

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Apr/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	90.588	769.936	1) Gujrat	-6.490	-29.234
2) Hydro	6.822	73.879	2) Madhya Pradesh	13.891	111.726
3) Gas	10.262	78.069	3) Chattisgarh	8.070	61.970
Total MSPGCL	107.672	921.884	4) Maharashtra Net	100.898	808.269
B) 1) APML	66.176	524.754	5) Goa (Amona)	-0.540	-3.958
2) JSWEL	26.254	206.163	6) TAPS 1&2 Injection	3.799	29.152
3) VIPL	13.193	106.380	7) RGPPL Injection	11.638	93.824
4) RPL(AMT)	10.651	134.956	8) Pench (MS)	0.058	1.624
5) WPCL	4.265	35.913	9) Pench (Excess)	-0.058	-1.624
6) Other IPP	7.792	61.894	Total	131.208	1070.125
C) 1) TPCL Thermal	13.111	122.115	a) Mumbai Schedule	24.505	212.591
2) TPCL Hydro	1.950	26.221	b) Mumbai Drawl	30.452	243.896
3) TPCL Gas	3.880	32.453	c) MSEDCL Bilateral *	29.059	254.125
4) R-INFRA Thermal	4.944	45.037	Include PX	-6.238	-28.892
D) STATE			d) Mumbai Bilateral *	24.505	212.591
1) Thermal	236.974	2007.148	Include PX	5.296	43.473
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.772	100.100	H) ENERGY CATERED (MUs)		
3) Gas	14.142	110.522	1) MSEDCL	353.305	2922.519
4) Wind	15.207	94.406	2) Mumbai Discoms	54.337	469.722
6) SOLAR	1.339	9.940	TOTAL STATE	407.642	3392.241
TOTAL STATE	276.434	2322.116			

* 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 5 Hrs
MSPGCL Thermal	3914	3870	3431	3644
MSPGCL Hydro	326	167	731	171
MSPGCL Gas	425	418	444	443
MSPGCL Total Generation	4665	4455	4606	4258
Central Sector Receipt	5949	5980	5406	5493
WIND	350	205	819	775
CPP / IPP	5363	5403	5260	4997
SOLAR	163	153	0	0
Exchange with Mumbai	-1238	-1312	-1416	-1026
MSEDCL DEMAND MET	15252	14884	14675	14497
Load Shedding	0	0	0	0
MSEDCL DEMAND	15252	14884	14675	14497
TPCL GENERATION	1047	967	872	574
R-INFRA GENERATION	202	201	202	202
MUMBAI DEMAND	2487	2480	2490	1802
STATE DEMAND MET	17739	17364	17165	16299
STATE DEMAND	17739	17364	17165	16299
Frequency (Hz)	49.94	49.89	49.96	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.01 Hrs	49.77 Hz at 19.13 Hrs	49.96	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 08/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	3.83	30.90	165	155
Unit 3	3.98	32.16	170	165
Unit 4	9.82	84.26	500	345
Unit 5	9.81	84.37	500	350
Total	27.44	231.68		
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	4.54	35.49	200	165
Unit 4	4.26	34.43	186	160
Unit 5	9.53	80.44	435	320
Unit 6	0.00	0.00	0	0
Unit 7	4.88	64.26	410	0
Total	23.21	214.63		
Paras				
Unit 3	5.87	45.81	256	200
Unit 4	5.96	46.88	260	202
Total	11.83	92.69		
Khaparkheda				
Unit 1	3.96	28.39	180	155
Unit 2	3.86	32.38	185	110
Unit 3	4.14	34.30	195	160
Unit 4	4.21	35.41	210	160
Unit 5	0.00	0.00	0	0
Total	16.16	130.48		
Nasik				
Unit 3	3.98	33.44	170	160
Unit 4	3.96	33.41	170	155
Unit 5	4.00	33.62	171	162
Total	11.94	100.46		
Uran				
All Units	10.26	78.07	446	364
Total	10.26	78.07		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.06	1.62	25	0
Total	0.06	1.62		
Koyna				
Stage 1-2	3.88	29.50	520	40
Stage 4	0.23	8.73	144	0
Stage 3	0.33	8.61	80	0
Total	4.44	46.84		
Hydro				
KDPH	0.61	5.24	30	15
VTRNA	0.57	3.99	61	0
TILLARI	0.00	1.72	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	1.65	40	0
RNGR+BHTSA	0.22	1.73	12	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.70	7.17	30	29
GHATGHAR	0.00	4.28	0	0
Total	2.38	27.04		
Wind				
Total	15.21	94.41	0	0
Total	15.21	94.41		
CPP				
APML(Mus)	66.18	524.75	0	0
JSWEL(Mus)	26.25	206.16	0	0
VIPL(Mus)	13.19	106.38	0	0
RPLAMT(Mus)	10.65	134.96	0	0
WPCL(Mus)	4.26	35.91	0	0
Other(Mus)	7.79	61.89	0	0
Total	128.33	1070.06		
SOLAR				
Total	1.34	9.94	0	0
Total	1.34	9.94		
Tata				
Trombay 5	7.65	76.86	447	183
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.41	20.31	114	89
Trombay 7B	1.47	12.14	66	57
Trombay 8	5.46	45.19	245	198
TATA Hydro	1.95	26.22	209	0
Total	18.94	180.79		
R-INFRA				
1-2	4.94	45.04	259	201
Total	4.94	45.04		

* 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	90.59	769.94	MSPGCL Total	107.67	921.88
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	100.85	848.00	Koyna 1,2 & 4 Total	4.11	38.23
Koradi 9	0.00	0.00	MSPGCL Hydro	6.82	73.88	State Total	276.43	2322.12
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	4157	400	441	4998	683	5797	0	4966	5235	-1370	15343	0	15343	2243	17586	49.92
2	4036	155	430	4621	781	5716	0	5451	5019	-1226	14911	0	14911	2076	16987	49.99
3	3724	101	441	4266	839	5436	0	5486	5387	-1142	14786	0	14786	1913	16699	49.99
4	3715	96	433	4244	806	5354	0	5465	5138	-1060	14482	0	14482	1830	16312	49.96
5	3644	171	443	4258	775	4997	0	5424	5493	-1026	14497	0	14497	1802	16299	49.93
6	3818	541	444	4803	823	5119	0	5399	5521	-1047	15219	0	15219	1852	17071	49.95
7	3882	576	439	4897	904	5317	1	5512	5447	-1060	15506	0	15506	1866	17372	50.00
8	4150	331	431	4912	663	5373	34	5526	5445	-1042	15385	0	15385	1904	17289	50.01
9	4246	171	393	4810	570	5366	82	5610	5482	-1119	15191	0	15191	2102	17293	49.98
10	4226	201	364	4791	433	5382	133	5741	5466	-1208	14997	0	14997	2334	17331	49.96
11	3914	326	425	4665	350	5363	163	5879	5949	-1238	15252	0	15252	2487	17739	49.94
12	3909	331	420	4660	191	5343	179	6035	6163	-1353	15183	0	15183	2554	17737	49.95
13	3686	339	415	4440	91	5329	191	6019	6080	-1337	14794	0	14794	2556	17350	49.94
14	3876	195	418	4489	42	5342	182	5974	5996	-1272	14779	0	14779	2451	17230	49.96
15	3870	167	418	4455	205	5403	153	5887	5980	-1312	14884	0	14884	2480	17364	49.89
16	3813	235	417	4465	387	5393	116	5886	5741	-1313	14789	0	14789	2496	17285	49.93
17	3836	239	421	4496	696	5360	71	5290	5261	-1327	14557	0	14557	2454	17011	49.98
18	3494	146	417	4057	596	5173	32	4980	4757	-1302	13313	0	13313	2378	15691	49.98
19	3280	242	446	3968	644	4829	2	4885	5031	-1387	13087	0	13087	2367	15454	49.96
20	3431	731	444	4606	819	5260	0	5087	5406	-1416	14675	0	14675	2490	17165	49.96
21	3465	366	434	4265	1069	5419	0	5082	5161	-1474	14440	0	14440	2513	16953	49.95
22	3465	161	441	4067	952	5451	0	4991	5140	-1422	14188	0	14188	2419	16607	49.97
23	3484	296	444	4224	938	5435	0	5097	5268	-1478	14387	0	14387	2365	16752	49.94
24	3467	305	443	4215	950	5376	0	5269	5640	-1521	14660	0	14660	2405	17065	49.94
MUs	90.59	6.82	10.26	107.67	15.21	128.33	1.34	130.94	131.21	-30.45	353.30	0.00	353.30	54.34	407.64	49.96

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 08/Apr/2016

Position as on 6.30 Hrs of 09/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	08/04/2016	06.50	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 08/Apr/2016

Position as on 6.30 Hrs of 09/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 7	500	08/04/2016	12.29		Continued.	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 09/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	07/04/2016	17.16		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	04/04/2016	17.27		Continued.	HT	Change Over
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
Padghe - Talegaon (PG)	IntraState	08/04/2016	08.39	08/04/2016	17.46	PO	Dignostic testing work
Nagothane - Dabhol-II	IntraState	08/04/2016	14.06		Continued.	T	Distance Protection
220 KV LINE Outages/Trippings							
Vasai Boiser(PG)	InterState	08/04/2016	10.56	08/04/2016	14.56	PO	B ph flash Insulator String Replacement
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.
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
Arey - TPC Borivali	IntraState	08/04/2016	05.45	08/04/2016	08.36	PO	Attending Hot Spot
Apta - Taloja	IntraState	08/04/2016	07.53	08/04/2016	18.47	PO	Replacement of OLD Tower
Kalmeshwar-Pandhurna	IntraState	08/04/2016	09.47	08/04/2016	13.38	PO	Replacement work
Apta - Kalwa	IntraState	08/04/2016	10.25		Continued.	PO	Replacement of OLD Tower
Chitegaon-Shendra Ckt-I	IntraState	08/04/2016	13.03	08/04/2016	15.22	PO	Stringing of chitegoan shendra ckt 2
Nashik-Airoli Knowledge Park	IntraState	08/04/2016	16.45	08/04/2016	17.51	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 150 MVA ICT II @ Eklahre-Nashik (Gcr)	IntraState	04/04/2016	11.01		Continued.	PO	Oil Filtration work(For 4 Days)

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