

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Apr/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	153.336	1069.939	1) Gujrat	1.511	5.149
2) Hydro	8.158	108.451	2) Madhya Pradesh	11.518	75.688
3) Gas	10.695	65.543	3) Chattisgarh	5.460	28.820
Total MSPGCL	172.189	1243.933	4) Maharashtra Net	135.441	905.612
B) 1) APML	35.972	330.526	5) Goa (Amona)	-0.638	-4.486
2) JSWEL	23.636	137.808	Total	153.292	1010.783
3) VIPL	13.790	97.939	a) Mumbai Schedule	28.219	171.587
4) RPL(AMT)	26.397	174.582	b) Mumbai Drawl	27.901	194.394
5) WPCL	4.734	28.572	c) MSEDCL Bilateral *	43.477	223.884
6) PGPL	0.000	0.000	Include PX	8.159	22.822
7) Other IPP	3.610	26.152	d) Mumbai Bilateral *	28.219	171.587
C) 1) TPCL Thermal	14.627	108.113	Include PX	5.333	21.251
2) TPCL Hydro	5.137	22.612	Include Standby	0.000	0.000
3) TPCL Gas	4.535	31.751	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.098	78.185	1) MSEDCL	423.963	2973.366
D) STATE			2) Mumbai Discoms	63.300	435.059
1) Thermal	287.200	2051.816	TOTAL STATE	487.263	3408.425
(A1+C1+C4+(B1-B6))					
2) Hydro	13.295	131.063			
(A2+C2)					
3) Gas	15.230	97.294			
(A3+B6+C3)					
4) Wind	16.681	107.323			
6) SOLAR	1.563	10.142			
TOTAL STATE	333.969	2397.638			

* 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	6635	6647	5891	6490
MSPGCL Hydro	391	277	551	248
MSPGCL Gas	431	439	446	453
MSPGCL Total Generation	7457	7363	6888	7191
Central Sector Receipt	7122	7301	6319	5270
WIND	400	381	645	1002
CPP / IPP Thermal	4473	4618	4275	4526
CPP / IPP Gas	0	0	0	0
SOLAR	204	221	0	0
Exchange with Mumbai	-1367	-1304	-1316	-658
MSEDCL DEMAND MET	18289	18580	16811	17331
Load Shedding	0	0	0	0
MSEDCL DEMAND	18289	18580	16811	17331
TPCL GENERATION	1339	1381	1135	853
R-INFRA GENERATION	505	506	388	506
MUMBAI DEMAND	3211	3191	2839	2017
STATE DEMAND MET	21500	21771	19650	19348
STATE DEMAND	21500	21771	19650	19348
Frequency (Hz)	49.97	49.94	49.95	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.01 Hrs	49.79 Hz at 22.20 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 07/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	3.81	26.61	165	150
Unit 8	10.86	93.05	519	400
Unit 9	11.05	90.85	520	403
Unit 10	0.00	0.00	0	0
Total	25.72	210.51		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.09	30.22	195	160
Unit 4	9.88	75.66	500	355
Unit 5	9.96	75.72	500	355
Total	23.93	181.60		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.65	40.28	250	195
Unit 7	3.88	36.57	248	0
Unit 8	0.00	0.00	0	0
Total	9.54	76.84		
Chandrapur				
Unit 3	4.78	32.89	202	192
Unit 4	4.72	32.55	200	192
Unit 5	10.59	37.52	450	425
Unit 6	10.40	71.76	443	421
Unit 7	0.00	0.00	0	0
Unit 8	8.29	59.62	370	310
Unit 9	11.86	57.18	500	461
Total	50.64	291.51		
Paras				
Unit 3	5.71	41.04	255	199
Unit 4	5.59	25.95	250	195
Total	11.30	66.98		
Khaparkheda				
Unit 1	3.52	27.46	170	125
Unit 2	3.48	28.72	170	100
Unit 3	3.47	28.91	175	113
Unit 4	3.60	27.23	180	131
Unit 5	10.00	72.37	464	380
Total	24.07	184.69		
Nasik				
Unit 3	4.12	29.10	175	165
Unit 4	0.00	0.00	0	0
Unit 5	4.01	28.72	170	163
Total	8.14	57.81		
Uran				
All Units	10.70	65.54	464	423
Total	10.70	65.54		
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)	0.10	0.46	40	0
Total	0.10	0.46		
Koyna				
Stage 1-2	2.82	32.20	530	40
Stage 4	0.51	35.31	200	0
Stage 3	0.85	15.16	80	0
Total	4.18	82.67		
Hydro				
KDPH	0.59	2.96	32	16
VTRNA	1.44	8.62	60	59
TILLARI	0.40	0.68	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	1.09	80	0
RNGR+BHTSA	0.32	2.16	14	13
BHANDARDRA	0.51	3.52	42	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.47	3.97	27	16
GHATGHAR	0.00	2.78	0	0
Total	3.98	25.78		
Wind				
Total	16.68	107.32	0	0
Total	16.68	107.32		
CPP				
APML(Mus)	35.97	330.53	0	0
JSWEL(Mus)	23.64	137.81	0	0
VIPL(Mus)	13.79	97.94	0	0
RPLAMT(Mus)	26.40	174.58	0	0
WPCL(Mus)	4.73	28.57	0	0
Other(Mus)	3.61	26.15	0	0
Total	108.14	795.58		
SOLAR				
Total	1.56	10.14	0	0
Total	1.56	10.14		
Tata				
Trombay 5	9.48	70.50	494	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	20.44	122	120
Trombay 7B	1.62	11.32	68	67
Trombay 8	5.14	37.61	242	201
TATA Hydro	5.14	22.61	459	0
Total	24.30	162.48		
R-INFRA				
DTPS U-1&2	11.10	78.18	508	388
Total	11.10	78.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	153.34	1069.94	MSPGCL Total	172.19	1243.93
			MSPGCL Thml+Gas	164.03	1135.48	Koyna 1,2 & 4 Total	3.33	67.51
			MSPGCL Hydro	8.16	108.45	State Total	333.97	2397.64

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	6615	928	452	7995	709	4474	0	0	5846	5573	-1094	17657	0	17657	2505	20162	49.96
2	6598	653	453	7704	703	4454	0	0	5676	5666	-869	17658	0	17658	2285	19943	49.98
3	6572	248	452	7272	820	4466	0	0	5577	5575	-710	17423	0	17423	2098	19521	49.96
4	6490	248	453	7191	1002	4526	0	0	5558	5270	-658	17331	0	17331	2017	19348	49.98
5	6509	238	463	7210	899	4554	0	0	5575	5497	-727	17433	0	17433	1976	19409	49.97
6	6591	397	454	7442	922	4557	0	0	5769	6141	-803	18259	0	18259	2037	20296	49.97
7	6714	289	455	7458	919	4534	0	1	6326	6457	-749	18620	0	18620	2125	20745	50.00
8	6700	231	464	7395	824	4526	0	37	6675	6540	-798	18524	0	18524	2245	20769	49.99
9	6602	283	447	7332	643	4366	0	96	6865	6991	-1342	18086	0	18086	2598	20684	49.96
10	6443	464	444	7351	433	4390	0	147	6654	6603	-1434	17490	0	17490	2808	20298	49.98
11	6532	431	428	7391	445	4377	0	184	7125	7128	-1581	17944	0	17944	3151	21095	49.99
12	6635	391	431	7457	400	4473	0	204	7164	7122	-1367	18289	0	18289	3211	21500	49.97
13	6647	277	439	7363	381	4618	0	221	7154	7301	-1304	18580	0	18580	3191	21771	49.94
14	6666	189	436	7291	509	4672	0	196	7088	7095	-1298	18465	0	18465	3054	21519	49.99
15	6651	174	423	7248	532	4663	0	190	7130	6930	-1374	18189	0	18189	3083	21272	49.94
16	6591	179	441	7211	614	4658	0	153	7140	7247	-1345	18538	0	18538	3095	21633	49.96
17	6253	186	433	6872	874	4493	0	95	7107	6940	-1506	17768	0	17768	3040	20808	49.97
18	5943	288	443	6674	993	4382	0	38	6377	6628	-1479	17236	0	17236	2941	20177	49.97
19	5846	327	434	6607	835	4316	0	1	6180	5911	-1446	16224	0	16224	2800	19024	49.98
20	5891	551	446	6888	645	4275	0	0	6002	6319	-1316	16811	0	16811	2839	19650	49.95
21	5826	478	447	6751	630	4368	0	0	5905	6135	-1278	16606	0	16606	2724	19330	50.00
22	5827	184	449	6460	709	4488	0	0	5863	5942	-1154	16445	0	16445	2577	19022	49.95
23	6040	249	454	6743	656	4625	0	0	5936	6022	-1138	16908	0	16908	2488	19396	49.91
24	6154	275	454	6883	584	4881	0	0	6004	6259	-1131	17476	0	17476	2410	19886	49.93
MUs	153.34	8.16	10.70	172.19	16.68	108.14	0.00	1.56	152.70	153.29	-27.90	423.96	0.00	423.96	63.30	487.26	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 07/Apr/2017

Position as on 6.30 Hrs of 08/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	Koyna 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	
MSPGCL	Parli Unit 7	250	07/04/2017	16.20		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 08/Apr/2017

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 - I	IntraState	08/04/2017	05.01		Continued.	EO	Attending Hot Spot
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	07/04/2017	00.46	07/04/2017	07.14	PO	Replacement of Faulty Thyristor Valve-2.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	06/04/2017	18.51	07/04/2017	07.35	HT	Over Voltage
Dabhol New koyna I	InterState	07/04/2017	04.50	07/04/2017	17.41	T	Distance Protection
Talegaon PG-Aurangabad-I	InterState	07/04/2017	08.23	07/04/2017	18.52	PO	Routine Maintenance Work
Dhule Sar'Sarovar II	InterState	07/04/2017	19.42		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	07/04/2017	13.50	07/04/2017	16.48	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.
400/220KV 315MVA ICT-II @Akola	IntraState	07/04/2017	09.21	07/04/2017	21.11	PO	Testing & Inspection Work,RM.
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
Trombay - Mulund	IntraState	06/04/2017	08.35	07/04/2017	01.30	PO	C T Replacement.
Adlabs - Pedambe	IntraState	07/04/2017	07.20		Continued.	PO	Routine Maintenance Work
Bableshtar - Bhenda	IntraState	07/04/2017	09.00	07/04/2017	17.33	PO	765 KV Line Crossing Work.
Babhaleshtar - Degaon Rangari	IntraState	07/04/2017	09.04	07/04/2017	10.52	PO	765 KV Line Crossing Work.
Sawantwadi-Bidri	IntraState	07/04/2017	09.45	07/04/2017	15.25	PO	Insulator Washing Work.
Mudshingi-Wathar	IntraState	07/04/2017	09.56	07/04/2017	17.40	PO	Routine Maintenance Work
Apta - Talaja	IntraState	07/04/2017	10.50	07/04/2017	17.27	PO	Tree Cutting Work.
Koradi-Khaparkheda	IntraState	07/04/2017	12.02	07/04/2017	20.58	PO	Relay Testing Work of Line.
Karad -Mudshingi Ckt- IV	IntraState	07/04/2017	16.10	07/04/2017	17.57	PO	Taken on TBC for Breaker Testing.
Talandge(400kv)- Ichalkaranji 2	IntraState	07/04/2017	16.10	07/04/2017	19.04	PO	RMW & Hot Spot Attending.
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)
220/100 Kv 100 Mva Vijai Ict 1 @Jambhul	IntraState	07/04/2017	08.39	07/04/2017	17.45	PO	Routine Maintenance Work
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	07/04/2017	09.50	07/04/2017	15.35	PO	LV CT Tandelta Work & RMW.
132 KV LINE Outages/Trippings							
Bhandara-Kardha	IntraState	06/04/2017	23.09	07/04/2017	23.50	T	Backup Protection Operated O/C & E/F.
Beed - Raimoha	IntraState	07/04/2017	04.33	07/04/2017	05.08	T	Distance Protection
Whirlpool- Indian Smelting	IntraState	07/04/2017	13.01	07/04/2017	14.13	T	Distance Protection
Harangul - Nilanga	IntraState	07/04/2017	14.38	07/04/2017	14.52	T	Distance Protection

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