

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Apr/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	165.472	3828.847	1) Gujrat	0.309	13.613
2) Hydro	13.479	419.774	2) Madhya Pradesh	16.059	293.230
3) Gas	9.243	248.188	3) Chattisgarh	7.060	140.160
Total MSPGCL	188.194	4496.809	4) Maharashtra Net	132.268	3327.312
B) 1) APML	43.163	1199.206	5) Goa (Amona)	-0.990	-16.102
2) JSWEL	24.290	537.547	Total	154.706	3758.213
3) VIPL	7.144	245.797	a) Mumbai Schedule	25.161	628.342
4) RPL(AMT)	9.363	491.656	b) Mumbai Drawl	26.873	694.263
5) WPCL	2.555	88.685	c) MSEDCL Bilateral *	40.572	900.990
6) PGPL	0.000	0.000	Include PX	14.621	158.013
7) Other IPP	3.530	92.455	d) Mumbai Bilateral *	25.161	628.002
C) 1) TPCL Thermal	17.266	398.553	Include PX	7.810	158.951
2) TPCL Hydro	4.337	96.018	Include Standby	0.000	0.340
3) TPCL Gas	4.521	112.490	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.937	287.696	1) MSEDCL	426.585	10640.591
D) STATE			2) Mumbai Discoms	64.932	1589.018
1) Thermal	284.720	7170.442	TOTAL STATE	491.517	12229.609
(A1+C1+C4+(B1-B6))					
2) Hydro	17.816	515.792			
(A2+C2)					
3) Gas	13.764	360.678			
(A3+B6+C3)					
4) Wind	18.776	384.759			
6) SOLAR	1.737	39.727			
TOTAL STATE	336.813	8471.398			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7103	6636	6866	7009
MSPGCL Hydro	734	995	457	138
MSPGCL Gas	415	420	435	280
MSPGCL Total Generation	8252	8051	7758	7427
Central Sector Receipt	7910	7637	5856	5448
WIND	418	807	1066	978
CPP / IPP Thermal	3701	3703	3907	3702
CPP / IPP Gas	0	0	0	0
SOLAR	252	146	0	0
Exchange with Mumbai	-1516	-1403	-1164	-650
MSEDCL DEMAND MET	19017	18941	17423	16905
Load Shedding	0	0	0	0
MSEDCL DEMAND	19017	18941	17423	16905
TPCL GENERATION	1229	1271	1236	927
R-INFRA GENERATION	487	499	497	507
MUMBAI DEMAND	3232	3173	2897	2084
STATE DEMAND MET	22249	22114	20320	18989
STATE DEMAND	22249	22114	20320	18989
Frequency (Hz)	49.96	49.90	49.94	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18.32 Hrs	49.76 Hz at 22.36 Hrs	49.94	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/2017

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	3.36	85.27	168	16
Unit 8	8.12	256.24	580	0
Unit 9	14.26	300.02	634	500
Unit 10	6.25	124.42	565	0
Total	31.99	765.94		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.10	101.44	175	170
Unit 4	9.26	243.54	450	350
Unit 5	7.89	243.42	415	0
Total	21.26	588.40		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.92	145.75	250	220
Unit 7	5.72	120.10	252	194
Unit 8	1.41	35.14	189	0
Total	13.04	301.00		
Chandrapur				
Unit 3	4.26	109.26	194	160
Unit 4	4.70	116.78	198	193
Unit 5	10.72	222.37	456	435
Unit 6	10.05	248.16	431	404
Unit 7	0.00	0.00	0	0
Unit 8	10.53	223.20	470	362
Unit 9	10.38	158.28	480	329
Total	50.64	1078.05		
Paras				
Unit 3	5.62	103.15	252	207
Unit 4	5.87	132.01	255	211
Total	11.49	235.16		
Khaparkheda				
Unit 1	4.26	102.38	185	170
Unit 2	4.28	102.75	185	160
Unit 3	4.57	108.05	202	154
Unit 4	4.24	95.62	190	164
Unit 5	10.34	233.42	460	390
Total	27.69	642.21		
Nasik				
Unit 3	0.00	36.00	0	0
Unit 4	4.72	72.74	202	180
Unit 5	4.64	109.36	203	167
Total	9.36	218.10		
Uran				
All Units	9.24	248.19	446	170
Total	9.24	248.19		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.21	2.20	38	0
Total	0.21	2.20		
Koyna				
Stage 1-2	4.06	124.69	470	40
Stage 4	4.24	156.20	951	0
Stage 3	2.20	62.78	240	0
Total	10.50	343.67		
Hydro				
KDPH	0.67	14.64	28	28
VTRNA	0.63	13.65	61	0
TILLARI	0.16	2.57	45	0
BHTGR/VEER	0.00	0.06	0	0
BHIRA T.R.	0.22	5.09	40	0
RNGR+BHTSA	0.30	7.02	13	12
BHANDARDRA	0.48	12.48	41	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	11.80	30	19
GHATGHAR	0.00	8.78	0	0
Total	2.98	76.10		
Wind				
Total	18.78	384.76	0	0
Total	18.78	384.76		
CPP				
APML(Mus)	43.16	1199.21	0	0
JSWEL(Mus)	24.29	537.55	0	0
VIPL(Mus)	7.14	245.80	0	0
RPLAMT(Mus)	9.36	491.66	0	0
WPCL(Mus)	2.56	88.68	0	0
Other(Mus)	3.53	92.46	0	0
Total	90.04	2655.35		
SOLAR				
Total	1.74	39.73	0	0
Total	1.74	39.73		
Tata				
Trombay 5	11.43	261.56	493	348
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	72.40	123	119
Trombay 7B	1.60	40.09	68	66
Trombay 8	5.84	137.00	252	205
TATA Hydro	4.34	96.02	383	0
Total	26.12	607.06		
R-INFRA				
DTPS U-1&2	11.94	287.70	507	395
Total	11.94	287.70		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	165.47	3828.85	MSPGCL Total	188.19	4496.81
			MSPGCL Thml+Gas	174.72	4077.04	Koyna 1,2 & 4 Total	8.30	280.89
			MSPGCL Hydro	13.48	419.77	State Total	336.81	8471.40

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Apr/2017

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			THM	GAS										
1	6580	1734	170	8484	872	3895	0	0	5826	5914	-1002	18163	0	18163	2575	20738	49.93
2	6660	910	198	7768	841	3689	0	0	5979	6122	-799	17621	0	17621	2355	19976	49.88
3	6839	442	280	7561	932	3678	0	0	5817	5812	-768	17215	0	17215	2204	19419	49.96
4	7009	138	280	7427	978	3702	0	0	5595	5448	-650	16905	0	16905	2084	18989	49.94
5	7080	113	314	7507	975	3699	0	0	5612	5543	-616	17108	0	17108	2049	19157	49.96
6	7218	271	314	7803	898	3710	0	0	5795	5795	-657	17549	0	17549	2087	19636	49.96
7	7312	389	345	8046	714	3691	0	5	6553	6473	-692	18237	0	18237	2124	20361	49.97
8	7263	171	389	7823	682	3684	0	49	6394	6630	-815	18053	0	18053	2247	20300	49.99
9	7088	343	443	7874	669	3709	0	116	6597	6891	-1104	18155	0	18155	2570	20725	49.94
10	7054	432	433	7919	559	3719	0	164	6729	6741	-1217	17885	0	17885	2840	20725	49.95
11	7086	442	444	7972	472	3723	0	220	7172	7458	-1453	18392	0	18392	3162	21554	49.93
12	7103	734	415	8252	418	3701	0	252	7782	7910	-1516	19017	0	19017	3232	22249	49.96
13	7104	549	437	8090	485	3705	0	236	7802	7543	-1541	18518	0	18518	3219	21737	49.94
14	6499	681	434	7614	581	3717	0	233	7693	7600	-1402	18343	0	18343	3110	21453	49.93
15	6550	854	422	7826	740	3698	0	186	7652	7556	-1414	18592	0	18592	3159	21751	49.95
16	6636	995	420	8051	807	3703	0	146	7618	7637	-1403	18941	0	18941	3173	22114	49.90
17	6916	882	427	8225	934	3710	0	96	6913	6973	-1435	18503	0	18503	3143	21646	49.89
18	6806	239	435	7480	983	3696	0	33	6644	6541	-1343	17390	0	17390	3015	20405	49.93
19	6525	250	434	7209	1028	3682	0	1	6602	6273	-1528	16665	0	16665	2882	19547	50.01
20	6866	457	435	7758	1066	3907	0	0	5830	5856	-1164	17423	0	17423	2897	20320	49.94
21	6827	443	444	7714	1083	3911	0	0	5431	5507	-1106	17109	0	17109	2821	19930	49.93
22	6825	250	444	7519	832	3899	0	0	5638	5525	-1114	16661	0	16661	2688	19349	49.94
23	6777	561	446	7784	680	3910	0	0	5371	5373	-1041	16706	0	16706	2649	19355	49.84
24	6849	1199	440	8488	547	3908	0	0	5952	5585	-1093	17435	0	17435	2649	20084	49.88
MUs	165.47	13.48	9.24	188.19	18.78	90.05	0.00	1.74	155.00	154.71	-26.87	426.59	0.00	426.59	64.93	491.52	49.94

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/2017

Position as on 6.30 Hrs of 26/Apr/2017

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 synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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 PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Nasik Unit 3	210	09/04/2017	15.50		Continued.	tripped on boiler feed pump problem and continued under zero schedule by MSEDCL	
IPP	VIPL U-1	300	13/04/2017	03.34		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
IPP	Adani U-1	660	18/04/2017	13.12		Continued.	Due to coal shortage.	
IPP	RPL(AMT) U-3	270	19/04/2017	19.30		Continued.	Coal Shortage	
MSPGCL	Koradi Unit-8	660	20/04/2017	13.34	25/04/2017	04.07	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	24/04/2017	09.46	25/04/2017	00.43	Station transformer supply fault.	
MSPGCL	Uran Unit 5	108	24/04/2017	19.32	25/04/2017	05.32	Gas Skid Trip	
MSPGCL	Uran Unit B0	120	24/04/2017	19.32	25/04/2017	02.09	Gas Skid Trip	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Apr/2017

Position as on 6.30 Hrs of 26/Apr/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP	SWPGL U-3	135	25/04/2017	00.01		Continued.	ESP.	
MSPGCL	Parli Unit 8	250	25/04/2017	07.52		Continued.	Turbine bearing Vabration high	
MSPGCL	Bhusawal Unit 5	500	25/04/2017	13.02	25/04/2017	15.31	Drum level low	
MSPGCL	Koradi Unit 10	660	25/04/2017	13.17		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	26/04/2017	03.50		Continued.	Furnace draft high protection.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 26/Apr/2017

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 II	InterState	24/04/2017	19.29	25/04/2017	09.08	HT	Over Voltage
Dabhol Nagothane II	InterState	25/04/2017	10.48	25/04/2017	21.00	PO	Line insulator washing work.
Dhule Sar'Sarovar I	InterState	25/04/2017	20.05		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/04/2017	10.03	25/04/2017	06.44	HT	Routine Maintenance Work
Parly(MS)- Nanded ckt II	IntraState	25/04/2017	08.23	25/04/2017	09.03	PO	Outage for taking line reactor out.
Ektuni-Bableshwar ckt I	IntraState	25/04/2017	09.56		Continued.	HT	Controlling 400kv padgha bableshwar line loading.
Chandrapur-II - Nanded ckt I	IntraState	25/04/2017	11.41	25/04/2017	16.37	PO	work of jumper nut bolt tightening at loc no.508.509.
Chandrapur-II - Nanded ckt II	IntraState	25/04/2017	11.41	25/04/2017	16.37	EO	Attending Hot Spot
Babhaleshwar - Padghe-I	IntraState	25/04/2017	6.27	25/04/2017	6.36	T	Distance Protection
Kharghar-Talegaon(PG)	IntraState	26/04/2017	04.52		Continued.	EO	Attending Hot Spot
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	27/03/2017	12.58		Continued.	PO	Dismantling Work And Will Be Transport At Padgha.
400/220kv 315 MVA ICT-III@Padgha	IntraState	25/04/2017	21.30	26/04/2017	01.57	T	Over load
400/220 Kv 600 MVA ICT-IV @Padghe	IntraState	25/04/2017	21.30	25/04/2017	21.51	T	Buccholz Protection Optd
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	25/04/2017	05.33	25/04/2017	6.28	T	Distance Protection
Tillari Amona	InterState	25/04/2017	05.33	25/04/2017	06.47	T	Distance Protection
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.
Harangul-Parly	IntraState	24/04/2017	18.00		Continued.	PO	Distance Relay replacement Work.
Bhosari- Bhosari 2	IntraState	24/04/2017	21.05	25/04/2017	02.33	T	LA replacement.
Apta - Kalwa	IntraState	25/04/2017	07.16	25/04/2017	13.28	PO	Annual Maintenance Work
Koradi-Ambazari-II	IntraState	25/04/2017	08.15	25/04/2017	12.08	PO	To attend Hot Spot
Niwali - Pawas Line	IntraState	25/04/2017	10.05	25/04/2017	18.43	PO	Insulator washing work.
Bhugaon - Lloyed Steel	IntraState	25/04/2017	10.23	25/04/2017	11.37	PO	Attending Hot Spot
Parli 3 (Old Gcr)-Osmanabad	IntraState	25/04/2017	11.03	25/04/2017	15.11	HT	In view of parly-ntps ckt u/o
Karad(400kv) - Ogalewadi Ckt 2	IntraState	25/04/2017	11.03	25/04/2017	13.50	PO	Testing Work
Nanded-Parbhani	IntraState	25/04/2017	11.10	25/04/2017	15.07	HT	In view of ntps-parly ckt u/o
Parli 3(Old Gcr)-Parli Newtps Ckt-2	IntraState	25/04/2017	11.22	25/04/2017	15.03	PO	To attend the work of conductor snapping of wt.
New Koyna - Loteparshuram	IntraState	25/04/2017	14.13	25/04/2017	20.30	PO	Routine Maintenance Work
Padgha-Temghar-II	IntraState	25/04/2017	21.58	26/04/2017	04.37	HT	To control ICT loading
Padgha - Temghar I	IntraState	25/04/2017	21.58	26/04/2017	04.37	HT	To control ICT loading
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)
220/132kv 200MVA ICT-III @ Nanded	IntraState	22/04/2017	10.24	25/04/2017	12.47	PO	Oil Filtration of ICT
220/132 KV 100MVA ICT @ Kawlewadi	IntraState	25/04/2017	06.15	25/04/2017	09.50	PO	Attending Oil Leakage
220/132 Kv 100 Mva Ict 2 @Tuljapur	IntraState	25/04/2017	09.11	25/04/2017	11.11	PO	Quarterly Maintanance 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/2017

Statement-VII

Position as on 6.30 Hrs of 26/Apr/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Deepnagar- Nimbhora	IntraState	25/04/2017	12.36	25/04/2017	12.49	T	Distance Protection
Padegaon Garware	IntraState	25/04/2017	12.39	25/04/2017	14.12	T	Distance Protection