

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 18/Jul/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	90.642	1863.679	1) Gujrat	0.999	14.015
2) Hydro	9.941	116.014	2) Madhya Pradesh	14.466	314.145
3) Gas	9.319	153.823	3) Chattisgarh	7.530	143.830
Total MSPGCL	109.902	2133.516	4) Maharashtra Net	88.134	1612.387
B) 1) APML	51.702	1072.327	5) Goa (Amona)	-0.594	-7.964
2) JSWEL	14.594	224.808	Total	110.535	2076.413
3) VIPL	5.972	110.456	a) Mumbai Schedule	20.655	390.708
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.332	503.108
5) WPCL	2.005	54.222	c) MSEDCL Bilateral *	12.507	377.179
6) PGPL	0.000	0.000	Include PX	-2.717	46.645
7) Other IPP	3.021	53.348	d) Mumbai Bilateral *	20.655	390.708
C) 1) TPCL Thermal	13.730	243.368	Include PX	5.740	124.174
2) TPCL Hydro	4.839	80.379	Include Standby	0.000	0.000
3) TPCL Gas	4.435	66.430	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.498	185.478	1) MSEDCL	317.240	6051.031
D) STATE			2) Mumbai Discoms	56.834	1078.760
1) Thermal	192.164	3807.686	TOTAL STATE	374.074	7129.791
(A1+C1+C4+(B1-B6))					
2) Hydro	14.780	196.393			
(A2+C2)					
3) Gas	13.754	220.253			
(A3+B6+C3)					
4) Wind	41.199	798.295			
6) SOLAR	1.642	30.754			
TOTAL STATE	263.539	5053.381			

* 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 14 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3990	3837	4225	3314
MSPGCL Hydro	498	203	362	102
MSPGCL Gas	369	380	391	387
MSPGCL Total Generation	4857	4420	4978	3803
Central Sector Receipt	5379	5200	4455	3777
WIND	1631	1954	1983	1401
CPP / IPP Thermal	3280	3115	3473	3336
CPP / IPP Gas	0	0	0	0
SOLAR	237	249	0	0
Exchange with Mumbai	-1251	-1258	-1040	-595
MSEDCL DEMAND MET	14133	13680	13849	11722
Load Shedding	0	0	0	0
MSEDCL DEMAND	14133	13680	13849	11722
TPCL GENERATION	1251	1014	1195	654
R-INFRA GENERATION	498	496	410	385
MUMBAI DEMAND	3000	2768	2645	1634
STATE DEMAND MET	17133	16448	16494	13356
STATE DEMAND	17133	16448	16494	13356
Frequency (Hz)	50.00	50.01	49.93	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.04 Hrs	49.77 Hz at 21.34 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 18/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	5.07	166.26	330	0
Unit 9	7.43	161.75	341	281
Unit 10	5.98	164.30	493	0
Total	18.48	492.31		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	52.33	0	0
Unit 5	0.00	22.97	0	0
Total	0.00	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	4.22	78.18	180	163
Unit 5	8.50	164.03	375	327
Unit 6	9.70	172.73	430	355
Unit 7	9.64	175.28	430	360
Unit 8	8.70	161.30	415	340
Unit 9	9.06	172.19	422	360
Total	49.81	923.71		
Paras				
Unit 3	5.00	92.82	245	190
Unit 4	3.93	6.08	217	113
Total	8.94	98.91		
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	9.27	87.37	490	310
Total	9.27	138.61		
Nasik				
Unit 3	4.14	34.34	200	160
Unit 4	0.00	41.20	0	0
Unit 5	0.00	59.31	0	0
Total	4.14	134.85		
Uran				
All Units	9.32	153.82	402	369
Total	9.32	153.82		
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)	0.16	2.90	47	0
Total	0.16	2.90		
Koyna				
Stage 1-2	3.16	48.32	445	40
Stage 4	1.48	19.86	500	0
Stage 3	2.74	25.12	160	0
Total	7.39	93.29		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.47	0	0
TILLARI	0.61	2.45	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	7.46	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.66	5.75	37	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.16	0.72	9	3
GHATGHAR	0.70	4.87	125	0
Total	2.55	22.72		
Wind				
Total	41.20	798.30	0	0
Total	41.20	798.30		
CPP				
APML(Mus)	51.70	1072.33	0	0
JSWEL(Mus)	14.59	224.81	0	0
VIPL(Mus)	5.97	110.46	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.00	54.22	0	0
Other(Mus)	3.02	53.35	0	0
Total	77.29	1515.16		
SOLAR				
Total	1.64	30.75	0	0
Total	1.64	30.75		
Tata				
Trombay 5	8.60	158.30	472	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.87	41.55	122	93
Trombay 7B	1.57	24.88	67	57
Trombay 8	5.13	85.07	243	198
TATA Hydro	4.84	80.38	379	2
Total	23.00	390.18		
R-INFRA				
DTPS U-1&2	10.50	185.48	499	384
Total	10.50	185.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	90.64	1863.68	MSPGCL Total	109.90	2133.52
			MSPGCL Thml+Gas	99.96	2017.50	Koyna 1,2 & 4 Total	4.65	68.17
			MSPGCL Hydro	9.94	116.01	State Total	263.54	5053.38

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	3693	103	392	4188	1982	2919	0	0	3638	3752	-741	12100	0	12100	1887	13987	49.99
2	3293	353	402	4048	1820	2904	0	0	3243	3924	-646	12051	0	12051	1754	13805	49.99
3	3250	231	398	3879	1489	3221	0	0	3470	3705	-603	11691	0	11691	1675	13366	49.95
4	3314	102	387	3803	1401	3336	0	0	3558	3777	-595	11722	0	11722	1634	13356	49.95
5	3386	176	396	3958	1451	3484	0	0	4041	3895	-579	12210	0	12210	1636	13846	49.98
6	3432	185	393	4010	1398	3513	0	0	4539	4833	-621	13133	0	13133	1760	14893	49.96
7	3562	681	383	4626	1242	3289	0	4	5249	5381	-596	13946	0	13946	1970	15916	49.91
8	3555	1251	394	5200	1242	3268	0	25	5294	5585	-705	14615	0	14615	2157	16772	50.02
9	3581	1232	380	5193	1504	3284	0	107	5371	5411	-859	14640	0	14640	2419	17059	49.96
10	3720	849	388	4957	1476	3291	0	175	5057	5083	-1057	13925	0	13925	2743	16668	49.97
11	3882	680	392	4954	1430	3284	0	160	5220	5195	-1193	13830	0	13830	2950	16780	50.02
12	3990	498	369	4857	1631	3280	0	237	5810	5379	-1251	14133	0	14133	3000	17133	50.00
13	3887	341	390	4618	1496	3266	0	264	5705	5300	-1381	13564	0	13564	2880	16444	49.99
14	3837	203	380	4420	1954	3115	0	249	5130	5200	-1258	13680	0	13680	2768	16448	50.01
15	3848	200	393	4441	2043	3086	0	225	5327	4932	-1279	13448	0	13448	2765	16213	49.99
16	3887	200	392	4479	2122	2946	0	104	5271	4980	-1275	13357	0	13357	2744	16101	49.93
17	3872	466	371	4709	2103	2870	0	55	4460	4680	-1296	13121	0	13121	2709	15830	50.00
18	3940	485	391	4816	2001	3046	0	29	4196	4353	-1304	12941	0	12941	2678	15619	49.93
19	4149	426	385	4960	2047	3110	0	8	4317	4436	-1233	13328	0	13328	2639	15967	49.98
20	4225	362	391	4978	1983	3473	0	0	4300	4455	-1040	13849	0	13849	2645	16494	49.93
21	4155	299	383	4837	1958	3613	0	0	4372	4204	-1021	13591	0	13591	2587	16178	49.97
22	4130	243	393	4766	1846	3481	0	0	4337	4142	-971	13264	0	13264	2417	15681	49.94
23	4046	229	382	4657	1912	3146	0	0	4328	4109	-961	12862	0	12862	2281	15143	49.94
24	4008	146	394	4548	1668	3067	0	0	3973	3824	-867	12240	0	12240	2136	14376	50.03
MUs	90.64	9.94	9.32	109.90	41.20	77.29	0.00	1.64	110.21	110.54	-23.33	317.24	0.00	317.24	56.83	374.07	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 18/Jul/2017

Position as on 6.30 Hrs of 19/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	Khaparkheda Unit 2	210	14/06/2017	23.16		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	
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	
CPP	SWPGL U-4	135	19/07/2017	03.50		Continued.	ID Fan Problem	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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 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	
RGPPL	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)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Jul/2017

Position as on 6.30 Hrs of 19/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	18/07/2017	23.49	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. on date 13.07.2017 converted to zero schedule.	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule.	
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	18/07/2017	08.35	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 18/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 19/Jul/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	18/07/2017	13.17	18/07/2017	17.29	PO	Fitting and tightening of nut bolts and hardware.
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
Ektuni-Bableshtar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	hand tripped to control load
Padghe - Nagothane - II	IntraState	18/07/2017	17.03		Continued.	T	Distance Protection
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	02.23	18/07/2017	08.42	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.
Mahalakshmi Amona	InterState	17/07/2017	23.50	18/07/2017	00.16	T	Tripped Amona end only
Tillari Amona	InterState	18/07/2017	02.25	18/07/2017	14.35	T	Distance Protection
Maisal-Jath I	InterState	18/07/2017	13.11	18/07/2017	13.55	PO	Relay testing 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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		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.
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
Trombay - Mulund	IntraState	18/07/2017	12.25	18/07/2017	20.52	T	Distance Protection
Parli 2-(Girwali) -Murud	IntraState	18/07/2017	14.05	18/07/2017	17.00	PO	Quarterly 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)
220/132 Kv 100 Mva Ict 2 @Tuljapur	IntraState	18/07/2017	10.39	18/07/2017	13.54	PO	Quarterly Maintenance Work

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