98.60	1499.92	Koyna 1,2 & 4 Total	5.01	91.16
Koradi 9	0.00	0.00	MSPGCL Hydro	9.77	157.88	State Total	280.33	4095.10
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 14/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	4368	124	441	4933	832	5411	0	6127	6214	-1356	16034	0	16034	2514	18548	49.92
2	4141	119	463	4723	842	5320	0	5884	5808	-1121	15572	0	15572	2289	17861	49.90
3	4060	119	451	4630	768	5244	0	5969	5481	-1078	15045	0	15045	2110	17155	49.94
4	3947	119	462	4528	767	5057	0	5872	5952	-1103	15201	0	15201	1994	17195	49.93
5	4029	129	452	4610	706	5042	0	5850	5959	-1060	15257	0	15257	1953	17210	49.91
6	4243	114	466	4823	819	5196	0	5961	5865	-1018	15685	0	15685	1987	17672	49.95
7	4660	129	459	5248	650	5233	0	5943	6139	-846	16424	0	16424	2004	18428	50.02
8	4675	129	467	5271	468	5284	38	5936	5863	-879	16045	0	16045	2085	18130	50.00
9	4682	132	443	5257	367	5289	95	6015	5945	-1026	15927	0	15927	2342	18269	49.96
10	4758	495	448	5701	331	5386	138	6275	6414	-1300	16670	0	16670	2597	19267	49.97
11	4720	758	418	5896	295	5560	175	6383	6657	-1418	17165	0	17165	2821	19986	49.95
12	4714	771	437	5922	161	5580	185	6469	6528	-1544	16832	0	16832	2937	19769	49.95
13	4731	705	430	5866	58	5531	189	6486	6349	-1535	16458	0	16458	2935	19393	49.97
14	4696	619	411	5726	47	5546	178	6413	6620	-1492	16625	0	16625	2865	19490	49.92
15	4619	714	399	5732	124	5622	163	6405	6519	-1483	16677	0	16677	2906	19583	49.84
16	4675	761	414	5850	255	5560	135	6426	6307	-1479	16628	0	16628	2936	19564	49.90
17	4615	303	418	5336	434	5499	80	6427	6614	-1517	16446	0	16446	2910	19356	49.94
18	3987	132	411	4530	529	5085	36	6359	6681	-1430	15431	0	15431	2843	18274	49.95
19	3905	234	418	4557	571	4937	2	6274	5729	-1439	14357	0	14357	2714	17071	49.98
20	4177	570	421	5168	616	5280	0	6338	6010	-1356	15718	0	15718	2776	18494	49.91
21	4148	229	434	4811	807	5360	0	6209	5902	-1364	15516	0	15516	2596	18112	49.92
22	3778	771	403	4952	786	5306	0	5671	5797	-1418	15423	0	15423	2595	18018	49.96
23	3819	935	387	5141	793	5271	0	5730	6231	-1466	15970	0	15970	2539	18509	49.88
24	3992	656	388	5036	906	5388	0	6066	6007	-1478	15859	0	15859	2590	18449	49.91
MUs	104.14	9.77	10.34	124.25	12.93	127.99	1.41	147.49	147.59	-31.21	382.97	0.00	382.97	60.84	443.80	49.94

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 14/Apr/2016

Position as on 6.30 Hrs of 15/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	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPP	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPP	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPP	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	
RGPP	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	Chandrapur Unit 6	500	05/03/2016	10.15		Continued.	Turbine bearing Vabration high	
MSPGCL	Koyana 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	
IPP	RPL(AMT) U-5	270	03/04/2016	00.00		Continued.	Zero Shedule By MSEDCL.	
RGPP	Dabhol 2B	230	07/04/2016	14.02		Continued.	P.M.Work	
IPP	RPL(AMT) U-4	270	08/04/2016	04.02		Continued.	Zero Schedule by MSEDCL.	
MSPGCL	Uran Unit 8	108	08/04/2016	08.40		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 4	210	12/04/2016	01.34	15/04/2016	06.10	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	12/04/2016	07.13	14/04/2016	09.16	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Apr/2016

Position as on 6.30 Hrs of 15/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	VIPL U-1	300	12/04/2016	11.00	14/04/2016	22.40	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 2	210	13/04/2016	10.08		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit-8	660	14/04/2016	20.48		Continued.	Generator Protection operated	
MSPGCL	Nasik Unit 5	210	15/04/2016	00.00		Continued.	zero schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 15/Apr/2016

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							
Dhule Sar'Sarovar I	InterState	14/04/2016	18.05		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	04/04/2016	17.27		Continued.	HT	Change Over
karad -kolhapur-I	IntraState	12/04/2016	16.38	14/04/2016	08.55	T	Bus-I Operated R Pole Breaker of Kolhapur-I Burst @ Karad.
Khadka-Aurangabad (Waluj)	IntraState	14/04/2016	17.35		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	14/04/2016	18.05		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/04/2016	21.58		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
Borivali - Tarapur	InterState	14/04/2016	05.45	14/04/2016	07.51	PO	For Consignment Movement at Tarapur End.
Boisar Tarapur	InterState	14/04/2016	05.50	14/04/2016	08.03	PO	For Consignment Movement at Tarapur End.
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).
Bableshtar - Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshtar - 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
Kharepatan -Pawas Line	IntraState	15/04/2016	02.41		Continued.	T	Distance Protection
Pedhambe - Oni	IntraState	15/04/2016	05.50		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)
220/33kv 50mva T/F 2 Bbl Ptr 2 @Talandage 5 Star Midc,Kagal)	IntraState	14/04/2016	10.38		Continued.	PO	CT tan delta Testing work

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