

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Apr/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.066	481.691	1) Gujrat	-3.333	-14.734
2) Hydro	11.983	50.894	2) Madhya Pradesh	15.404	72.580
3) Gas	10.211	47.095	3) Chattisgarh	8.040	38.100
Total MSPGCL	125.260	579.680	4) Maharashtra Net	102.849	501.801
B) 1) APMIL	66.086	326.522	5) Goa (Amona)	-0.890	-1.790
2) JSWEL	26.466	125.913	6) TAPS 1&2 Injection	3.677	17.888
3) VIPL	14.068	66.115	7) RGPPL Injection	11.589	58.950
4) RPL(AMT)	17.652	89.851	8) Pench (MS)	0.186	1.034
5) WPCL	4.675	22.339	9) Pench (Excess)	-0.186	-1.034
6) Other IPP	7.330	38.587	Total	137.150	671.761
C) 1) TPCL Thermal	15.299	78.796	a) Mumbai Schedule	27.935	131.118
2) TPCL Hydro	4.438	15.203	b) Mumbai Drawl	32.042	150.728
3) TPCL Gas	4.142	20.815	c) MSEDCL Bilateral *	32.125	161.788
4) R-INFRA Thermal	5.884	28.105	Include PX	-2.793	-13.146
D) STATE			d) Mumbai Bilateral *	27.935	131.118
1) Thermal	260.526	1257.919	Include PX	5.553	26.610
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	16.421	66.097	H) ENERGY CATERED (MUs)		
3) Gas	14.353	67.910	1) MSEDCL	373.526	1835.185
4) Wind	6.221	59.152	2) Mumbai Discoms	61.805	293.647
6) SOLAR	0.660	5.993	TOTAL STATE	435.331	2128.832
TOTAL STATE	298.181	1457.071			

* 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 5 Hrs
MSPGCL Thermal	4404	4431	4360	3916
MSPGCL Hydro	1092	811	734	116
MSPGCL Gas	427	433	431	432
MSPGCL Total Generation	5923	5675	5525	4464
Central Sector Receipt	6079	6312	5677	5098
WIND	36	32	223	418
CPP / IPP	5776	5751	5836	5538
SOLAR	110	97	0	0
Exchange with Mumbai	-1549	-1539	-1510	-939
MSEDCL DEMAND MET	16375	16328	15751	14579
Load Shedding	0	0	0	0
MSEDCL DEMAND	16375	16328	15751	14579
TPCL GENERATION	1312	1317	1082	697
R-INFRA GENERATION	250	255	252	201
MUMBAI DEMAND	3111	3111	2844	1837
STATE DEMAND MET	19486	19439	18595	16416
STATE DEMAND	19486	19439	18595	16416
Frequency (Hz)	49.98	49.94	49.96	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.30 Hrs	49.74 Hz at 19.06 Hrs	49.97	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 05/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	3.93	19.30	175	155
Unit 3	4.21	20.14	180	160
Unit 4	11.38	53.00	505	360
Unit 5	11.43	53.02	510	350
Total	30.95	145.46		
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	4.46	22.15	193	166
Unit 4	4.34	21.62	190	162
Unit 5	10.66	51.31	460	385
Unit 6	0.00	0.00	0	0
Unit 7	10.14	40.35	435	367
Total	29.59	135.43		
Paras				
Unit 3	5.74	28.20	252	232
Unit 4	6.00	28.96	258	240
Total	11.74	57.16		
Khaparkheda				
Unit 1	4.16	16.28	180	160
Unit 2	4.24	20.46	185	160
Unit 3	4.48	21.46	194	160
Unit 4	4.59	22.41	210	157
Unit 5	0.00	0.00	0	0
Total	17.47	80.60		
Nasik				
Unit 3	4.45	20.96	205	160
Unit 4	4.43	20.98	205	161
Unit 5	4.44	21.08	201	161
Total	13.32	63.03		
Uran				
All Units	10.21	47.10	455	340
Total	10.21	47.10		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.19	1.03	34	0
Total	0.19	1.03		
Koyna				
Stage 1-2	4.71	20.22	535	40
Stage 4	1.98	5.77	334	0
Stage 3	1.83	6.52	160	0
Total	8.52	32.52		
Hydro				
KDPH	0.74	3.72	32	31
VTRNA	0.59	2.31	61	0
TILLARI	0.24	1.21	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	0.83	40	0
RNGR+BHTSA	0.22	1.10	13	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.98	4.68	41	40
GHATGHAR	0.48	3.26	125	0
Total	3.47	18.38		
Wind				
Total	6.22	59.15	0	0
Total	6.22	59.15		
CPP				
APML(Mus)	66.09	326.52	0	0
JSWEL(Mus)	26.47	125.91	0	0
VIPL(Mus)	14.07	66.12	0	0
RPLAMT(Mus)	17.65	89.85	0	0
WPCL(Mus)	4.68	22.34	0	0
Other(Mus)	7.33	38.59	0	0
Total	136.28	669.33		
SOLAR				
Total	0.66	5.99	0	0
Total	0.66	5.99		
Tata				
Trombay 5	9.58	50.62	447	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.61	13.08	114	86
Trombay 7B	1.54	7.74	66	56
Trombay 8	5.72	28.17	247	199
TATA Hydro	4.44	15.20	459	0
Total	23.88	114.81		
R-INFRA				
1-2	5.88	28.10	260	201
Total	5.88	28.10		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	103.07	481.69
MSPGCL Thml+Gas	113.28	528.79

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	11.98	50.89
MSPGCL Total	125.26	579.68

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.69	26.00
State Total	298.18	1457.07

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	4363	206	340	4909	409	5727	0	5534	5439	-1183	15301	0	15301	2289	17590	49.94
2	4049	111	398	4558	552	5527	0	5623	5552	-1036	15153	0	15153	2090	17243	49.97
3	3752	111	418	4281	517	5427	0	5410	5466	-1022	14669	0	14669	1942	16611	49.92
4	3877	116	430	4423	407	5454	0	5311	5397	-967	14714	0	14714	1861	16575	49.94
5	3916	116	432	4464	418	5538	0	5286	5098	-939	14579	0	14579	1837	16416	49.92
6	4103	116	436	4655	428	5522	0	5495	5467	-927	15145	0	15145	1895	17040	49.91
7	4422	380	455	5257	219	5669	1	5568	5694	-898	15942	0	15942	2011	17953	50.01
8	4452	413	437	5302	133	5733	9	5672	5676	-995	15858	0	15858	2109	17967	50.00
9	4455	468	444	5367	109	5744	13	5890	5903	-1276	15860	0	15860	2440	18300	49.98
10	4444	701	425	5570	97	5759	37	6046	6109	-1502	16070	0	16070	2852	18922	49.96
11	4448	1167	436	6051	48	5736	93	6111	5996	-1533	16391	0	16391	3069	19460	49.97
12	4404	1092	427	5923	36	5776	110	6254	6079	-1549	16375	0	16375	3111	19486	49.98
13	4431	811	433	5675	32	5751	97	6212	6312	-1539	16328	0	16328	3111	19439	49.94
14	4417	623	423	5463	77	5762	81	6036	6093	-1532	15944	0	15944	3031	18975	49.99
15	4377	842	418	5637	92	5761	52	6067	6072	-1584	16030	0	16030	3085	19115	49.96
16	4382	1108	423	5913	53	5751	59	6104	6120	-1619	16277	0	16277	3095	19372	49.98
17	4371	899	431	5701	110	5745	61	5607	5847	-1555	15909	0	15909	3055	18964	50.01
18	4413	423	412	5248	159	5726	40	5179	5161	-1546	14788	0	14788	2960	17748	50.02
19	4392	494	434	5320	181	5744	7	5125	5185	-1559	14878	0	14878	2840	17718	50.00
20	4360	734	431	5525	223	5836	0	5748	5677	-1510	15751	0	15751	2844	18595	49.96
21	4368	249	426	5043	397	5846	0	5715	5815	-1505	15596	0	15596	2736	18332	49.98
22	4292	191	428	4911	516	5639	0	5633	5627	-1471	15222	0	15222	2585	17807	50.00
23	4270	256	434	4960	538	5559	0	5549	5829	-1425	15461	0	15461	2506	17967	49.94
24	4308	356	440	5104	470	5542	0	5561	5536	-1370	15282	0	15282	2451	17733	49.98
MUs	103.07	11.98	10.21	125.26	6.22	136.28	0.66	136.74	137.15	-32.04	373.53	0.00	373.53	61.81	435.33	49.97

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 05/Apr/2016

Position as on 6.30 Hrs of 06/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 05/Apr/2016

Position as on 6.30 Hrs of 06/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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 06/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	04/04/2016	17.55	05/04/2016	08.02	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	05/04/2016	17.41		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	03/04/2016	11.46	05/04/2016	08.26	T	Distance Protection(RFC 18.54Hrs/04-04-2016
N.Koyna-Karad -Ckt I	IntraState	04/04/2016	09.55	05/04/2016	08.45	PO	Line Maint.work(RFC 18.54Hrs)
Babhaleshwar-Taptitanda ckt-II	IntraState	04/04/2016	17.27		Continued.	HT	Change Over
Koradi 2-IEPL	IntraState	05/04/2016	08.07	05/04/2016	19.22	PO	Fixing of Copper Bond of Missing Nut Bolt on Jumper & Hardware & Tightening Thereof.
karad -kolhapur-II	IntraState	05/04/2016	10.26	05/04/2016	14.25	PO	Preventive Maintenace.
karad -kolhapur-II	IntraState	05/04/2016	16.40		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/04/2016	17.28		Continued.	HT	Over Voltage
Koradi-India Bulls	IntraState	05/04/2016	18.32	05/04/2016	20.33	T	Distance Protection
Karad - Jaigad - II	IntraState	05/04/2016	23.13		Continued.	T	Distance Protection
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).
Bableshevar- 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	05/04/2016	17.50	PO	For Making LILO Arrangement on Loc.NO 112 at Aurangabad PG S/S,Charged as 220KV A'bad-Chitegaon Ckt-I.
Chitegaon-Shendra Ckt-II	IntraState	18/03/2016	06.58	05/04/2016	18.09	PO	For Making LILO Arrangement on Loc.NO 112 at Aurangabad PG S/S,Charged as 220KV A'bad-Chitegaon Ckt-II.
Bableshevar- 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
Adlabs - Pedambe	IntraState	05/04/2016	06.55	05/04/2016	15.30	PO	Preventive Maintenance.
Chandrapur MIDC - GEPL Ckt I	IntraState	05/04/2016	09.08	05/04/2016	15.02	T	Distance Protection
Solapur(Bale) - Tuljapur	IntraState	05/04/2016	10.07	05/04/2016	14.45	PO	Preventive Maintenace.
Oni Kharepatan Line	IntraState	05/04/2016	12.44	05/04/2016	13.05	PO	Testing work
Matardevi - Loyd Metals	IntraState	05/04/2016	15.26	05/04/2016	15.38	T	Backup Protection
Salsette Borivli 1	IntraState	06/04/2016	05.24	06/04/2016	06.30	EO	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)
132 KV LINE Outages/Trippings							
Muktanagar-Bodwad	IntraState	05/04/2016	03.45	05/04/2016	05.50	T	Distance Protection

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 05/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 06/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bodwad-Malkapur	IntraState	05/04/2016	03.45	05/04/2016	05.34	T	Distance Protection