

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	92.078	357.727	1) Gujrat	2.817	1.370
2) Hydro	4.186	18.957	2) Madhya Pradesh	17.507	65.105
3) Gas	6.454	22.862	3) Chattisgarh	9.550	35.020
Total MSPGCL	102.718	399.546	4) Maharashtra Net	82.607	326.990
B) 1) APML	67.198	263.371	5) Goa (Amona)	-0.374	-1.694
2) JSWEL	9.051	32.142	Total	112.107	426.791
3) VIPL	5.813	22.597	a) Mumbai Schedule	21.490	78.215
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	30.670	116.072
5) WPCL	4.994	13.959	c) MSEDCL Bilateral *	18.866	69.021
6) PGPL	0.000	0.000	Include PX	2.103	5.439
7) Other IPP	3.002	11.981	d) Mumbai Bilateral *	21.490	78.215
C) 1) TPCL Thermal	13.154	44.865	Include PX	6.983	22.263
2) TPCL Hydro	5.619	20.031	Include Standby	0.000	0.000
3) TPCL Gas	3.061	12.421	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.850	38.764	1) MSEDCL	329.471	1265.664
D) STATE			2) Mumbai Discoms	62.355	232.154
1) Thermal	205.140	785.406	TOTAL STATE	391.826	1497.818
(A1+C1+C4+(B1-B6))					
2) Hydro	9.805	38.988			
(A2+C2)					
3) Gas	9.515	35.283			
(A3+B6+C3)					
4) Wind	54.026	205.101			
6) SOLAR	1.232	6.248			
TOTAL STATE	279.718	1071.026			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4080	3561	4232	3539
MSPGCL Hydro	185	343	257	48
MSPGCL Gas	252	243	363	241
MSPGCL Total Generation	4517	4147	4852	3828
Central Sector Receipt	5337	5434	4493	3970
WIND	2424	2556	1820	2211
CPP / IPP Thermal	3942	3597	4125	3536
CPP / IPP Gas	0	0	0	0
SOLAR	119	121	0	0
Exchange with Mumbai	-1138	-1731	-1129	-811
MSEDCL DEMAND MET	15201	14124	14161	12734
Load Shedding	0	0	0	0
MSEDCL DEMAND	15201	14124	14161	12734
TPCL GENERATION	886	1016	1159	672
R-INFRA GENERATION	459	389	455	390
MUMBAI DEMAND	2483	3136	2743	1873
STATE DEMAND MET	17684	17260	16904	14607
STATE DEMAND	17684	17260	16904	14607
Frequency (Hz)	50.04	49.97	49.89	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 01.45 Hrs	49.68 Hz at 19.48 Hrs	49.98	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/Jul/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	0.00	0.00	0	0
Unit 8	9.82	35.91	480	310
Unit 9	8.68	34.45	505	290
Unit 10	9.73	30.93	544	335
Total	28.22	101.29		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.22	17.14	191	163
Unit 5	9.04	36.14	405	360
Unit 6	9.22	37.42	435	360
Unit 7	9.44	38.30	444	354
Unit 8	9.55	39.30	490	350
Unit 9	9.31	38.77	453	349
Total	50.78	207.08		
Paras				
Unit 3	5.06	20.08	252	182
Unit 4	0.00	0.00	0	0
Total	5.06	20.08		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Nasik				
Unit 3	0.00	0.49	0	0
Unit 4	4.02	16.08	187	156
Unit 5	4.00	12.72	179	157
Total	8.01	29.28		
Uran				
All Units	6.45	22.86	390	231
Total	6.45	22.86		
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)	0.14	1.04	45	0
Total	0.14	1.04		
Koyna				
Stage 1-2	2.00	9.04	220	40
Stage 4	0.00	0.63	0	0
Stage 3	0.90	3.91	160	0
Total	2.90	13.58		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.34	0	0
TILLARI	0.12	1.11	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	1.73	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.16	1.22	7	6
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.02	0.02	1	1
GHATGHAR	0.55	0.95	250	0
Total	1.28	5.38		
Wind				
Total	54.03	205.10	0	0
Total	54.03	205.10		
CPP				
APML(Mus)	67.20	263.37	0	0
JSWEL(Mus)	9.05	32.14	0	0
VIPL(Mus)	5.81	22.60	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.99	13.96	0	0
Other(Mus)	3.00	11.98	0	0
Total	90.06	344.05		
SOLAR				
Total	1.23	6.25	0	0
Total	1.23	6.25		
Tata				
Trombay 5	8.11	32.00	478	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.81	7.71	115	62
Trombay 7B	1.25	4.71	65	47
Trombay 8	5.04	12.86	249	199
TATA Hydro	5.62	20.03	387	34
Total	21.83	77.32		
R-INFRA				
DTPS U-1&2	9.85	38.76	507	388
Total	9.85	38.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	92.08	357.73	MSPGCL Total	102.72	399.55
			MSPGCL Thml+Gas	98.53	380.59	Koyna 1,2 & 4 Total	2.00	9.67
			MSPGCL Hydro	4.19	18.96	State Total	279.72	1071.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/Jul/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	4046	72	240	4358	2247	3718	0	0	3942	4058	-1170	13211	0	13211	2260	15471	50.00
2	3703	58	252	4013	2264	3533	0	0	3798	4034	-949	12895	0	12895	2035	14930	50.03
3	3609	53	249	3911	2191	3543	0	0	3506	3948	-864	12729	0	12729	1954	14683	50.02
4	3539	48	241	3828	2211	3536	0	0	3494	3970	-811	12734	0	12734	1873	14607	50.03
5	3586	58	249	3893	2311	3544	0	0	3969	3952	-801	12899	0	12899	1871	14770	49.98
6	3627	153	251	4031	2388	3553	0	0	4188	4641	-871	13742	0	13742	1956	15698	49.99
7	3943	217	253	4413	2401	3776	0	13	4671	4717	-808	14512	0	14512	2083	16595	50.02
8	4061	208	241	4510	2367	3941	0	54	4801	4904	-915	14861	0	14861	2302	17163	50.03
9	4080	185	252	4517	2424	3942	0	119	4960	5337	-1138	15201	0	15201	2483	17684	50.04
10	4127	198	238	4563	2418	3963	0	131	4802	4992	-1550	14517	0	14517	2918	17435	50.02
11	4071	191	239	4501	2613	3946	0	123	4900	4771	-1775	14179	0	14179	3166	17345	49.95
12	3599	299	245	4143	2555	3744	0	130	5238	5497	-1790	14279	0	14279	3197	17476	50.01
13	3561	343	243	4147	2556	3597	0	121	5210	5434	-1731	14124	0	14124	3136	17260	49.97
14	3576	298	232	4106	2434	3561	0	135	5115	5240	-1668	13808	0	13808	3042	16850	49.98
15	3528	153	231	3912	2448	3559	0	127	5127	5311	-1666	13691	0	13691	3071	16762	49.93
16	3650	252	243	4145	2231	3564	0	130	5127	5427	-1649	13848	0	13848	3054	16902	49.95
17	3677	232	232	4141	2370	3585	0	90	4549	4909	-1643	13452	0	13452	3047	16499	49.96
18	3663	201	250	4114	2216	3495	0	46	4376	4690	-1534	13027	0	13027	2938	15965	49.96
19	3728	337	275	4340	2030	3495	0	13	4298	4732	-1446	13164	0	13164	2849	16013	50.00
20	4071	232	282	4585	1947	3864	0	0	4698	4704	-1360	13740	0	13740	2796	16536	49.91
21	4232	257	363	4852	1820	4125	0	0	4297	4493	-1129	14161	0	14161	2743	16904	49.89
22	4139	47	390	4576	1789	4178	0	0	3955	4034	-912	13665	0	13665	2608	16273	49.94
23	4143	47	380	4570	1905	4187	0	0	4126	4034	-1181	13515	0	13515	2548	16063	49.97
24	4119	47	383	4549	1890	4109	0	0	4104	4278	-1309	13517	0	13517	2424	15941	50.02
MUs	92.08	4.19	6.45	102.72	54.03	90.06	0.00	1.23	107.25	112.11	-30.67	329.47	0.00	329.47	62.35	391.83	49.98

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/Jul/2017

Position as on 6.30 Hrs of 05/Jul/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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
MSPGCL	Khaparkhedda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 4	250	21/06/2017	00.04		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
IPP	JSW (J) U4	300	04/07/2017	20.41		Continued.	Annual Overhaul	
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	
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	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure(converted to Zero Schedule from 00.00Hrs DT.13th Jun 17)	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swapping with unit-5(converted to Zero Schedule from 00.00Hrs DT.15th Jun 17)	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Jul/2017

Position as on 6.30 Hrs of 05/Jul/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01		Continued.	Zero Schedule By MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 6	250	14/06/2017	00.02		Continued.	Zero schedule by MSEDCL.	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 4	500	24/06/2017	00.38		Continued.	Hydrogen Gas Leakage.	
MSPGCL	Bhusawal Unit 5	500	26/06/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	26/06/2017	10.20		Continued.	BTL (Converted to Zero Schedule from 20.00Hrs DT.27 June 2017)	
MSPGCL	Khaparkheda Unit 3	210	27/06/2017	23.50		Continued.	zero schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 1	210	27/06/2017	23.51		Continued.	zero schedule by MSEDCL.	
IPP	JSW (J) U1	300	28/06/2017	13.29	04/07/2017	16.14	water leakage.	
MSPGCL	Khaparkheda Unit 5	500	28/06/2017	23.58		Continued.	zero schedule by MSEDCL	
MSPGCL	Uran Unit 5	108	30/06/2017	00.50	04/07/2017	17.45	Routine Maintenance Work	
MSPGCL	Nasik Unit 3	210	01/07/2017	03.25		Continued.	BTL (converted to Zero Schedule from 10.00Hrs DT.04th July 17)	

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

Statement-VII

Position as on 6.30 Hrs of 05/Jul/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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	22/06/2017	18.30	04/07/2017	10.52	T	Over Voltage
Koradi Satpur	InterState	04/07/2017	03.58	04/07/2017	16.26	T	Over Voltage
Dhule Sar'Sarovar II	InterState	04/07/2017	18.24		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	23/06/2017	17.07		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/06/2017	17.02		Continued.	HT	Over Voltage
Koradi-India Bulls	IntraState	30/06/2017	18.01	04/07/2017	19.26	T	Distance Protection
Ektuni-Bableshwar ckt II	IntraState	01/07/2017	08.19		Continued.	HT	load control.
N.Koyna-Karad -Ckt II	IntraState	03/07/2017	10.18	04/07/2017	09.01	PO	Auto reclose testing work.
Karad-Jaigad - I	IntraState	03/07/2017	18.26	04/07/2017	09.27	HT	Over Voltage
Koradi-Khaperkheda li	IntraState	04/07/2017	03.54	04/07/2017	19.15	T	Over Voltage
Chandrapur - Khaperkheda	IntraState	04/07/2017	03.58	04/07/2017	19.06	T	Over Voltage
New Koyna - Dabhol - li	IntraState	04/07/2017	08.06	04/07/2017	20.40	PO	CVT Replacement
Karad - Jaigad - II	IntraState	04/07/2017	21.07		Continued.	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	05/07/2017	03.17		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	04/07/2017	20.54	05/07/2017	2.37	EO	To attend Hot Spot
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
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.
Walchandnagar-Bhigwan	IntraState	04/06/2017	17.29		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Pophali - Pedambe II	IntraState	17/06/2017	17.00		Continued.	PO	CT REPLACEMENT WORK
Pophali - Kdph	IntraState	23/06/2017	08.45		Continued.	T	Distance Protection
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Shivajinagar-Gangapur	IntraState	04/07/2017	01.47	04/07/2017	10.13	T	LBB Relay problem
Kalwa - Airoli Knowledge Park	IntraState	04/07/2017	06.04	04/07/2017	10.07	PO	Creek side Bus outage
Main Bus I @ Kalwa	IntraState	04/07/2017	06.05	04/07/2017	10.04	EO	To attend Hot Spot
Wani-Warora	IntraState	04/07/2017	09.50	04/07/2017	16.40	PO	Disconnection of B Phase Bus to Isolator Jumpers and reconnection
Chandrapur GCR - Sicom I	IntraState	04/07/2017	11.57	04/07/2017	20.10	PO	Replacement and Re Stringing of missing E/W
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	04/07/2017	12.55	04/07/2017	18.53	PO	Back up relay retrofitting work
Mahad - Pedambe	IntraState	04/07/2017	13.01	04/07/2017	17.21	EO	To attend Hot Spot
Eklahare (Gcr) - Airoli Know Park	IntraState	04/07/2017	13.03	04/07/2017	16.11	EO	To attend Hot Spot
Kalmeshwar-Kalmeshwar Rly Tss 1	IntraState	04/07/2017	13.07	04/07/2017	17.29	PO	Back up relay retrofitting work
Anandnagar - Pal	IntraState	04/07/2017	13.10	04/07/2017	21.30	PO	Coupling Capacitor Jumper open

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 04/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 05/Jul/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	04/07/2017	13.35	04/07/2017	15.38	PO	Line Maintenance 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)
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	04/07/2017	05.52	04/07/2017	10.08	PO	Creek side Bus outage
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	04/07/2017	05.55	04/07/2017	10.08	PO	Creek side Bus outage
220/132-110kv 200mva Ptr 1 @Oglewadi	IntraState	04/07/2017	10.21	04/07/2017	15.21	PO	Routine Maintenance Work
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	04/07/2017	14.42	04/07/2017	17.43	PO	Fire Prot.system FDR Problem