

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 06/Apr/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	167.338	916.603	1) Gujrat	1.432	3.638
2) Hydro	15.163	100.293	2) Madhya Pradesh	11.040	64.170
3) Gas	10.676	54.848	3) Chattisgarh	4.710	23.360
Total MSPGCL	193.177	1071.744	4) Maharashtra Net	133.896	770.171
B) 1) APML	31.099	294.554	5) Goa (Amona)	-0.726	-3.848
2) JSWEL	23.754	114.172	Total	150.352	857.491
3) VIPL	14.218	84.149	a) Mumbai Schedule	27.867	143.368
4) RPL(AMT)	22.638	148.185	b) Mumbai Drawl	28.153	166.493
5) WPCL	3.896	23.838	c) MSEDCL Bilateral *	39.813	180.407
6) PGPL	0.000	0.000	Include PX	8.820	14.663
7) Other IPP	3.389	22.542	d) Mumbai Bilateral *	27.867	143.368
C) 1) TPCL Thermal	17.380	93.486	Include PX	4.973	15.918
2) TPCL Hydro	3.334	17.475	Include Standby	0.000	0.000
3) TPCL Gas	4.543	27.216	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.077	67.087	1) MSEDCL	432.471	2549.403
D) STATE			2) Mumbai Discoms	65.487	371.759
1) Thermal	295.789	1764.616	TOTAL STATE	497.958	2921.162
(A1+C1+C4+(B1-B6))					
2) Hydro	18.497	117.768			
(A2+C2)					
3) Gas	15.219	82.064			
(A3+B6+C3)					
4) Wind	16.546	90.642			
6) SOLAR	1.555	8.579			
TOTAL STATE	347.606	2063.669			

* 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 4 Hrs
MSPGCL Thermal	6935	6994	6933	7140
MSPGCL Hydro	1523	1356	447	187
MSPGCL Gas	438	438	443	454
MSPGCL Total Generation	8896	8788	7823	7781
Central Sector Receipt	7013	7095	5841	5414
WIND	502	537	641	722
CPP / IPP Thermal	4055	4079	4368	3948
CPP / IPP Gas	0	0	0	0
SOLAR	203	213	0	0
Exchange with Mumbai	-1485	-1493	-1428	-633
MSEDCL DEMAND MET	19184	19219	17245	17232
Load Shedding	0	0	0	0
MSEDCL DEMAND	19184	19219	17245	17232
TPCL GENERATION	1283	1271	1015	898
R-INFRA GENERATION	495	503	501	507
MUMBAI DEMAND	3263	3267	2944	2038
STATE DEMAND MET	22447	22486	20189	19270
STATE DEMAND	22447	22486	20189	19270
Frequency (Hz)	50.00	49.99	49.93	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 09.02 Hrs	49.77 Hz at 21.05 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 06/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	3.74	22.80	160	135
Unit 8	13.54	82.18	630	455
Unit 9	13.72	79.81	636	495
Unit 10	0.00	0.00	0	0
Total	31.00	184.79		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.36	26.14	195	160
Unit 4	11.39	65.77	505	360
Unit 5	11.30	65.76	500	365
Total	27.06	157.66		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.64	34.62	254	200
Unit 7	5.63	32.68	245	227
Unit 8	0.00	0.00	0	0
Total	11.27	67.30		
Chandrapur				
Unit 3	4.75	28.10	201	195
Unit 4	4.66	27.83	198	182
Unit 5	10.60	26.93	450	435
Unit 6	10.24	61.36	435	415
Unit 7	0.00	0.00	0	0
Unit 8	8.81	51.33	400	338
Unit 9	11.55	45.32	510	433
Total	50.62	240.87		
Paras				
Unit 3	6.03	35.32	255	247
Unit 4	5.86	20.36	250	224
Total	11.89	55.68		
Khaparkheda				
Unit 1	4.11	23.94	180	160
Unit 2	4.29	25.23	190	165
Unit 3	4.43	25.44	195	172
Unit 4	4.12	23.64	180	150
Unit 5	10.35	62.37	470	370
Total	27.30	160.62		
Nasik				
Unit 3	4.16	24.97	195	165
Unit 4	0.00	0.00	0	0
Unit 5	4.04	24.70	187	160
Total	8.20	49.68		
Uran				
All Units	10.68	54.85	463	418
Total	10.68	54.85		
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)	0.05	0.36	24	0
Total	0.05	0.36		
Koyna				
Stage 1-2	3.79	29.38	525	40
Stage 4	6.27	34.80	750	0
Stage 3	2.11	14.31	216	0
Total	12.17	78.50		
Hydro				
KDPH	0.38	2.36	16	16
VTRNA	0.85	7.18	60	0
TILLARI	0.00	0.28	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.83	80	0
RNGR+BHTSA	0.32	1.84	14	13
BHANDARDRA	0.50	3.01	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.43	3.51	26	15
GHATGHAR	0.39	2.78	130	0
Total	2.99	21.80		
Wind				
Total	16.55	90.64	0	0
Total	16.55	90.64		
CPP				
APML(Mus)	31.10	294.55	0	0
JSWEL(Mus)	23.75	114.17	0	0
VIPL(Mus)	14.22	84.15	0	0
RPLAMT(Mus)	22.64	148.18	0	0
WPCL(Mus)	3.90	23.84	0	0
Other(Mus)	3.39	22.54	0	0
Total	98.99	687.44		
SOLAR				
Total	1.56	8.58	0	0
Total	1.56	8.58		
Tata				
Trombay 5	11.80	61.02	495	480
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	17.52	123	121
Trombay 7B	1.62	9.70	68	67
Trombay 8	5.58	32.46	241	199
TATA Hydro	3.33	17.48	364	29
Total	25.26	138.18		
R-INFRA				
DTPS U-1&2	12.08	67.09	507	495
Total	12.08	67.09		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	167.34	916.60	MSPGCL Total	193.18	1071.74
			MSPGCL Thml+Gas	178.01	971.45	Koyna 1,2 & 4 Total	10.06	64.18
			MSPGCL Hydro	15.16	100.29	State Total	347.61	2063.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Apr/2017

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	7007	1064	449	8520	881	3966	0	0	5732	5577	-1086	17858	0	17858	2508	20366	49.97
2	7052	606	452	8110	908	3958	0	0	5549	5594	-900	17670	0	17670	2325	19995	49.99
3	7151	228	452	7831	821	3968	0	0	5451	5389	-702	17307	0	17307	2125	19432	49.96
4	7140	187	454	7781	722	3948	0	0	5438	5414	-633	17232	0	17232	2038	19270	49.99
5	7143	187	453	7783	837	3935	0	0	5418	5659	-597	17617	0	17617	1985	19602	49.99
6	7127	291	453	7871	971	3938	0	0	5843	5884	-643	18021	0	18021	2047	20068	49.99
7	7113	460	463	8036	968	3928	0	0	6150	5980	-737	18175	0	18175	2150	20325	50.00
8	7079	262	441	7782	636	3943	0	37	6464	6599	-751	18246	0	18246	2249	20495	50.03
9	7080	190	448	7718	430	3968	0	98	6682	7078	-1077	18215	0	18215	2616	20831	50.03
10	7073	495	457	8025	507	4042	0	147	6543	6876	-1251	18346	0	18346	2856	21202	50.05
11	6969	896	448	8313	448	4047	0	188	6858	6955	-1492	18459	0	18459	3175	21634	50.01
12	6935	1523	438	8896	502	4055	0	203	6963	7013	-1485	19184	0	19184	3263	22447	50.00
13	6994	1356	438	8788	537	4079	0	213	6945	7095	-1493	19219	0	19219	3267	22486	49.99
14	6932	1197	418	8547	543	4083	0	201	6949	6989	-1469	18894	0	18894	3142	22036	49.98
15	6932	1190	435	8557	634	4074	0	193	6903	7031	-1475	19014	0	19014	3203	22217	49.97
16	6991	1351	444	8786	637	4152	0	141	6915	6746	-1489	18973	0	18973	3231	22204	49.93
17	7003	801	441	8245	731	4149	0	97	7016	7125	-1495	18852	0	18852	3188	22040	49.97
18	6979	202	429	7610	883	4253	0	35	6583	6396	-1585	17592	0	17592	3129	20721	49.96
19	6926	175	440	7541	844	4372	0	2	6191	5622	-1427	16954	0	16954	2954	19908	49.95
20	6933	447	443	7823	641	4368	0	0	5986	5841	-1428	17245	0	17245	2944	20189	49.93
21	6832	425	450	7707	600	4370	0	0	5799	5932	-1340	17269	0	17269	2902	20171	49.96
22	6680	460	435	7575	626	4367	0	0	5718	5766	-1196	17138	0	17138	2782	19920	49.89
23	6652	380	445	7477	594	4518	0	0	5686	5759	-1181	17167	0	17167	2743	19910	49.89
24	6615	790	450	7855	645	4510	0	0	5752	6032	-1221	17821	0	17821	2665	20486	49.93
MUs	167.34	15.16	10.68	193.18	16.55	98.99	0.00	1.56	149.53	150.35	-28.15	432.47	0.00	432.47	65.49	497.96	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 06/Apr/2017

Position as on 6.30 Hrs of 07/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
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	Koyana STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vabration high	
MSPGCL	Nasik Unit 4	210	25/03/2017	05.45		Continued.	BTL continued under zero schedule by MSEDCL w.e.f. 26.03.2017 at 00:00	
MSPGCL	Parli Unit 8	250	31/03/2017	12.55		Continued.	Low furnace pressure	
IPP	Adani U-3	660	03/04/2017	01.22		Continued.	Reduction in Hydrogen Pressure.	
IPP	Adani U-1	660	04/04/2017	12.52		Continued.	Bearing vibration high	
CPP	SWPGL U-4	135	05/04/2017	15.00	06/04/2017	10.43	SSP Conveyor Belt Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 07/Apr/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	07/04/2017	00.46		Continued.	PO	Replacement of Faulty Thyristor Valve-2.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	05/04/2017	19.17	06/04/2017	07.26	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	06/04/2017	18.51		Continued.	HT	Over Voltage
Dabhol New koyna I	InterState	07/04/2017	04.50		Continued.	T	Distance Protection
Deepnagar - Aurangabad	IntraState	05/04/2017	02.43	06/04/2017	00.57	T	Distance Protection
Chandrapur-II - Nanded ckt II	IntraState	06/04/2017	09.56	06/04/2017	18.08	PO	Line Maintenance Work.
Lonikand2-Lonikand1 (Intrconector)	IntraState	06/04/2017	16.25	06/04/2017	20.17	PO	Routine Maintenance Work
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.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	06/04/2017	09.56	06/04/2017	15.33	PO	Testing of Buchholz Relay & Pump Trials.
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.
Trombay MSETCL Tie 1	IntraState	05/04/2017	12.33		Continued.	PO	Relay and scada panel replacement
Bableshwar- Alephata ckt I	IntraState	06/04/2017	06.28	06/04/2017	19.10	PO	Maintenance Work.
Trombay - Mulund	IntraState	06/04/2017	08.35	07/04/2017	01.30	PO	C T Replacement.
satara MIDC- Malharpeth	IntraState	06/04/2017	10.24	06/04/2017	15.25	PO	Line Signature Analysis.
Trombay - Kalwa	IntraState	06/04/2017	10.30	06/04/2017	16.58	T	D.P.B Ph Fault(Tripped @Kalwa End Only) Jumper Break.
Taloja II - OCIL-I	IntraState	06/04/2017	10.30	06/04/2017	14.11	PO	Tree Cutting Work.
Wardha-Yeotmal	IntraState	06/04/2017	11.47	06/04/2017	18.51	PO	Disc 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)
220/132KV 100MVA ICT-I@Kathapur	IntraState	06/04/2017	10.17	06/04/2017	14.10	PO	Replacement of Faulty Buchholz Relay.

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