

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Apr/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.918	580.609	1) Gujrat	-2.916	-17.650
2) Hydro	8.479	59.373	2) Madhya Pradesh	12.770	85.350
3) Gas	10.364	57.459	3) Chattisgarh	7.670	45.770
Total MSPGCL	117.761	697.441	4) Maharashtra Net	102.702	604.503
B) 1) APML	65.621	392.143	5) Goa (Amona)	-0.936	-2.726
2) JSWEL	26.912	152.825	6) TAPS 1&2 Injection	3.668	21.556
3) VIPL	13.639	79.754	7) RGPPL Injection	11.596	70.546
4) RPL(AMT)	16.940	106.791	8) Pench (MS)	0.205	1.239
5) WPCL	4.712	27.051	9) Pench (Excess)	-0.205	-1.239
6) Other IPP	7.473	46.060	Total	134.349	806.110
C) 1) TPCL Thermal	15.446	94.242	a) Mumbai Schedule	28.856	159.974
2) TPCL Hydro	4.310	19.513	b) Mumbai Drawl	31.093	181.821
3) TPCL Gas	4.021	24.836	c) MSEDCL Bilateral *	30.646	192.434
4) R-INFRA Thermal	6.128	34.233	Include PX	-4.839	-17.984
D) STATE			d) Mumbai Bilateral *	28.856	159.974
1) Thermal	255.789	1513.708	Include PX	6.207	32.817
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	12.789	78.886	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.385	82.295	1) MSEDCL	369.817	2205.002
4) Wind	12.242	71.394	2) Mumbai Discoms	60.998	354.645
6) SOLAR	1.261	7.254	TOTAL STATE	430.815	2559.647
TOTAL STATE	296.466	1753.537			

* 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 23 Hrs
MSPGCL Thermal	4392	4399	3853	3623
MSPGCL Hydro	788	704	532	419
MSPGCL Gas	440	436	436	432
MSPGCL Total Generation	5620	5539	4821	4474
Central Sector Receipt	6167	6095	5383	5345
WIND	157	147	997	461
CPP / IPP	5869	5872	5299	5171
SOLAR	162	193	0	0
Exchange with Mumbai	-1578	-1572	-1519	-1397
MSEDCL DEMAND MET	16397	16274	14981	14054
Load Shedding	0	0	0	0
MSEDCL DEMAND	16397	16274	14981	14054
TPCL GENERATION	1260	1257	1022	821
R-INFRA GENERATION	245	252	254	259
MUMBAI DEMAND	3083	3081	2795	2477
STATE DEMAND MET	19480	19355	17776	16531
STATE DEMAND	19480	19355	17776	16531
Frequency (Hz)	49.98	49.98	49.93	49.82

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18:31 Hrs	49.66 Hz at 22:17 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 06/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	3.90	23.20	175	155
Unit 3	4.04	24.18	180	160
Unit 4	10.62	63.62	510	350
Unit 5	10.65	63.67	510	350
Total	29.20	174.67		
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	4.35	26.49	193	162
Unit 4	4.25	25.87	183	160
Unit 5	9.97	61.28	455	360
Unit 6	0.00	0.00	0	0
Unit 7	9.51	49.86	430	360
Total	28.07	163.51		
Paras				
Unit 3	5.84	34.04	258	205
Unit 4	5.92	34.88	258	195
Total	11.76	68.92		
Khaparkheda				
Unit 1	4.15	20.42	190	155
Unit 2	4.16	24.62	185	155
Unit 3	4.33	25.79	196	160
Unit 4	4.50	26.92	210	160
Unit 5	0.00	0.00	0	0
Total	17.14	97.75		
Nasik				
Unit 3	4.24	25.20	200	160
Unit 4	4.23	25.20	199	161
Unit 5	4.27	25.36	206	163
Total	12.74	75.76		
Uran				
All Units	10.36	57.46	459	353
Total	10.36	57.46		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.20	1.24	44	0
Total	0.20	1.24		
Koyna				
Stage 1-2	2.68	22.91	390	40
Stage 4	1.63	7.40	200	0
Stage 3	0.62	7.14	102	0
Total	4.94	37.45		
Hydro				
KDPH	0.54	4.26	31	15
VTRNA	0.55	2.86	61	0
TILLARI	0.26	1.48	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	1.08	40	0
RNGR+BHTSA	0.19	1.29	13	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.98	5.66	41	40
GHATGHAR	0.77	4.02	247	0
Total	3.54	21.92		
Wind				
Total	12.24	71.39	0	0
Total	12.24	71.39		
CPP				
APML(Mus)	65.62	392.14	0	0
JSWEL(Mus)	26.91	152.82	0	0
VIPL(Mus)	13.64	79.75	0	0
RPLAMT(Mus)	16.94	106.79	0	0
WPCL(Mus)	4.71	27.05	0	0
Other(Mus)	7.47	46.06	0	0
Total	135.30	804.62		
SOLAR				
Total	1.26	7.25	0	0
Total	1.26	7.25		
Tata				
Trombay 5	9.57	60.20	415	368
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.52	15.60	120	82
Trombay 7B	1.50	9.24	67	56
Trombay 8	5.87	34.04	247	243
TATA Hydro	4.31	19.51	438	6
Total	23.78	138.59		
R-INFRA				
1-2	6.13	34.23	260	245
Total	6.13	34.23		

* 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	98.92	580.61	MSPGCL Total	117.76	697.44
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	109.28	638.07	Koyna 1,2 & 4 Total	4.31	30.31
Koradi 9	0.00	0.00	MSPGCL Hydro	8.48	59.37	State Total	296.47	1753.54
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	4300	129	432	4861	406	5780	0	5767	5635	-1171	15511	0	15511	2254	17765	49.99
2	4274	129	433	4836	402	5750	0	5488	5243	-1001	15230	0	15230	2050	17280	49.98
3	4267	129	442	4838	505	5548	0	5144	5021	-844	15068	0	15068	1929	16997	49.97
4	3933	134	433	4500	539	5533	0	5126	5257	-742	15087	0	15087	1838	16925	49.98
5	3907	124	452	4483	431	5504	0	5301	5386	-708	15096	0	15096	1805	16901	49.98
6	3936	159	432	4527	670	5555	0	5517	5628	-780	15600	0	15600	1873	17473	49.94
7	4375	145	446	4966	501	5756	0	5595	5779	-911	16091	0	16091	1993	18084	50.03
8	4401	311	435	5147	377	5791	21	5667	5714	-1033	16017	2	16019	2108	18127	49.99
9	4423	400	459	5282	312	5806	60	5934	5988	-1257	16191	0	16191	2373	18564	50.01
10	4408	495	445	5348	209	5798	129	6114	6084	-1407	16161	0	16161	2693	18854	49.97
11	4421	677	443	5541	186	5806	154	6165	6225	-1458	16454	0	16454	2982	19436	50.01
12	4392	788	440	5620	157	5869	162	6193	6167	-1578	16397	0	16397	3083	19480	49.98
13	4399	704	436	5539	147	5872	193	6155	6095	-1572	16274	0	16274	3081	19355	49.98
14	4367	569	423	5359	141	5860	182	6073	5852	-1556	15838	0	15838	2986	18824	49.98
15	4356	554	420	5330	298	5876	151	6090	6202	-1551	16306	0	16306	3018	19324	49.86
16	4342	518	353	5213	553	5892	115	6101	6162	-1640	16295	0	16295	3054	19349	49.92
17	4250	386	422	5058	789	5884	70	5285	5473	-1604	15670	0	15670	3063	18733	49.95
18	3934	117	423	4474	991	5615	22	5083	4874	-1565	14411	0	14411	2947	17358	50.01
19	3657	221	426	4304	1154	5321	2	4965	4512	-1502	13791	0	13791	2775	16566	50.01
20	3853	532	436	4821	997	5299	0	5259	5383	-1519	14981	0	14981	2795	17776	49.93
21	3819	181	428	4428	973	5577	0	5551	5335	-1479	14834	0	14834	2716	17550	49.94
22	3649	212	434	4295	633	5274	0	5298	5254	-1404	14052	0	14052	2589	16641	49.89
23	3623	419	432	4474	461	5171	0	5455	5345	-1397	14054	0	14054	2477	16531	49.82
24	3632	446	439	4517	410	5157	0	5444	5735	-1414	14405	0	14405	2516	16921	49.87
MUs	98.92	8.48	10.36	117.76	12.24	135.30	1.26	134.77	134.35	-31.09	369.82	0.00	369.82	61.00	430.82	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 06/Apr/2016

Position as on 6.30 Hrs of 07/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,(Converted to AOH for 30 Days from 00.00Hrs 06-03-2016)	
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	Khaparkhedha 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	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	
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.	
RGPL	Dabhol 2A	230	03/04/2016	17.31		Continued.	Purge Valve Problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Apr/2016

Position as on 6.30 Hrs of 07/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Ghatghar Unit-1	125	06/04/2016	03.44	06/04/2016	06.00	Generator Motor Fire Protection Operated.	
MSPGCL	Koyna Unit 1	75	06/04/2016	21.30		Continued.	Diff.Prot.Trip.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 07/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	05/04/2016	17.41	06/04/2016	08.24	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/04/2016	17.15		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	06/04/2016	17.15	07/04/2016	06.50	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	04/04/2016	17.27		Continued.	HT	Change Over
karad -kolhapur-II	IntraState	05/04/2016	16.40	06/04/2016	08.45	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/04/2016	17.28	06/04/2016	12.05	HT	Over Voltage
Karad - Jaigad - II	IntraState	05/04/2016	23.13	06/04/2016	08.46	T	Distance Protection
koaradi II - Wardha(PG)	IntraState	06/04/2016	10.37	06/04/2016	21.19	PO	R.M.Work & Testing Work.
Deepnagar Taptitanda	IntraState	06/04/2016	10.59	06/04/2016	19.13	PO	Circuit Breaker Testing Work.
Babhaleshwar - Bhusawal II	IntraState	06/04/2016	12.01	06/04/2016	12.38	T	Distance Protection
karad -kolhapur-I	IntraState	06/04/2016	16.31	06/04/2016	18.58	HT	Over Voltage
Karad - Jaigad - II	IntraState	06/04/2016	17.02		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/04/2016	17.13		Continued.	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		Continued.	T	Distance Protection
Koradi 2-IEPL	IntraState	06/04/2016	19.50		Continued.	T	While Taking Koradi-Wardha PG in Service.
Warora -IEPL	IntraState	06/04/2016	19.50	06/04/2016	20.20	T	Tripped.
Kalwa - Kharghar	IntraState	07/04/2016	05.12	07/04/2016	06.31	T	PDR Operated, Tripped at Kalwa end only.
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	06/04/2016	22.45	07/04/2016	03.30	PO	Bus Outage @ Borivali.
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).
Babhaleshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Babhaleshwar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Wardha-Yeotmal	IntraState	06/04/2016	05.19	06/04/2016	13.07	PO	For Attending Hot Glow on R Ph CT Line Side Clamp,Change the B Ph Wave Trap,CRM & CB Timing Tandelta Measurment Work.
Salsette Borivli 1	IntraState	06/04/2016	05.24	06/04/2016	06.30	EO	Attending Hot Spot
Kadegaon-Miraj	IntraState	06/04/2016	08.21	06/04/2016	18.21	PO	Reduction of SAG.
Mudshingi-Wathar	IntraState	06/04/2016	09.35	06/04/2016	12.57	PO	Quarterly Maintainance Work
Parli New Tps - Beed Ckt 2	IntraState	06/04/2016	10.02	06/04/2016	15.27	PO	Replacement of Flashover Insulator Disc String.
Lamboti - Pandharpur li	IntraState	06/04/2016	10.30	06/04/2016	16.47	PO	Main Bus-II Outage @ Pandarpur
Pandharpur - Malinagar	IntraState	06/04/2016	10.30		Continued.	PO	Main Bus-II Outage @ Pandarpur
Kanhan - Suryalaxmi	IntraState	06/04/2016	11.04	06/04/2016	11.55	PO	Attending Oil Leakage from Secondary Terminal of B ph CT.
Lamboti - Solapur li(Bale) Ckt- I	IntraState	06/04/2016	11.21	06/04/2016	17.19	PO	Quarterly Maintainance Work

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 06/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 07/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Sadawaghapur Karad Ckt 2	IntraState	06/04/2016	20.00	06/04/2016	21.27	T	Distance Protection
Karad - Sadawagpur I	IntraState	06/04/2016	20.00	06/04/2016	21.10	T	Distance Protection
Sadawaghapur Karad Ckt 2	IntraState	06/04/2016	22.06		Continued.	T	Zone-I R-Y Earth Fault.
Karad - Sadawagpur I	IntraState	06/04/2016	22.06	06/04/2016	23.40	T	Zone-I R-Y Earth Fault.
Tata Borivli MSETCL Borivli 4	IntraState	06/04/2016	22.40	07/04/2016	03.28	PO	Bus Outage @ Borivali.
Lamboti - Pandharpur li	IntraState	07/04/2016	04.30	07/04/2016	04.57	T	Distance Protection
Salsette Borivli 2	IntraState	07/04/2016	05.05		Continued.	PO	Attending Hot Spot
Pedambe-Pophali	IntraState	07/04/2016	06.25		Continued.	PO	Preventive Maintenance.
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)
132 KV LINE Outages/Trippings							
Kalmeshwar-Hingna-II	IntraState	06/04/2016	15.55	06/04/2016	16.10	T	Distance Protection
Gangakhed - Kandhar	IntraState	06/04/2016	17.10	06/04/2016	17.35	T	Distance Protection
Paras-Warwat Bakal	IntraState	06/04/2016	19.01	06/04/2016	19.10	T	Distance Protection
Paranda - Kallamb	IntraState	06/04/2016	20.21	06/04/2016	21.07	T	Distance Protection
Beed (220kv) - Beed (132kv)	IntraState	06/04/2016	22.51	06/04/2016	22.16	T	Distance Protection

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