

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Apr/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.290	378.625	1) Gujrat	-2.630	-11.401
2) Hydro	12.741	38.911	2) Madhya Pradesh	14.281	57.176
3) Gas	8.748	36.884	3) Chattisgarh	7.590	30.060
Total MSPGCL	123.779	454.420	4) Maharashtra Net	102.730	398.952
B) 1) APML	66.028	260.436	5) Goa (Amona)	-0.572	-0.900
2) JSWEL	26.123	99.447	6) TAPS 1&2 Injection	3.535	14.211
3) VIPL	14.105	52.047	7) RGPPL Injection	11.627	47.361
4) RPL(AMT)	16.681	72.199	8) Pench (MS)	0.215	0.848
5) WPCL	4.543	17.664	9) Pench (Excess)	-0.215	-0.848
6) Other IPP	7.824	31.257	Total	136.346	534.611
C) 1) TPCL Thermal	15.994	63.497	a) Mumbai Schedule	27.912	103.183
2) TPCL Hydro	4.535	10.765	b) Mumbai Drawl	31.119	118.686
3) TPCL Gas	4.149	16.673	c) MSEDCL Bilateral *	31.402	129.663
4) R-INFRA Thermal	5.817	22.221	Include PX	-3.379	-10.353
D) STATE			d) Mumbai Bilateral *	27.912	103.183
1) Thermal	259.405	997.393	Include PX	5.573	21.057
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	17.276	49.676	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	12.897	53.557	1) MSEDCL	375.803	1461.659
4) Wind	10.395	52.931	2) Mumbai Discoms	61.614	231.842
6) SOLAR	1.098	5.333	TOTAL STATE	437.417	1693.501
TOTAL STATE	301.071	1158.890			

* 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	4427	4431	4320	4003
MSPGCL Hydro	936	970	512	137
MSPGCL Gas	442	292	288	443
MSPGCL Total Generation	5805	5693	5120	4583
Central Sector Receipt	6436	6615	5822	4606
WIND	209	45	449	700
CPP / IPP	5720	5743	5782	5509
SOLAR	139	155	0	0
Exchange with Mumbai	-1513	-1575	-1395	-954
MSEDCL DEMAND MET	16796	16676	15778	14444
Load Shedding	0	0	0	0
MSEDCL DEMAND	16796	16676	15778	14444
TPCL GENERATION	1255	1295	1178	746
R-INFRA GENERATION	247	251	256	214
MUMBAI DEMAND	3015	3121	2829	1914
STATE DEMAND MET	19811	19797	18607	16358
STATE DEMAND	19811	19797	18607	16358
Frequency (Hz)	49.97	49.90	49.84	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.00 Hrs	49.64 Hz at 14.50 Hrs	49.92	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 04/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	15.38	175	135
Unit 3	4.05	15.93	180	160
Unit 4	11.10	41.62	500	350
Unit 5	11.05	41.59	500	350
Total	30.06	114.52		
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	4.58	17.69	199	175
Unit 4	4.47	17.29	191	173
Unit 5	10.76	40.65	460	410
Unit 6	0.00	0.00	0	0
Unit 7	10.21	30.21	445	360
Total	30.02	105.84		
Paras				
Unit 3	5.88	22.47	254	237
Unit 4	6.01	22.96	260	242
Total	11.90	45.43		
Khaparkheda				
Unit 1	4.09	12.12	180	160
Unit 2	4.14	16.22	185	160
Unit 3	4.41	16.98	193	160
Unit 4	4.68	17.82	210	160
Unit 5	0.00	0.00	0	0
Total	17.32	63.13		
Nasik				
Unit 3	4.34	16.52	200	160
Unit 4	4.26	16.55	194	162
Unit 5	4.39	16.65	208	164
Total	12.98	49.71		
Uran				
All Units	8.75	36.88	445	282
Total	8.75	36.88		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.22	0.85	48	0
Total	0.22	0.85		
Koyna				
Stage 1-2	5.70	15.52	485	40
Stage 4	1.54	3.80	449	0
Stage 3	1.61	4.69	160	0
Total	8.84	24.00		
Hydro				
KDPH	0.74	2.98	31	31
VTRNA	0.59	1.72	61	0
TILLARI	0.25	0.97	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.62	40	0
RNGR+BHTSA	0.22	0.88	11	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.05	0.69	9	0
SMLHY_PTN	1.00	3.70	42	41
GHATGHAR	0.92	2.78	125	0
Total	3.90	14.91		
Wind				
Total	10.40	52.93	0	0
Total	10.40	52.93		
CPP				
APML(Mus)	66.03	260.44	0	0
JSWEL(Mus)	26.12	99.45	0	0
VIPL(Mus)	14.10	52.05	0	0
RPLAMT(Mus)	16.68	72.20	0	0
WPCL(Mus)	4.54	17.66	0	0
Other(Mus)	7.82	31.26	0	0
Total	135.30	533.05		
SOLAR				
Total	1.10	5.33	0	0
Total	1.10	5.33		
Tata				
Trombay 5	10.25	41.04	473	317
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.61	10.47	114	89
Trombay 7B	1.54	6.20	67	58
Trombay 8	5.74	22.45	247	199
TATA Hydro	4.54	10.76	441	8
Total	24.68	90.94		
R-INFRA				
1-2	5.82	22.22	260	200
Total	5.82	22.22		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	102.29	378.62
MSPGCL Thml+Gas	111.04	415.51

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	12.74	38.91
MSPGCL Total	123.78	454.42

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	7.23	19.31
State Total	301.07	1158.89

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	4247	137	445	4829	680	5511	0	5222	5342	-1147	15215	0	15215	2270	17485	49.88
2	4258	132	445	4835	605	5484	0	5129	4676	-938	14662	0	14662	2062	16724	49.99
3	4003	137	443	4583	700	5509	0	4528	4606	-954	14444	0	14444	1914	16358	49.97
4	3897	132	443	4472	667	5528	0	4509	4838	-929	14576	0	14576	1824	16400	49.96
5	3948	362	445	4755	581	5545	0	4479	4779	-869	14791	0	14791	1794	16585	49.95
6	4038	366	445	4849	494	5541	0	5261	5127	-827	15184	0	15184	1893	17077	49.94
7	4409	423	445	5277	512	5699	4	5415	5228	-883	15837	0	15837	2026	17863	49.98
8	4471	292	437	5200	458	5586	26	5693	5770	-1052	15988	0	15988	2193	18181	50.00
9	4479	403	441	5323	332	5517	64	6041	6158	-1257	16137	0	16137	2426	18563	49.98
10	4471	843	445	5759	320	5555	92	6167	6218	-1305	16639	0	16639	2731	19370	49.93
11	4427	936	442	5805	209	5720	139	6299	6436	-1513	16796	0	16796	3015	19811	49.97
12	4462	869	382	5713	108	5814	155	6463	6328	-1600	16518	0	16518	3127	19645	49.90
13	4431	970	292	5693	45	5743	155	6353	6615	-1575	16676	0	16676	3121	19797	49.90
14	4415	835	282	5532	56	5745	152	6240	6217	-1524	16178	0	16178	3032	19210	49.95
15	4435	1104	282	5821	177	5776	130	6263	6261	-1545	16620	0	16620	3039	19659	49.82
16	4430	1054	283	5767	273	5768	97	6271	6230	-1576	16559	0	16559	3085	19644	49.83
17	4351	781	284	5416	333	5778	57	5923	5816	-1560	15840	0	15840	3076	18916	49.88
18	3975	382	282	4639	350	5545	24	5675	6123	-1528	15153	0	15153	2964	18117	49.94
19	4087	868	301	5256	463	5476	3	4911	5098	-1475	14821	0	14821	2838	17659	49.93
20	4320	512	288	5120	449	5782	0	6002	5822	-1395	15778	0	15778	2829	18607	49.84
21	4195	289	287	4771	780	5694	0	6010	5822	-1424	15643	0	15643	2728	18371	49.86
22	3979	254	293	4526	667	5529	0	5783	5831	-1451	15102	0	15102	2595	17697	49.90
23	4174	372	308	4854	561	5658	0	5726	5558	-1446	15185	0	15185	2541	17726	49.91
24	4398	288	308	4994	575	5801	0	5403	5447	-1346	15471	0	15471	2491	17962	49.90
MUs	102.30	12.74	8.75	123.79	10.40	135.30	1.10	135.77	136.35	-31.12	375.81	0.00	375.81	61.61	437.43	49.92

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 04/Apr/2016

Position as on 6.30 Hrs of 05/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 04/Apr/2016

Position as on 6.30 Hrs of 05/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-3	270	04/04/2016	07.28	04/04/2016	09.39	Turbine Tripped	
MSPGCL	Uran Unit 8	108	04/04/2016	11.46	04/04/2016	21.32	Fuel Gas control valve mal function	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 05/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	02/04/2016	17.19	04/04/2016	05.33	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	04/04/2016	17.55		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	17/03/2016	14.36	04/04/2016	17.26	PO	Attending Hot Spot RFC AT 17.24
Khadka-Aurangabad (Waluj)	IntraState	02/04/2016	17.28		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	03/04/2016	11.46		Continued.	T	Distance Protection(RFC 18.54Hrs/04-04-2016
karad -kolhapur-II	IntraState	03/04/2016	16.42	04/04/2016	08.29	HT	Over Voltage
N.Koyna-Karad - Ckt I	IntraState	04/04/2016	09.55		Continued.	PO	Line Maint.work(RFC 18.54Hrs)
Babhaleshwar-Taptitanda ckt-II	IntraState	04/04/2016	17.27		Continued.	HT	Change Over
220 KV LINE Outages/Trippings							
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).
Bableshtar - Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Chitegaon-Shendra Ckt-I	IntraState	18/03/2016	06.57		Continued.	PO	For Making LILO Arrangement on Loc.NO 112 at Aurangabad PG S/S.
Chitegaon-Shendra Ckt-II	IntraState	18/03/2016	06.58		Continued.	PO	For Making LILO Arrangement on Loc.NO 112 at Aurangabad PG S/S.
Bableshtar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Karad(400kv) - Wathar	IntraState	05/04/2016	04.12	05/04/2016	04.42	T	Distance Protection
Oni Kharepatan Line	IntraState	05/04/2016	12.44	05/04/2016	13.05	PO	Testing 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)
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							
Nanded - Jangamwadi II	IntraState	04/04/2016	13.35	04/04/2016	13.51	T	Distance Protection
Waghala -Nanded-I(Jangamwadi)	IntraState	04/04/2016	13.35	04/04/2016	16.10	T	Master Trip relay Flashover observed
Himayatnagar - Tamsa	IntraState	04/04/2016	19.55	04/04/2016	20.33	T	Distance Protection
Muktainagar-Bodwad	IntraState	05/04/2016	03.45	05/04/2016	05.50	T	Distance Protection
Bodwad-Malkapur	IntraState	05/04/2016	03.45	05/04/2016	05.34	T	Distance Protection

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