

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Apr/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.190	2639.797	1) Gujrat	-5.688	-123.046
2) Hydro	9.866	268.216	2) Madhya Pradesh	12.659	359.784
3) Gas	9.852	254.541	3) Chattisgarh	7.090	191.670
Total MSPGCL	137.908	3162.554	4) Maharashtra Net	104.659	2543.549
B) 1) APML	50.687	1541.430	5) Goa (Amona)	-0.736	-12.982
2) JSWEL	20.350	643.438	6) TAPS 1&2 Injection	3.577	86.496
3) VIPL	12.672	315.483	7) RGPPL Injection	11.608	290.994
4) RPL(AMT)	16.602	394.820	8) Pench (MS)	0.073	2.996
5) WPCL	4.674	112.650	9) Pench (Excess)	-0.073	-2.996
6) Other IPP	5.843	176.347	Total	133.096	3333.469
C) 1) TPCL Thermal	15.266	393.064	a) Mumbai Schedule	25.315	677.042
2) TPCL Hydro	4.376	76.483	b) Mumbai Drawl	30.406	774.552
3) TPCL Gas	4.313	100.468	c) MSEDCL Bilateral *	21.321	790.548
4) R-INFRA Thermal	5.798	143.292	Include PX	-0.051	-69.182
D) STATE			d) Mumbai Bilateral *	25.315	677.042
1) Thermal	250.082	6360.321	Include PX	5.171	159.453
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	14.242	344.699	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.165	355.009	1) MSEDCL	368.996	9282.525
4) Wind	16.122	343.453	2) Mumbai Discoms	60.159	1487.867
6) SOLAR	1.448	33.433	TOTAL STATE	429.155	10770.392
TOTAL STATE	296.059	7436.915			

* 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 5 Hrs
MSPGCL Thermal	5221	5097	4655	4628
MSPGCL Hydro	1393	654	651	170
MSPGCL Gas	437	427	333	435
MSPGCL Total Generation	7051	6178	5639	5233
Central Sector Receipt	6150	5697	6031	4984
WIND	389	634	1072	593
CPP / IPP	4812	4839	4460	4353
SOLAR	173	203	0	0
Exchange with Mumbai	-1477	-1477	-1361	-930
MSEDCL DEMAND MET	17098	16074	15841	14233
Load Shedding	0	0	0	0
MSEDCL DEMAND	17098	16074	15841	14233
TPCL GENERATION	1229	1295	1099	700
R-INFRA GENERATION	249	257	259	202
MUMBAI DEMAND	2955	3029	2719	1832
STATE DEMAND MET	20053	19103	18560	16065
STATE DEMAND	20053	19103	18560	16065
Frequency (Hz)	49.95	49.88	49.85	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 05.01 Hrs	49.64 Hz at 19.08 Hrs	49.93	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 25/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	62.60	0	0
Total	0.00	62.60		
Bhusawal				
Unit 2	3.76	92.12	165	150
Unit 3	0.00	84.43	0	0
Unit 4	10.65	258.09	500	350
Unit 5	10.70	261.62	510	350
Total	25.10	696.26		
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	4.66	112.82	204	165
Unit 4	4.42	90.57	189	164
Unit 5	10.32	251.35	450	370
Unit 6	10.90	82.16	480	365
Unit 7	10.31	229.62	447	360
Total	40.60	766.53		
Paras				
Unit 3	5.77	139.75	252	220
Unit 4	5.97	134.08	260	203
Total	11.73	273.84		
Khaparkheda				
Unit 1	4.02	100.32	175	155
Unit 2	4.06	89.75	185	150
Unit 3	4.56	109.39	210	160
Unit 4	4.35	109.44	202	160
Unit 5	11.03	138.05	500	380
Total	28.03	546.94		
Nasik				
Unit 3	4.28	101.94	205	165
Unit 4	4.20	107.64	194	162
Unit 5	4.24	84.04	200	163
Total	12.72	293.63		
Uran				
All Units	9.85	254.54	448	274
Total	9.85	254.54		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.07	3.00	24	0
Total	0.07	3.00		
Koyna				
Stage 1-2	4.08	100.59	525	40
Stage 4	1.27	53.54	508	0
Stage 3	1.22	36.12	160	0
Total	6.58	190.25		
Hydro				
KDPH	0.66	16.32	28	27
VTRNA	0.47	12.37	61	0
TILLARI	0.37	5.83	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.09	4.46	40	0
RNGR+BHTSA	0.27	5.05	13	2
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.16	16.24	7	6
GHATGHAR	1.28	16.44	250	0
Total	3.29	77.96		
Wind				
Total	16.12	343.45	0	0
Total	16.12	343.45		
CPP				
APML(Mus)	50.69	1541.43	0	0
JSWEL(Mus)	20.35	643.44	0	0
VIPL(Mus)	12.67	315.48	0	0
RPLAMT(Mus)	16.60	394.82	0	0
WPCL(Mus)	4.67	112.65	0	0
Other(Mus)	5.84	176.35	0	0
Total	110.83	3184.17		
SOLAR				
Total	1.45	33.43	0	0
Total	1.45	33.43		
Tata				
Trombay 5	9.97	250.75	455	317
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.77	63.12	116	115
Trombay 7B	1.54	37.35	65	64
Trombay 8	5.30	142.25	250	151
TATA Hydro	4.38	76.48	434	0
Total	23.96	570.02		
R-INFRA				
1-2	5.80	143.29	260	201
Total	5.80	143.29		

* 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	118.19	2639.80	MSPGCL Total	137.91	3162.55
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	128.04	2894.34	Koyna 1,2 & 4 Total	5.36	154.13
Koradi 9	0.00	0.00	MSPGCL Hydro	9.87	268.22	State Total	296.06	7436.92
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 25/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	4611	640	446	5697	604	4350	0	5467	5741	-1360	15032	0	15032	2261	17293	49.94
2	4624	415	444	5483	761	4309	0	5348	5556	-1172	14937	0	14937	2077	17014	49.97
3	4604	175	445	5224	666	4342	0	5237	5442	-1040	14634	0	14634	1941	16575	49.97
4	4628	175	445	5248	697	4356	0	5177	5117	-958	14460	0	14460	1863	16323	49.98
5	4628	170	435	5233	593	4353	0	5140	4984	-930	14233	0	14233	1832	16065	49.97
6	4711	214	445	5370	748	4384	0	5143	5213	-927	14788	0	14788	1890	16678	49.97
7	5060	345	445	5850	467	4588	5	5189	5511	-838	15583	0	15583	1934	17517	49.98
8	5161	100	444	5705	444	4769	35	5317	5084	-909	15128	0	15128	2048	17176	49.98
9	5239	133	448	5820	278	4810	82	5578	5723	-1161	15552	0	15552	2327	17879	49.94
10	5246	828	437	6511	237	4807	135	5770	5995	-1425	16260	0	16260	2729	18989	49.89
11	5221	1393	437	7051	389	4812	173	5705	6150	-1477	17098	0	17098	2955	20053	49.95
12	5172	1172	425	6769	545	4852	179	5714	5475	-1512	16308	0	16308	3036	19344	49.93
13	5097	654	427	6178	634	4839	203	5719	5697	-1477	16074	0	16074	3029	19103	49.88
14	5144	329	420	5893	644	4838	177	5650	5854	-1420	15986	0	15986	2921	18907	49.91
15	5188	291	414	5893	666	4872	175	5666	5853	-1453	16006	0	16006	2986	18992	49.86
16	5238	322	377	5937	778	4847	137	5701	5421	-1435	15685	0	15685	2998	18683	49.89
17	4909	321	276	5506	835	4691	90	5741	5811	-1452	15481	0	15481	2991	18472	49.92
18	4333	346	274	4953	996	4403	44	5696	5538	-1448	14486	0	14486	2883	17369	49.94
19	4317	209	292	4818	1208	4397	13	5554	5204	-1363	14277	0	14277	2704	16981	49.96
20	4655	651	333	5639	1072	4460	0	5694	6031	-1361	15841	0	15841	2719	18560	49.85
21	5117	227	431	5775	877	4627	0	5620	5583	-1330	15532	0	15532	2637	18169	49.89
22	5094	154	426	5674	764	4647	0	5530	5113	-1243	14955	0	14955	2505	17460	49.93
23	5111	254	444	5809	583	4664	0	5568	5350	-1391	15015	0	15015	2463	17478	49.85
24	5082	348	442	5872	636	4809	0	5471	5651	-1324	15644	0	15644	2430	18074	49.90
MUs	118.19	9.87	9.85	137.91	16.12	110.83	1.45	132.39	133.10	-30.41	369.00	0.00	369.00	60.16	429.16	49.93

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 25/Apr/2016

Position as on 6.30 Hrs of 26/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	
FORCED OUTAGE								
RGPP	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPP	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPP	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	
RGPP	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	Koyana Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
RINFRA-G	REL Unit 2	250	18/03/2016	08.39	26/04/2016	15.26	Stator Earth Fault	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
RGPP	Dabhol 2A	230	18/04/2016	19.58	26/04/2016	09.48	super heater spry valve problem	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	20/04/2016	17.14		Continued.	Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	20/04/2016	20.50		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Koradi Unit-8	660	23/04/2016	02.38		Continued.	ESP And CW Pump Work.	
MSPGCL	Uran Unit 7	108	23/04/2016	15.11		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	24/04/2016	11.13		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Apr/2016

Position as on 6.30 Hrs of 26/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 6	108	25/04/2016	15.38	25/04/2016	18.20	Card Failure	
MSPGCL	Khaparkheda Unit 5	500	26/04/2016	04.06		Continued.	Furnace Pressure High	
MSPGCL	Bhusawal Unit 5	500	26/04/2016	10.49	26/04/2016	15.15	Flame Failure	
RGPPL	Dabhol 2B	230	26/04/2016	13.12		Continued.	P.M.WORK	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 26/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Tirora ckt-II	IntraState	26/04/2016	11.08	26/04/2016	12.54	PO	Line service though Tie Bay. Breaker Gas Pressure Low.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	21/04/2016	18.28	25/04/2016	06.39	PO	P.M Work At SSP End.
Kolhapur Solapur(PG) I	InterState	24/04/2016	16.53	25/04/2016	07.01	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	25/04/2016	18.17	26/04/2016	08.25	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	26/04/2016	18.05		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/04/2016	18.06	25/04/2016	08.45	HT	Over Voltage
karad -kolhapur-I	IntraState	24/04/2016	15.54	25/04/2016	07.39	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/04/2016	16.03	25/04/2016	08.27	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11		Continued.	HT	Hand Tripped
Babhleshwar - RIPL(Nashik)	IntraState	25/04/2016	09.00	25/04/2016	13.00	PO	P.M.Work
Jaigad-New Koyna Ckt-I	IntraState	25/04/2016	09.20	25/04/2016	19.24	PO	Line Maintenance work
karad -kolhapur-II	IntraState	25/04/2016	17.03	26/04/2016	08.42	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/04/2016	17.15	26/04/2016	09.24	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	26/04/2016	09.38	26/04/2016	20.07	PO	Cold Washing and Maint. work.
karad -kolhapur-I	IntraState	26/04/2016	16.07		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	26/04/2016	17.16	26/04/2016	17.34	T	Due to DT send form A'bad.
Bhusawal-Aurangabad	IntraState	26/04/2016	18.03		Continued.	HT	Over Voltage
Chandrapur - Parli	IntraState	26/04/2016	18.32	26/04/2016	19.40	T	Distance Protection
Karad-Jaigad - I	IntraState	26/04/2016	20.15		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	25/04/2016	10.29	25/04/2016	18.58	PO	Quarterly Maintainance Work
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
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.
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).
Bableshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshwar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Pedambe-Nerle	IntraState	11/04/2016	13.10		Continued.	PO	CT Oil Leakage
Chakan (400kv)-Bridgestone	IntraState	22/04/2016	10.21	26/04/2016	20.00	PO	Stringing Work Of 132KV On M/C Tower.
Kharepatan -Pawas Line	IntraState	25/04/2016	09.05	25/04/2016	18.01	PO	Insulator String replacement
Kalwa-Salsette-VI	IntraState	25/04/2016	09.57	26/04/2016	17.52	HT	To control O/L of Borivali-Salsette D/C Line
Kalwa - Borivali	IntraState	25/04/2016	09.57	26/04/2016	17.48	HT	To control O/L of Borivali-Salsette D/C Line
Osmanabad - Solapur (Bale)	IntraState	25/04/2016	10.07	25/04/2016	15.16	PO	Midspan conductor joint work
Dasturi-Kandalgaon Line	IntraState	25/04/2016	10.08	25/04/2016	17.26	PO	Line Maintenance work
Waluj - Jalna 2	IntraState	25/04/2016	10.47	25/04/2016	14.26	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 25/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 26/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nerul - Sonkhar	IntraState	26/04/2016	06.05	26/04/2016	09.00	EO	To attend Hot Spot
Pophali - New Koyna	IntraState	26/04/2016	08.57	26/04/2016	16.00	PO	Routine Maintenance Work
Nagothane - ACCIL	IntraState	26/04/2016	10.21	26/04/2016	20.28	PO	Routine Maintenance Work
Kharepatan -Pawas Line	IntraState	26/04/2016	10.22	26/04/2016	18.43	PO	String Replacement.
Kadegaon-Miraj	IntraState	26/04/2016	12.30	26/04/2016	15.00	PO	LA Replacement 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 100 Mva Vijai Ict 2 @Gadchiroli	IntraState	25/04/2016	12.05	25/04/2016	13.15	PO	Attending Oil Leakage
132 KV LINE Outages/Trippings							
Ambazari-Pardi	IntraState	25/04/2016	14.05	25/04/2016	14.38	T	Distance Protection
Amravati-Akola	IntraState	25/04/2016	14.57	25/04/2016	16.01	T	Distance Protection

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