

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Jul/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.892	1773.037	1) Gujrat	0.968	13.016
2) Hydro	5.103	106.273	2) Madhya Pradesh	17.469	299.679
3) Gas	9.056	144.504	3) Chattisgarh	7.040	136.300
Total MSPGCL	113.051	2023.814	4) Maharashtra Net	84.916	1524.253
B) 1) APML	47.137	1020.625	5) Goa (Amona)	-0.462	-7.370
2) JSWEL	14.382	210.214	Total	109.931	1965.878
3) VIPL	5.394	104.484	a) Mumbai Schedule	20.021	370.053
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.805	479.776
5) WPCL	1.872	52.217	c) MSEDCL Bilateral *	13.990	364.672
6) PGPL	0.000	0.000	Include PX	-2.717	49.362
7) Other IPP	3.350	50.327	d) Mumbai Bilateral *	20.021	370.053
C) 1) TPCL Thermal	12.058	229.638	Include PX	5.740	118.434
2) TPCL Hydro	4.936	75.540	Include Standby	0.000	0.000
3) TPCL Gas	4.389	61.995	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.236	174.980	1) MSEDCL	317.315	5733.991
D) STATE			2) Mumbai Discoms	57.424	1021.926
1) Thermal	192.321	3615.522	TOTAL STATE	374.739	6755.917
(A1+C1+C4+(B1-B6))					
2) Hydro	10.039	181.813			
(A2+C2)					
3) Gas	13.445	206.499			
(A3+B6+C3)					
4) Wind	47.372	757.096			
6) SOLAR	1.631	29.112			
TOTAL STATE	264.808	4790.042			

* 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	4081	4093	4486	4010
MSPGCL Hydro	213	158	456	87
MSPGCL Gas	324	350	401	414
MSPGCL Total Generation	4618	4601	5343	4511
Central Sector Receipt	5680	5554	4364	3523
WIND	2013	2010	1983	1795
CPP / IPP Thermal	3039	2909	3416	2817
CPP / IPP Gas	0	0	0	0
SOLAR	180	201	0	0
Exchange with Mumbai	-1563	-1509	-1193	-659
MSEDCL DEMAND MET	13967	13766	13913	11987
Load Shedding	0	0	0	0
MSEDCL DEMAND	13967	13766	13913	11987
TPCL GENERATION	1052	1056	1027	642
R-INFRA GENERATION	385	384	384	385
MUMBAI DEMAND	3000	2949	2604	1686
STATE DEMAND MET	16967	16715	16517	13673
STATE DEMAND	16967	16715	16517	13673
Frequency (Hz)	50.01	49.99	49.95	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.02 Hrs	49.84 Hz at 06.12 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 17/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	7.47	161.19	318	307
Unit 9	6.89	154.32	293	280
Unit 10	7.47	158.32	350	300
Total	21.83	473.82		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.01	52.33	500	297
Unit 5	0.00	22.97	0	0
Total	9.01	75.29		
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	4.07	73.96	180	164
Unit 5	8.56	155.53	375	343
Unit 6	9.21	163.03	435	354
Unit 7	9.06	165.64	420	360
Unit 8	8.28	152.61	367	288
Unit 9	8.61	163.13	364	350
Total	47.80	873.90		
Paras				
Unit 3	4.92	87.82	248	186
Unit 4	2.15	2.15	143	0
Total	7.07	89.97		
Khaparkheda				
Unit 1	0.00	13.54	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	16.68	0	0
Unit 4	0.00	21.01	0	0
Unit 5	9.26	78.10	500	365
Total	9.26	129.34		
Nasik				
Unit 3	3.92	30.20	165	160
Unit 4	0.00	41.20	0	0
Unit 5	0.00	59.31	0	0
Total	3.92	130.71		
Uran				
All Units	9.06	144.50	423	250
Total	9.06	144.50		
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)	0.15	2.74	47	0
Total	0.15	2.74		
Koyna				
Stage 1-2	1.86	45.15	200	40
Stage 4	0.00	18.38	0	0
Stage 3	1.23	22.58	80	0
Total	3.10	86.10		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.47	0	0
TILLARI	0.60	1.83	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.48	7.04	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.76	5.09	32	31
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.10	0.56	5	4
GHATGHAR	0.07	4.17	71	0
Total	2.01	20.17		
Wind				
Total	47.37	757.10	0	0
Total	47.37	757.10		
CPP				
APML(Mus)	47.14	1020.62	0	0
JSWEL(Mus)	14.38	210.21	0	0
VIPL(Mus)	5.39	104.48	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	1.87	52.22	0	0
Other(Mus)	3.35	50.33	0	0
Total	72.14	1437.87		
SOLAR				
Total	1.63	29.11	0	0
Total	1.63	29.11		
Tata				
Trombay 5	7.24	149.70	305	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	38.68	122	88
Trombay 7B	1.56	23.32	67	56
Trombay 8	4.82	79.94	203	197
TATA Hydro	4.94	75.54	362	0
Total	21.38	367.17		
R-INFRA				
DTPS U-1&2	9.24	174.98	386	383
Total	9.24	174.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	98.89	1773.04	MSPGCL Total	113.05	2023.81
			MSPGCL Thml+Gas	107.95	1917.54	Koyna 1,2 & 4 Total	1.86	63.52
			MSPGCL Hydro	5.10	106.27	State Total	264.81	4790.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	4015	221	412	4648	1973	2790	0	0	3904	3718	-908	12221	0	12221	2022	14243	49.99
2	3979	94	401	4474	2003	2824	0	0	3670	3509	-767	12043	0	12043	1872	13915	49.99
3	3999	77	410	4486	2018	2811	0	0	3275	3357	-710	11962	0	11962	1762	13724	49.97
4	4010	87	414	4511	1795	2817	0	0	3289	3523	-659	11987	0	11987	1686	13673	49.98
5	3988	92	423	4503	1650	2827	0	0	3749	3948	-660	12268	0	12268	1691	13959	49.97
6	4019	88	412	4519	1570	2835	0	0	4373	4563	-693	12794	0	12794	1804	14598	49.99
7	4235	162	400	4797	1610	3031	0	13	5159	5095	-776	13770	0	13770	1923	15693	49.97
8	4217	167	339	4723	1673	3221	0	66	5345	5433	-948	14168	0	14168	2146	16314	49.98
9	4177	205	262	4644	1731	3224	0	136	5566	5681	-1121	14295	0	14295	2396	16691	49.97
10	4028	281	250	4559	1862	3109	0	182	5396	5463	-1406	13769	0	13769	2813	16582	49.98
11	4054	201	284	4539	2120	3105	0	175	5446	5399	-1499	13839	0	13839	2933	16772	50.00
12	4081	213	324	4618	2013	3039	0	180	5745	5680	-1563	13967	0	13967	3000	16967	50.01
13	4093	158	350	4601	2010	2909	0	201	5557	5554	-1509	13766	0	13766	2949	16715	49.99
14	4101	203	398	4702	2014	2893	0	206	4782	5114	-1413	13516	0	13516	2855	16371	49.98
15	4064	341	389	4794	2010	2880	0	167	4927	5192	-1364	13679	0	13679	2801	16480	49.97
16	4062	206	400	4668	2163	2865	0	158	4913	5055	-1361	13548	0	13548	2798	16346	49.96
17	4107	376	399	4882	2123	2833	0	98	4217	4802	-1322	13416	0	13416	2764	16180	50.01
18	4110	234	390	4734	2313	2789	0	45	4172	4565	-1300	13146	0	13146	2737	15883	49.99
19	4293	432	400	5125	2068	2994	0	4	3942	4333	-1246	13278	0	13278	2663	15941	49.99
20	4486	456	401	5343	1983	3416	0	0	4207	4364	-1193	13913	0	13913	2604	16517	49.95
21	4511	286	403	5200	2053	3488	0	0	4107	4314	-1153	13902	0	13902	2504	16406	49.98
22	4233	240	392	4865	2109	3303	0	0	4040	3996	-1176	13097	0	13097	2346	15443	50.00
23	4049	163	401	4613	2273	3078	0	0	4039	3857	-1086	12735	0	12735	2235	14970	50.00
24	3981	120	402	4503	2235	3052	0	0	3755	3416	-972	12234	0	12234	2120	14354	49.97
MUs	98.89	5.10	9.06	113.05	47.37	72.13	0.00	1.63	107.57	109.93	-26.81	317.31	0.00	317.31	57.42	374.74	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 17/Jul/2017

Position as on 6.30 Hrs of 18/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	17/07/2017	06.06	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	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
IPP	Adani U-3	660	14/07/2017	23.48		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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Jul/2017

Position as on 6.30 Hrs of 18/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-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	
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	
CPP	SWPGL U-3	135	07/07/2017	12.11		Continued.	ID Fan Problem	
MSPGCL	Nasik Unit 4	210	10/07/2017	14.28		Continued.	Boiler validity extention.	
MSPGCL	Khaparkheda Unit 1	210	11/07/2017	23.53		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	12/07/2017	08.40		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low	
MSPGCL	Bhusawal Unit 5	500	15/07/2017	05.59		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koyana Unit 10	80	15/07/2017	19.15		Continued.	Tripped due to GT Got Fire	
MSPGCL	Nasik Unit 5	210	16/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 4	500	17/07/2017	23.46		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 10	660	18/07/2017	01.02		Continued.	Auxiliary supply failure	
MSPGCL	Koradi Unit-8	660	18/07/2017	01.25	18/07/2017	05.57	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 18/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 II	InterState	12/07/2017	20.45		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/07/2017	21.48		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/07/2017	18.11		Continued.	HT	Over Voltage
karad - kolhapur-II	IntraState	13/07/2017	18.27		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	16/07/2017	02.45	17/07/2017	12.17	T	Distance Protection
Ektuni-Bableswhar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	hand tripped to control load
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-I@Parly	IntraState	05/07/2017	16.42		Continued.	PO	replacement of r-ph unit with overhauled unit.
400/220KV 500MVA ICT1@koradi 2	IntraState	18/07/2017	02.13		Continued.	T	PRV Operated
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.
Tillari Amona	InterState	17/07/2017	23.50		Continued.	T	Distance Protection
Mahalakshmi Amona	InterState	17/07/2017	23.50	18/07/2017	00.16	T	Tripped Amona end only
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.
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Kharghar-Borivali ckt II	IntraState	07/07/2017	12.23		Continued.	T	Distance Protection
Mahad - Pedambe	IntraState	16/07/2017	23.05	17/07/2017	11.22	T	Distance Protection
Pedhambe - Oni	IntraState	17/07/2017	09.34	17/07/2017	16.10	PO	On Bus Outage for Jumper Replacement
Kalwa - Siemens	IntraState	17/07/2017	10.26	17/07/2017	17.47	PO	for safety purpose, construction work
Kalwa - Taloja	IntraState	17/07/2017	12.04	17/07/2017	14.05	PO	CT leakage
Halkarni - Tillari II	IntraState	18/07/2017	02.10	18/07/2017	02.25	T	Distance Protection
Halkarni - Tillari II	IntraState	18/07/2017	04.35	18/07/2017	04.45	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)
220/132/11 Kv 200 Mva Cgl lct 2 @Amravati	IntraState	17/07/2017	10.13	17/07/2017	19.22	PO	Tan Delta Measurment of CTs

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