

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Apr/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	161.784	1676.886	1) Gujrat	2.547	16.229
2) Hydro	13.968	162.348	2) Madhya Pradesh	7.888	114.555
3) Gas	10.536	107.877	3) Chattisgarh	4.470	47.030
Total MSPGCL	186.288	1947.111	4) Maharashtra Net	132.982	1432.253
B) 1) APML	45.032	504.213	5) Goa (Amona)	-0.616	-6.884
2) JSWEL	22.683	227.566	Total	147.271	1603.183
3) VIPL	13.660	154.027	a) Mumbai Schedule	27.084	270.886
4) RPL(AMT)	29.615	288.944	b) Mumbai Drawl	31.185	297.567
5) WPCL	4.860	46.859	c) MSEDCL Bilateral *	35.016	380.221
6) PGPL	0.000	0.000	Include PX	0.051	29.980
7) Other IPP	3.455	42.200	d) Mumbai Bilateral *	27.084	270.886
C) 1) TPCL Thermal	15.516	168.703	Include PX	4.080	30.304
2) TPCL Hydro	5.477	39.147	Include Standby	0.000	0.000
3) TPCL Gas	4.486	49.748	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.573	123.633	1) MSEDCL	433.559	4677.774
D) STATE			2) Mumbai Discoms	68.246	678.811
1) Thermal	308.178	3233.031	TOTAL STATE	501.805	5356.585
(A1+C1+C4+(B1-B6))					
2) Hydro	19.445	201.495			
(A2+C2)					
3) Gas	15.022	157.625			
(A3+B6+C3)					
4) Wind	10.373	145.080			
6) SOLAR	1.507	16.158			
TOTAL STATE	354.525	3753.389			

* 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 5 Hrs
MSPGCL Thermal	6880	7082	6876	6381
MSPGCL Hydro	1146	1685	575	150
MSPGCL Gas	421	422	441	450
MSPGCL Total Generation	8447	9189	7892	6981
Central Sector Receipt	6387	6481	6020	5786
WIND	393	195	179	834
CPP / IPP Thermal	5068	5114	4910	4596
CPP / IPP Gas	0	0	0	0
SOLAR	199	143	0	0
Exchange with Mumbai	-1575	-1570	-1429	-985
MSEDCL DEMAND MET	18919	19552	17572	17212
Load Shedding	0	0	0	0
MSEDCL DEMAND	18919	19552	17572	17212
TPCL GENERATION	1325	1374	1143	688
R-INFRA GENERATION	491	498	464	390
MUMBAI DEMAND	3391	3442	3036	2063
STATE DEMAND MET	22310	22994	20608	19275
STATE DEMAND	22310	22994	20608	19275
Frequency (Hz)	49.97	49.94	49.94	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.30 Hrs	49.76 Hz at 22.10 Hrs	49.96	% 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 11/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	3.76	41.91	165	145
Unit 8	13.14	138.68	552	530
Unit 9	14.52	143.46	635	537
Unit 10	1.62	1.62	196	0
Total	33.03	325.67		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.14	46.39	185	160
Unit 4	8.50	109.60	360	350
Unit 5	8.60	110.08	370	350
Total	21.24	266.07		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.77	63.78	250	200
Unit 7	3.15	39.71	248	0
Unit 8	0.66	0.66	100	0
Total	9.57	104.16		
Chandrapur				
Unit 3	4.77	52.17	204	195
Unit 4	4.74	51.49	201	190
Unit 5	10.76	80.28	457	437
Unit 6	10.26	113.14	439	398
Unit 7	0.00	0.00	0	0
Unit 8	8.18	90.08	393	292
Unit 9	11.43	99.19	500	440
Total	50.16	486.36		
Paras				
Unit 3	6.00	65.02	255	220
Unit 4	5.92	49.46	257	206
Total	11.93	114.48		
Khaparkheda				
Unit 1	4.24	43.56	190	160
Unit 2	4.20	44.02	180	160
Unit 3	3.68	45.07	200	0
Unit 4	4.22	43.50	181	155
Unit 5	11.44	115.46	500	390
Total	27.79	291.61		
Nasik				
Unit 3	0.00	36.00	0	0
Unit 4	4.03	7.50	170	164
Unit 5	4.05	45.05	174	165
Total	8.08	88.54		
Uran				
All Units	10.54	107.88	453	421
Total	10.54	107.88		
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)	0.26	0.92	49	0
Total	0.26	0.92		
Koyna				
Stage 1-2	3.79	48.56	525	40
Stage 4	4.84	50.54	760	0
Stage 3	1.79	22.34	240	0
Total	10.42	121.44		
Hydro				
KDPH	0.74	5.98	31	31
VTRNA	0.00	9.07	0	0
TILLARI	0.00	1.70	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	2.01	80	0
RNGR+BHTSA	0.31	3.07	14	13
BHANDARDRA	0.51	5.55	43	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	6.22	30	19
GHATGHAR	1.20	7.31	250	0
Total	3.55	40.91		
Wind				
Total	10.37	145.08	0	0
Total	10.37	145.08		
CPP				
APML(Mus)	45.03	504.21	0	0
JSWEL(Mus)	22.68	227.57	0	0
VIPL(Mus)	13.66	154.03	0	0
RPLAMT(Mus)	29.62	288.94	0	0
WPCL(Mus)	4.86	46.86	0	0
Other(Mus)	3.46	42.20	0	0
Total	119.30	1263.81		
SOLAR				
Total	1.51	16.16	0	0
Total	1.51	16.16		
Tata				
Trombay 5	10.23	110.13	495	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.88	31.99	122	118
Trombay 7B	1.61	17.76	68	66
Trombay 8	5.28	58.57	242	187
TATA Hydro	5.48	39.15	459	0
Total	25.48	257.60		
R-INFRA				
DTPS U-1&2	11.57	123.63	508	387
Total	11.57	123.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	161.78	1676.89	MSPGCL Total	186.29	1947.11
			MSPGCL Thml+Gas	172.32	1784.76	Koyna 1,2 & 4 Total	8.63	99.10
			MSPGCL Hydro	13.97	162.35	State Total	354.52	3753.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	6496	826	448	7770	493	4892	0	0	5815	5982	-1185	17952	0	17952	2645	20597	49.90
2	6483	439	449	7371	626	4878	0	0	5708	5818	-996	17697	0	17697	2417	20114	49.97
3	6446	143	449	7038	717	4905	0	0	5661	5559	-841	17378	0	17378	2244	19622	49.99
4	6459	115	449	7023	790	4747	0	0	5657	5762	-939	17383	0	17383	2107	19490	49.98
5	6381	150	450	6981	834	4596	0	0	5657	5786	-985	17212	0	17212	2063	19275	49.95
6	6406	246	450	7102	868	4871	0	0	5698	5937	-1021	17757	0	17757	2128	19885	49.96
7	6455	385	450	7290	843	4974	0	0	5748	6124	-930	18301	0	18301	2175	20476	49.99
8	6523	281	453	7257	741	5017	0	37	5966	5893	-929	18016	0	18016	2337	20353	49.98
9	6671	199	441	7311	477	5020	0	91	6131	6395	-1107	18187	0	18187	2558	20745	49.98
10	6710	183	424	7317	452	5037	0	139	6309	6235	-1473	17707	0	17707	3025	20732	49.98
11	6847	788	429	8064	429	5041	0	179	6373	6455	-1470	18698	0	18698	3225	21923	49.99
12	6880	1146	421	8447	393	5068	0	199	6425	6387	-1575	18919	0	18919	3391	22310	49.97
13	6907	1113	431	8451	190	5090	0	210	6449	6619	-1542	19018	0	19018	3413	22431	49.94
14	7024	1093	431	8548	172	5107	0	199	6384	6611	-1507	19130	0	19130	3341	22471	49.98
15	7026	1280	421	8727	176	5113	0	181	6393	6608	-1575	19230	0	19230	3432	22662	49.95
16	7082	1685	422	9189	195	5114	0	143	6397	6481	-1570	19552	0	19552	3442	22994	49.94
17	6995	1319	436	8750	247	5108	0	91	6424	6611	-1556	19251	0	19251	3317	22568	50.01
18	7006	416	430	7852	168	5012	0	37	6431	6697	-1779	17987	0	17987	3350	21337	49.97
19	6602	199	443	7244	185	4720	0	1	6327	6358	-1679	16829	0	16829	3049	19878	49.97
20	6876	575	441	7892	179	4910	0	0	5906	6020	-1429	17572	0	17572	3036	20608	49.94
21	6899	210	443	7552	243	5015	0	0	5630	5520	-1289	17041	0	17041	2974	20015	49.96
22	6867	195	434	7496	296	5168	0	0	5700	5603	-1277	17286	0	17286	2848	20134	49.91
23	6860	345	445	7650	322	4994	0	0	5941	5915	-1265	17616	0	17616	2857	20473	49.91
24	6883	637	446	7966	337	4908	0	0	6020	5895	-1266	17840	0	17840	2863	20703	49.92
MUs	161.78	13.97	10.54	186.29	10.37	119.31	0.00	1.51	145.15	147.27	-31.18	433.56	0.00	433.56	68.24	501.80	49.96

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 11/Apr/2017

Position as on 6.30 Hrs of 12/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	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10	11/04/2017	04.24	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	Koyna STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vabration high	
MSPGCL	Parli Unit 8	250	31/03/2017	12.55	11/04/2017	07.54	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	
MSPGCL	Parli Unit 7	250	07/04/2017	16.20	11/04/2017	06.35	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	09/04/2017	15.50		Continued.	tripped on boiler feed pump problem.	
MSPGCL	Khaparkheda Unit 3	210	11/04/2017	04.22	11/04/2017	08.06	Flame Failure	
MSPGCL	Parli Unit 8	250	11/04/2017	12.06	11/04/2017	17.07	Drum level low	
MSPGCL	Koradi Unit 10	660	11/04/2017	17.55		Continued.	BFP Problem.	
IPP	VIPL U-2	300	11/04/2017	22.36		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 12/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	10/04/2017	20.21	11/04/2017	07.09	HT	Over Voltage
Talegaon PG - Aurangabad - II	InterState	11/04/2017	10.07	11/04/2017	17.55	PO	Power Grid Outage.
Kolhapur Solapur (PG) II	InterState	11/04/2017	10.30		Continued.	EO	Taken on TBC to Attend Hot Spot.
Kolhapur Solapur (PG) II	InterState	12/04/2017	03.48	12/04/2017	05.46	T	Dist Prot. B Ph to Earth.
Koradi III(Adani)-Korad II Ckt-I	IntraState	11/04/2017	09.26	11/04/2017	19.25	PO	R Ph CVT Replacement Work.
Akola II - RPL(Rattanindia) Ckt I	IntraState	11/04/2017	09.34	11/04/2017	10.13	T	Distance Protection
Khadka - Bableshtar	IntraState	11/04/2017	19.42	11/04/2017	23.36	EO	Attending Hot Spot
karad -kolhapur-I	IntraState	12/04/2017	03.48		Continued.	T	Dist Prot. B Ph to Earth Z-1.
karad -kolhapur-II	IntraState	12/04/2017	04.12	12/04/2017	05.19	T	Dist Prot. Y Ph to Earth Z-1.
N.Koyna-Karad -Ckt I	IntraState	12/04/2017	04.25		Continued.	T	Dist Prot. Z-1,R-E Trip.
Jejuri- Koynastage-IV	IntraState	12/04/2017	04.27	12/04/2017	05.25	T	Dist Prot. Z-1,Y-E Trip.
karad -kolhapur-II	IntraState	12/04/2017	05.19		Continued.	T	Tripped Again.Dist.Prot. Y Ph to Earth Zone-1.
Jejuri- Koynastage-IV	IntraState	12/04/2017	05.25		Continued.	T	Dist.Prot. Z-1,Y-E Trip.
Lonikand I - Koyna stage-IV	IntraState	12/04/2017	05.28		Continued.	T	Dist Prot Z-1 B-E Trip, Trial Taken Again Tripped @ 06.15 Hrs.
N.Koyna-Karad -Ckt II	IntraState	12/04/2017	05.41		Continued.	T	Dist Prot.Z-1 Y-E Trip.
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 Kv 500 Mva ICT- I @Jejuri	IntraState	11/04/2017	00.51	11/04/2017	03.37	PO	Load Trimming Modification.
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	11/04/2017	03.43	11/04/2017	05.15	PO	Load Trimming Modification.
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
Adlabs - Pedambe	IntraState	07/04/2017	07.20		Continued.	PO	R.M & C T Replacement Work.
Sawantwadi-Bidri	IntraState	11/04/2017	08.55	11/04/2017	18.44	PO	Line Maintenance work
Mudshingi-Wathar	IntraState	11/04/2017	09.54	11/04/2017	15.55	PO	Cold Line Insulator String Washing Work.
Parli 3 (Old Gcr)-Osmanabad	IntraState	11/04/2017	10.11	11/04/2017	14.10	PO	Disc Insulator Replacement.
Loteparshuram- Dasturi Line	IntraState	11/04/2017	12.10	11/04/2017	15.32	PO	Quarterly Maintainance Work
Talandge(400kv)- Ichalkaranji 2	IntraState	12/04/2017	06.09		Continued.	T	Dist Prot.Z-1, B-E Trip.
Talandge-Mudshingi Ckt-I	IntraState	12/04/2017	06.11		Continued.	T	Dist Prot.Z-1, B-E Trip.
Uran - Kharghar 2	IntraState	12/04/2017	06.20	12/04/2017	06.53	T	Distance Protection
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)
132 KV LINE Outages/Trippings							
Warwat Bakal-Khamgaon	IntraState	09/04/2017	21.16	11/04/2017	00.25	T	Abnormal Sound in Bus PT.
Ambazari-Pardi	IntraState	11/04/2017	14.20	11/04/2017	16.34	T	Distance Protection
Khapri-Besa	IntraState	11/04/2017	14.22	11/04/2017	14.59	T	Distance Protection

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