

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Apr/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.069	591.848	1) Gujrat	0.187	0.656
2) Hydro	26.635	61.605	2) Madhya Pradesh	12.110	41.350
3) Gas	9.770	33.482	3) Chattisgarh	4.810	15.670
Total MSPGCL	186.474	686.935	4) Maharashtra Net	125.496	499.378
B) 1) APML	37.699	234.543	5) Goa (Amona)	-0.660	-2.442
2) JSWEL	16.901	66.463	Total	141.943	554.612
3) VIPL	14.225	55.712	a) Mumbai Schedule	22.692	90.648
4) RPL(AMT)	26.056	104.301	b) Mumbai Drawl	26.591	110.506
5) WPCL	4.605	17.014	c) MSEDCL Bilateral *	28.454	105.909
6) PGPL	0.000	0.000	Include PX	-0.280	-2.389
7) Other IPP	3.621	15.529	d) Mumbai Bilateral *	22.692	90.648
C) 1) TPCL Thermal	16.899	59.071	Include PX	1.189	8.949
2) TPCL Hydro	3.449	10.538	Include Standby	0.000	0.000
3) TPCL Gas	4.537	18.138	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.823	42.900	1) MSEDCL	422.313	1686.560
D) STATE			2) Mumbai Discoms	63.300	241.154
1) Thermal	281.898	1187.381	TOTAL STATE	485.613	1927.714
(A1+C1+C4+(B1-B6))					
2) Hydro	30.084	72.143			
(A2+C2)					
3) Gas	14.307	51.620			
(A3+B6+C3)					
4) Wind	15.879	56.488			
6) SOLAR	1.501	5.469			
TOTAL STATE	343.669	1373.101			

* 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	6354	6381	6246	6002
MSPGCL Hydro	1900	1803	1220	160
MSPGCL Gas	426	267	408	450
MSPGCL Total Generation	8680	8451	7874	6612
Central Sector Receipt	6585	6199	5876	5521
WIND	194	657	1014	848
CPP / IPP Thermal	4336	3764	3720	4871
CPP / IPP Gas	0	0	0	0
SOLAR	206	132	0	0
Exchange with Mumbai	-1343	-1322	-1317	-835
MSEDCL DEMAND MET	18658	17881	17167	17017
Load Shedding	514	395	0	0
MSEDCL DEMAND	19172	18276	17167	17017
TPCL GENERATION	1353	1277	1045	723
R-INFRA GENERATION	500	502	506	389
MUMBAI DEMAND	3196	3101	2868	1947
STATE DEMAND MET	21854	20982	20035	18964
STATE DEMAND	22368	21377	20035	18964
Frequency (Hz)	49.96	49.93	49.97	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.01 Hrs	49.78 Hz at 16.10 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 04/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	3.84	15.26	165	155
Unit 8	14.44	55.92	649	461
Unit 9	14.07	55.84	640	467
Unit 10	0.00	0.00	0	0
Total	32.36	127.02		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.44	17.22	195	165
Unit 4	11.11	42.34	510	350
Unit 5	11.10	42.42	510	345
Total	26.65	101.98		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.91	23.00	250	224
Unit 7	5.51	22.31	245	209
Unit 8	0.00	0.00	0	0
Total	11.43	45.31		
Chandrapur				
Unit 3	4.73	18.71	199	195
Unit 4	4.66	18.58	196	191
Unit 5	0.00	11.40	0	0
Unit 6	10.35	41.17	440	408
Unit 7	0.00	0.00	0	0
Unit 8	7.46	33.89	331	280
Unit 9	10.48	22.04	500	370
Total	37.69	145.79		
Paras				
Unit 3	5.98	23.36	252	245
Unit 4	0.00	10.51	0	0
Total	5.98	33.87		
Khaparkheda				
Unit 1	3.74	15.82	185	115
Unit 2	4.34	16.60	190	170
Unit 3	4.37	16.51	195	163
Unit 4	4.20	15.24	175	174
Unit 5	10.74	40.89	495	420
Total	27.39	105.06		
Nasik				
Unit 3	4.25	16.48	195	165
Unit 4	0.00	0.00	0	0
Unit 5	4.33	16.34	203	164
Total	8.58	32.82		
Uran				
All Units	9.77	33.48	460	267
Total	9.77	33.48		
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)	0.09	0.31	23	0
Total	0.09	0.31		
Koyna				
Stage 1-2	7.08	18.17	590	40
Stage 4	10.74	19.16	764	0
Stage 3	3.95	8.58	240	0
Total	21.77	45.91		
Hydro				
KDPH	0.40	1.58	17	16
VTRNA	1.23	4.94	59	0
TILLARI	0.00	0.28	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	0.61	57	0
RNGR+BHTSA	0.31	1.21	13	12
BHANDARDRA	0.50	2.00	39	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.56	2.66	38	17
GHATGHAR	1.74	2.39	250	0
Total	4.86	15.69		
Wind				
Total	15.88	56.49	0	0
Total	15.88	56.49		
CPP				
APML(Mus)	37.70	234.54	0	0
JSWEL(Mus)	16.90	66.46	0	0
VIPL(Mus)	14.22	55.71	0	0
RPLAMT(Mus)	26.06	104.30	0	0
WPCL(Mus)	4.60	17.01	0	0
Other(Mus)	3.62	15.53	0	0
Total	103.11	493.56		
SOLAR				
Total	1.50	5.47	0	0
Total	1.50	5.47		
Tata				
Trombay 5	11.22	37.81	494	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	11.68	122	120
Trombay 7B	1.62	6.46	68	66
Trombay 8	5.67	21.26	249	201
TATA Hydro	3.45	10.54	427	0
Total	24.88	87.75		
R-INFRA				
DTPS U-1&2	11.82	42.90	508	388
Total	11.82	42.90		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.07	591.85	MSPGCL Total	186.47	686.94
			MSPGCL Thml+Gas	159.84	625.33	Koyna 1,2 & 4 Total	17.83	37.33
			MSPGCL Hydro	26.64	61.60	State Total	343.67	1373.10

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 04/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	6076	713	449	7238	792	5030	0	0	5636	5746	-1027	17779	0	17779	2449	20228	49.93
2	6017	376	450	6843	834	5023	0	0	5470	5322	-791	17231	0	17231	2220	19451	49.96
3	6021	175	450	6646	832	5022	0	0	5415	5286	-708	17078	0	17078	2058	19136	49.94
4	6002	160	450	6612	848	4871	0	0	5401	5521	-835	17017	0	17017	1947	18964	49.97
5	6032	186	460	6678	921	4783	0	0	5408	5588	-819	17151	0	17151	1912	19063	49.96
6	6029	309	451	6789	913	4958	0	0	5446	5857	-731	17786	0	17786	1977	19763	49.95
7	6201	940	452	7593	773	4961	0	1	5469	5432	-639	18121	0	18121	2077	20198	50.03
8	6348	898	452	7698	372	4946	0	35	5677	6201	-679	18573	0	18573	2206	20779	50.02
9	6281	1458	453	8192	241	4782	0	90	5738	5815	-840	18280	0	18280	2442	20722	49.99
10	6290	1400	432	8122	186	4710	0	141	5856	6168	-1290	18037	0	18037	2864	20901	49.99
11	6283	1925	445	8653	149	4576	0	171	6000	6111	-1476	18184	45	18229	3190	21419	49.98
12	6354	1900	426	8680	194	4336	0	206	6080	6585	-1343	18658	514	19172	3196	22368	49.96
13	6370	1428	419	8217	207	4068	0	209	6095	5984	-1346	17339	698	18037	3129	21166	49.95
14	6447	1808	290	8545	396	3787	0	197	5965	6059	-1327	17657	671	18328	3044	21372	49.96
15	6354	1965	283	8602	537	3786	0	189	5958	5984	-1339	17759	474	18233	3088	21321	49.90
16	6381	1803	267	8451	657	3764	0	132	5943	6199	-1322	17881	395	18276	3101	21377	49.93
17	6358	1562	310	8230	780	3703	0	94	6055	6388	-1285	17910	307	18217	3028	21245	49.92
18	6370	1416	295	8081	1045	3711	0	33	6000	6447	-1277	18040	0	18040	2952	20992	49.99
19	6280	547	341	7168	1070	3732	0	3	5922	6031	-1222	16782	0	16782	2807	19589	50.00
20	6246	1220	408	7874	1014	3720	0	0	5691	5876	-1317	17167	0	17167	2868	20035	49.97
21	6269	930	436	7635	948	3742	0	0	5445	5696	-1285	16736	0	16736	2755	19491	49.97
22	6323	804	447	7574	755	3707	0	0	5589	5782	-1327	16491	0	16491	2753	19244	49.95
23	6423	1237	446	8106	740	3694	0	0	5601	5789	-1214	17115	0	17115	2640	19755	50.00
24	6314	1475	458	8247	675	3692	0	0	5610	6076	-1152	17538	0	17538	2596	20134	49.98
MUs	150.07	26.64	9.77	186.47	15.88	103.11	0.00	1.50	137.47	141.94	-26.59	422.31	3.10	425.42	63.30	488.72	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 04/Apr/2017

Position as on 6.30 Hrs of 05/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	
IPP	JSW (J) U2	300	01/12/2016	00.00	04/04/2017	23.32	No Schedule	
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	
MSPGCL	Chandrapur Unit 5	500	02/04/2017	03.35		Continued.	Boiler Tube Leakage	
IPP	Adani U-3	660	03/04/2017	01.22		Continued.	Reduction in Hydrogen Pressure.	
MSPGCL	Paras Unit 4	250	03/04/2017	14.31	05/04/2017	06.20	Drum level low	
IPP	Adani U-1	660	04/04/2017	12.52		Continued.	Bearing vibration high	
MSPGCL	Uran Unit 6	108	04/04/2017	13.02	04/04/2017	16.30	Filter replacement work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 05/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 I	InterState	03/04/2017	21.22	04/04/2017	07.23	HT	Over Voltage
Dabhol Nagothane II	InterState	04/04/2017	14.01	04/04/2017	19.56	T	Distance Protection
Dhule Sar'Sarovar II	InterState	04/04/2017	20.07	05/04/2017	06.28	HT	Over Voltage
Babhaleshwar - Bhusawal II	IntraState	04/04/2017	14.27	04/04/2017	16.27	T	Distance Protection
Bhusawal-Aurangabad	IntraState	04/04/2017	14.31	04/04/2017	14.50	T	Distance Protection
Deepnagar - Aurangabad	IntraState	05/04/2017	02.43		Continued.	T	Distance Protection
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 600 MVA ICT-II @Kalwa	IntraState	05/04/2017	05.36		Continued.	EO	Attending Hot Spot
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	04/04/2017	05.39	04/04/2017	06.19	T	Breaker tripped at amona end only.
Tillari Amona	InterState	04/04/2017	05.39	04/04/2017	06.19	T	Breaker tripped at amona end only.
Wardha Deoli (Pg)	InterState	04/04/2017	10.35	04/04/2017	18.16	PO	Line Maintenance work
Boisar(MS) - Boisar (PG) II	InterState	04/04/2017	11.57	04/04/2017	12.21	PO	Routine Maintenance Work
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.
Nanded-Waghale I	IntraState	03/04/2017	22.35	04/04/2017	01.00	EO	To attend Hot Spot
Khaparkheda-Kanhan	IntraState	04/04/2017	16.56	04/04/2017	19.10	T	Distance Protection
Butibori - Khaperkheda	IntraState	04/04/2017	18.20	04/04/2017	19.16	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)
220/132 Kv 100 Mva Ict 2 @Paranda	IntraState	04/04/2017	08.50	04/04/2017	11.55	PO	Quarterly Maintainance Work

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