

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Apr/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.739	679.348	1) Gujrat	-5.094	-22.744
2) Hydro	7.684	67.057	2) Madhya Pradesh	12.485	97.835
3) Gas	10.348	67.807	3) Chattisgarh	8.130	53.900
Total MSPGCL	116.771	814.212	4) Maharashtra Net	102.868	707.371
B) 1) APML	66.435	458.578	5) Goa (Amona)	-0.692	-3.418
2) JSWEL	27.084	179.909	6) TAPS 1&2 Injection	3.797	25.353
3) VIPL	13.433	93.187	7) RGPPL Injection	11.640	82.186
4) RPL(AMT)	17.514	124.305	8) Pench (MS)	0.327	1.566
5) WPCL	4.597	31.648	9) Pench (Excess)	-0.327	-1.566
6) Other IPP	8.042	54.102	Total	132.807	938.917
C) 1) TPCL Thermal	14.762	109.004	a) Mumbai Schedule	28.112	188.086
2) TPCL Hydro	4.758	24.271	b) Mumbai Drawl	31.623	213.444
3) TPCL Gas	3.737	28.573	c) MSEDCL Bilateral *	32.632	225.066
4) R-INFRA Thermal	5.860	40.093	Include PX	-4.670	-22.654
D) STATE			d) Mumbai Bilateral *	28.112	188.086
1) Thermal	256.466	1770.174	Include PX	5.360	38.177
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.442	91.328	H) ENERGY CATERED (MUs)		
3) Gas	14.085	96.380	1) MSEDCL	364.212	2569.214
4) Wind	7.805	79.199	2) Mumbai Discoms	60.740	415.385
6) SOLAR	1.347	8.601	TOTAL STATE	424.952	2984.599
TOTAL STATE	292.145	2045.682			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4302	4313	4060	3831
MSPGCL Hydro	631	272	1193	93
MSPGCL Gas	417	418	423	438
MSPGCL Total Generation	5350	5003	5676	4362
Central Sector Receipt	5988	6350	5388	4822
WIND	140	288	454	272
CPP / IPP	5880	5907	5736	5471
SOLAR	158	131	0	0
Exchange with Mumbai	-1522	-1533	-1335	-975
MSEDCL DEMAND MET	15994	16146	15919	13952
Load Shedding	0	0	0	0
MSEDCL DEMAND	15994	16146	15919	13952
TPCL GENERATION	1273	1238	1145	662
R-INFRA GENERATION	248	256	259	201
MUMBAI DEMAND	3043	3027	2739	1838
STATE DEMAND MET	19037	19173	18658	15790
STATE DEMAND	19037	19173	18658	15790
Frequency (Hz)	49.91	49.94	49.95	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.01 Hrs	49.75 Hz at 00.10 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 07/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	0.00	0.00	0	0
Total	0.00	0.00		
Bhusawal				
Unit 2	3.86	27.06	165	155
Unit 3	4.00	28.17	175	160
Unit 4	10.82	74.44	500	360
Unit 5	10.89	74.56	510	350
Total	29.56	204.24		
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	4.45	30.95	196	167
Unit 4	4.30	30.17	185	167
Unit 5	9.63	70.91	435	320
Unit 6	0.00	0.00	0	0
Unit 7	9.53	59.39	410	371
Total	27.91	191.42		
Paras				
Unit 3	5.89	39.93	257	194
Unit 4	6.04	40.92	260	209
Total	11.93	80.85		
Khaparkheda				
Unit 1	4.01	24.44	175	155
Unit 2	3.90	28.52	175	135
Unit 3	4.37	30.16	193	160
Unit 4	4.28	31.20	191	160
Unit 5	0.00	0.00	0	0
Total	16.57	114.31		
Nasik				
Unit 3	4.25	29.46	200	165
Unit 4	4.24	29.45	199	161
Unit 5	4.27	29.62	210	164
Total	12.76	88.53		
Uran				
All Units	10.35	67.81	450	407
Total	10.35	67.81		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.33	1.57	47	0
Total	0.33	1.57		
Koyna				
Stage 1-2	2.70	25.61	375	40
Stage 4	1.10	8.51	522	0
Stage 3	1.14	8.28	142	0
Total	4.95	42.40		
Hydro				
KDPH	0.37	4.64	16	15
VTRNA	0.56	3.42	61	0
TILLARI	0.24	1.72	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	1.37	40	0
RNGR+BHTSA	0.22	1.51	12	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.81	6.46	34	33
GHATGHAR	0.25	4.28	125	0
Total	2.74	24.66		
Wind				
Total	7.80	79.20	0	0
Total	7.80	79.20		
CPP				
APML(Mus)	66.44	458.58	0	0
JSWEL(Mus)	27.08	179.91	0	0
VIPL(Mus)	13.43	93.19	0	0
RPLAMT(Mus)	17.51	124.30	0	0
WPCL(Mus)	4.60	31.65	0	0
Other(Mus)	8.04	54.10	0	0
Total	137.10	941.73		
SOLAR				
Total	1.35	8.60	0	0
Total	1.35	8.60		
Tata				
Trombay 5	9.01	69.21	439	187
Trombay 6	0.06	0.06	60	60
Trombay 7A	2.30	17.90	114	83
Trombay 7B	1.43	10.67	66	56
Trombay 8	5.69	39.74	246	198
TATA Hydro	4.76	24.27	443	21
Total	23.26	161.85		
R-INFRA				
1-2	5.86	40.09	260	201
Total	5.86	40.09		

* 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	98.74	679.35	MSPGCL Total	116.77	814.21
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	109.09	747.16	Koyna 1,2 & 4 Total	3.80	34.12
Koradi 9	0.00	0.00	MSPGCL Hydro	7.68	67.06	State Total	292.14	2045.68
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/Apr/2016

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	3720	423	447	4590	524	5262	0	5307	5527	-1273	14630	0	14630	2285	16915	49.86
2	3850	103	438	4391	362	5511	0	5338	4970	-1124	14110	0	14110	2078	16188	49.89
3	3831	103	449	4383	363	5520	0	5172	5035	-1042	14259	0	14259	1935	16194	49.94
4	3831	93	438	4362	272	5471	0	5120	4822	-975	13952	0	13952	1838	15790	49.94
5	3804	103	449	4356	307	5395	0	4932	5013	-957	14114	0	14114	1820	15934	49.93
6	3990	104	450	4544	448	5495	0	5264	4994	-919	14562	0	14562	1890	16452	49.90
7	4201	114	447	4762	280	5742	0	5493	5344	-906	15222	0	15222	1994	17216	49.99
8	4325	104	444	4873	197	5789	31	5582	5519	-1013	15396	0	15396	2099	17495	49.98
9	4321	170	434	4925	154	5815	76	5815	5528	-1295	15203	0	15203	2464	17667	49.95
10	4319	308	424	5051	129	5835	132	6035	5997	-1500	15644	0	15644	2820	18464	49.92
11	4302	631	417	5350	140	5880	158	6079	5988	-1522	15994	0	15994	3043	19037	49.91
12	4286	479	417	5182	102	5890	172	6090	5855	-1576	15625	0	15625	3130	18755	49.91
13	4338	299	407	5044	118	5900	197	6064	6060	-1531	15788	0	15788	3130	18918	49.93
14	4349	232	415	4996	108	5866	167	6001	6018	-1501	15654	0	15654	2996	18650	49.95
15	4310	232	418	4960	209	5916	168	6057	5866	-1521	15598	0	15598	3025	18623	49.87
16	4313	272	418	5003	288	5907	131	6093	6350	-1533	16146	0	16146	3027	19173	49.94
17	4233	417	409	5059	319	5811	85	5620	5923	-1535	15662	0	15662	3002	18664	49.96
18	3899	227	430	4556	463	5585	29	5423	5540	-1475	14698	0	14698	2887	17585	49.99
19	3653	390	421	4464	459	5313	1	5345	5724	-1366	14595	0	14595	2715	17310	49.96
20	4060	1193	423	5676	454	5736	0	5344	5388	-1335	15919	0	15919	2739	18658	49.95
21	4242	484	427	5153	575	5897	0	5362	5356	-1284	15697	0	15697	2621	18318	49.93
22	4247	302	436	4985	534	5869	0	5317	5279	-1365	15302	0	15302	2358	17660	49.96
23	4181	351	449	4981	477	5838	0	5349	5449	-1548	15197	0	15197	2418	17615	49.98
24	4134	550	441	5125	523	5861	0	5227	5258	-1527	15240	0	15240	2426	17666	49.95
MUs	98.74	7.68	10.35	116.77	7.81	137.11	1.35	133.43	132.80	-31.62	364.21	0.00	364.21	60.74	424.95	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 07/Apr/2016

Position as on 6.30 Hrs of 08/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	
MSPGCL	Khaparkheda Unit 5	500	15/03/2016	01.12		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		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	Chandrapur Unit 6	500	05/03/2016	10.15		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit-8	660	10/03/2016	12.30		Continued.	Ash Evacuation problem	
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	
IPP	RPL(AMT) U-1	270	20/03/2016	00.00		Continued.	Zero schedule by MSEDCL	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
MSPGCL	Uran Unit 6	108	01/04/2016	00.14		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	03/04/2016	00.00		Continued.	Zero Shedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Apr/2016

Position as on 6.30 Hrs of 08/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
RGPPL	Dabhol 2A	230	03/04/2016	17.31	07/04/2016	10.51	Purge Valve Problem	
MSPGCL	Koyna Unit 1	75	06/04/2016	21.30		Continued.	Diff.Prot.Trip.	
IPP	RPL(AMT) U-4	270	08/04/2016	04.02		Continued.	Zero Schedule by MSEDCL.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 08/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							
Kolhapur Solapur(PG) I	InterState	06/04/2016	17.15	07/04/2016	06.50	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/04/2016	17.15	07/04/2016	10.26	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	07/04/2016	17.16		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	04/04/2016	17.27		Continued.	HT	Change Over
Karad - Jaigad - II	IntraState	06/04/2016	17.02	07/04/2016	09.30	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/04/2016	17.13	07/04/2016	09.10	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	06/04/2016	18.24	07/04/2016	06.45	T	Distance Protection, B Ph Line Isolator Jumper Opened.
karad -kolhapur-II	IntraState	06/04/2016	18.32	07/04/2016	16.00	T	Distance Protection
Koradi 2-IEPL	IntraState	06/04/2016	19.50	07/04/2016	08.28	T	While Taking Koradi-Wardha PG in Service.
Kalwa - Kharghar	IntraState	07/04/2016	05.12	07/04/2016	06.31	T	PDR Operated, Tripped at Kalwa end only.
Chandrapur2-Parali 2 ckt1	IntraState	07/04/2016	10.35	07/04/2016	15.19	PO	Quarterly Maintainance Work
Kalwa - Kharghar	IntraState	07/04/2016	16.27	07/04/2016	18.39	PO	Testing Work
karad -kolhapur-I	IntraState	07/04/2016	16.39		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	07/04/2016	16.41		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/04/2016	17.05		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	07/04/2016	10.01	07/04/2016	14.03	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	06/04/2016	22.45	07/04/2016	03.30	PO	Bus Outage @ Borivali.
Badnera - Deoli (PG)	InterState	07/04/2016	09.55	07/04/2016	16.44	PO	AMP 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 conducting of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
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).
Bableswhar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableswhar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Pandharpur - Malinagar	IntraState	06/04/2016	10.30		Continued.	PO	Main Bus-II Outage @ Pandarpur
Hingoli- Girawali	IntraState	06/04/2016	16.40	07/04/2016	22.29	T	Distance Protection
Tata Borivli MSETCL Borivli 4	IntraState	06/04/2016	22.40	07/04/2016	03.28	PO	Bus Outage @ Borivali.
Kamba-Borivali	IntraState	06/04/2016	22.54	07/04/2016	03.08	PO	Bus Jumper Connection work & Bus Outage at Borivali
Lamboti - Pandharpur li	IntraState	07/04/2016	04.30	07/04/2016	04.57	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	07/04/2016	04.48	07/04/2016	10.48	T	Distance Protection
Salsette Borivli 2	IntraState	07/04/2016	05.05	07/04/2016	07.05	PO	Attending Hot Spot
Pedambe-Pophali	IntraState	07/04/2016	06.25	07/04/2016	15.20	PO	Preventive Maintenance.
Vsnl-512 Khadki	IntraState	07/04/2016	10.04	07/04/2016	16.57	PO	Half yearly maintenance work
Bhigwan- Kurkumbh	IntraState	07/04/2016	10.10	07/04/2016	16.20	PO	Line Maintenance work
Karad -Mudshingi Ckt- IV	IntraState	07/04/2016	16.55	07/04/2016	18.42	PO	Attending Hot Spot

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 07/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 08/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Arey - TPC Borivali	IntraState	08/04/2016	05.45		Continued.	PO	Attending Hot Spot
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 150 MVA ICT II @ Eklahre-Nashik (Gcr)	IntraState	04/04/2016	11.01		Continued.	PO	Oil Filtration work(For 4 Days)