

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Jul/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.790	1930.017	1) Gujrat	-2.127	-49.443
2) Hydro	7.293	83.626	2) Madhya Pradesh	11.157	171.279
3) Gas	9.606	140.504	3) Chattisgarh	3.870	74.330
Total MSPGCL	156.689	2154.147	4) Maharashtra	111.262	1636.703
B) 1) APLM	75.415	1008.240	5) Goa (Amona)	-0.396	-8.668
2) JSWEL	25.981	357.297	Total	123.766	1824.201
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.592	384.061
4) RPL(AMT)	0.000	3.657	b) Mumbai Drawl	30.516	488.040
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	12.733	122.404
6) Other IPP	2.130	44.684	Include PX	0.178	-97.379
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.592	384.061
C) 1) TPCL Thermal	14.761	219.942	Include PX	5.200	124.257
2) TPCL Hydro	5.559	72.801	Standby	0.000	0.000
3) TPCL Gas	4.033	63.762	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.183	162.195	1) MSEDCL	392.714	5830.227
D) STATE			2) Mumbai Discoms	65.052	1006.743
1) Thermal	268.260	3726.032	TOTAL STATE	457.766	6836.970
(A1+C1+C4+(B1-B6))					
2) Hydro	12.852	156.427			
(A2+C2)					
3) Gas	13.639	204.266			
(A3+B7+C3)					
4) Wind	33.189	846.650			
6) SOLAR	6.060	79.391			
TOTAL STATE	334.000	5012.766			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5937	5866	5972	5593
MSPGCL Hydro	504	190	244	50
MSPGCL Gas	395	391	392	418
MSPGCL Total Generation	6836	6447	6608	6061
Central Sector Receipt	5839	5493	4881	4556
WIND	1021	1610	1757	1494
CPP / IPP Thermal	4372	4412	4519	3880
CPP / IPP Gas	0	0	0	0
SOLAR	784	556	0	0
Exchange with Mumbai	-1722	-1485	-1136	-977
MSEDCL DEMAND MET	17130	17033	16629	15014
Load Shedding	0	0	0	0
MSEDCL DEMAND	17130	17033	16629	15014
TPCL GENERATION	1237	1211	1227	616
AEML GENERATION	328	498	499	374
MUMBAI DEMAND	3287	3194	2862	1967
STATE DEMAND MET	20417	20227	19491	16981
STATE DEMAND	20417	20227	19491	16981
Frequency (Hz)	49.96	49.98	49.87	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 07.31 Hrs	49.64 Hz at 06.14 Hrs	49.96	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/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	30.82	0	0
Unit 7	0.00	16.65	0	0
Unit 8	10.81	114.43	500	350
Unit 9	10.63	142.47	500	400
Unit 10	9.00	91.55	404	350
Total	30.45	395.91		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.09	164.13	470	360
Unit 5	9.53	157.26	475	320
Total	19.62	321.40		
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	3.78	30.95	162	150
Unit 4	3.61	53.09	160	125
Unit 5	9.01	120.68	395	350
Unit 6	9.81	115.34	450	355
Unit 7	9.42	122.70	426	357
Unit 8	9.08	129.53	410	350
Unit 9	0.00	90.64	0	0
Total	44.72	662.92		
Paras				
Unit 3	5.63	86.07	251	203
Unit 4	5.51	62.70	250	200
Total	11.14	148.77		
Khaparkheda				
Unit 1	3.20	54.88	165	100
Unit 2	3.60	41.14	160	115
Unit 3	3.43	53.69	170	118
Unit 4	3.24	60.36	167	0
Unit 5	9.55	41.00	430	360
Total	23.03	251.07		
Nasik				
Unit 3	4.32	49.91	190	160
Unit 4	2.04	66.12	202	0
Unit 5	4.47	33.92	200	163
Total	10.84	149.95		
Uran				
All Units	9.61	140.50	424	379
Total	9.61	140.50		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	3.02	29.34	530	40
Stage 4	1.39	3.90	338	0
Stage 3	1.68	22.16	160	0
Total	6.09	55.40		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.16	0	0
TILLARI	0.00	5.36	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	6.98	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.43	3.12	43	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	2.14	10	9
GHATGHAR	0.13	9.47	80	0
Total	1.20	28.23		
Wind				
Total	33.19	846.65	0	0
Total	33.19	846.65		
CPP				
APML(Mus)	75.42	1008.24	0	0
JSWEL(Mus)	25.98	357.30	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.13	44.68	0	0
Total	103.53	1413.88		
SOLAR				
Total	6.06	79.39	0	0
Total	6.06	79.39		
Tata				
Trombay 5	9.68	137.59	471	282
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.53	39.30	117	69
Trombay 7B	1.50	24.46	67	52
Trombay 8	5.08	82.35	229	193
TATA Hydro	5.56	72.80	393	3
Total	24.35	356.50		
AEML				
DTPS U-1&2	10.18	162.20	502	246
Total	10.18	162.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.79	1930.02	MSPGCL Total	156.69	2154.15
			MSPGCL Thml+Gas	149.40	2070.52	Koyna 1,2 & 4 Total	4.42	33.24
			MSPGCL Hydro	7.29	83.63	State Total	334.00	5012.77

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Jul/2019

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	5818	112	417	6347	1646	4391	0	0	4583	4376	-1177	15583	0	15583	2384	17967	50.00
2	5471	50	407	5928	1604	4132	0	0	4607	4847	-1138	15373	0	15373	2169	17542	50.02
3	5504	50	407	5961	1437	4005	0	0	4749	4717	-1066	15054	0	15054	2046	17100	50.03
4	5593	50	418	6061	1494	3880	0	0	4678	4556	-977	15014	0	15014	1967	16981	50.06
5	5605	60	406	6071	1270	3988	0	0	4637	4748	-954	15123	0	15123	1944	17067	49.97
6	5798	397	406	6601	1055	4254	0	0	4786	5164	-1002	16072	0	16072	2043	18115	49.92
7	5959	1028	424	7411	876	4390	0	48	5461	5626	-927	17424	0	17424	2186	19610	49.86
8	5976	609	408	6993	774	4366	0	224	5708	5814	-950	17221	0	17221	2378	19599	50.06
9	6014	546	402	6962	1013	4358	0	403	5276	5408	-1109	17035	0	17035	2691	19726	50.01
10	6099	482	414	6995	1078	4304	0	592	5379	5509	-1286	17192	0	17192	2983	20175	49.97
11	6109	297	400	6806	1114	4189	0	737	5534	5606	-1593	16859	0	16859	3209	20068	50.00
12	5937	504	395	6836	1021	4372	0	784	5550	5839	-1722	17130	0	17130	3287	20417	49.96
13	5851	815	381	7047	914	4363	0	719	5541	5488	-1716	16815	0	16815	3220	20035	49.95
14	5785	227	390	6402	1157	4341	0	674	5578	5504	-1541	16537	0	16537	3139	19676	49.97
15	5824	228	397	6449	1442	4374	0	667	5527	5423	-1457	16898	0	16898	3187	20085	49.89
16	5866	190	391	6447	1610	4412	0	556	5443	5493	-1485	17033	0	17033	3194	20227	49.98
17	5844	98	379	6321	2017	4357	0	415	5425	5254	-1503	16861	0	16861	3149	20010	49.92
18	5621	101	390	6112	1933	4317	0	200	5300	5171	-1600	16133	0	16133	3080	19213	49.94
19	5612	186	391	6189	2126	4260	0	41	5067	4950	-1522	16044	0	16044	2945	18989	49.95
20	5915	285	392	6592	1832	4469	0	0	5097	4919	-1293	16519	0	16519	2900	19419	49.88
21	5972	244	392	6608	1757	4519	0	0	4977	4881	-1136	16629	0	16629	2862	19491	49.87
22	5938	184	396	6518	1531	4467	0	0	4839	4760	-1075	16201	0	16201	2743	18944	49.92
23	5867	230	406	6503	1302	4514	0	0	4737	4939	-1065	16193	0	16193	2700	18893	49.90
24	5812	320	397	6529	1186	4504	0	0	4777	4774	-1222	15771	0	15771	2646	18417	49.95
MUs	139.79	7.29	9.61	156.69	33.19	103.53	0.00	6.06	123.26	123.77	-30.52	392.71	0.00	392.71	65.05	457.77	49.96

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/2019

Position as on 6.30 Hrs of 18/Jul/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyna Unit 12	80	16/07/2019	09.00		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedha Unit 4	210	17/07/2019	21.44		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.(water shortage from 25/06/2019)	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	RPL(AMT) U-2	270	29/06/2019	00.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-5	270	29/06/2019	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-1	270	30/06/2019	16.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	01/07/2019	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-4	270	01/07/2019	17.45		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 6	210	11/07/2019	23.34	18/07/2019	05.40	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 7	210	11/07/2019	23.45		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 9	500	13/07/2019	17.00		Continued.	ACW LINE LEAKAGE.	
AEML	AEML Unit 2	250	17/07/2019	11.25	17/07/2019	13.00	Furnace Pressure High	
MSPGCL	Nasik Unit 4	210	17/07/2019	11.32		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 18/Jul/2019

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 1	IntraState	17/07/2019	19.00	17/07/2019	22.28	EO	Line Signature Test
Chandrapur - Padghe Hvdc Pole 2	IntraState	17/07/2019	22.49	17/07/2019	23.59	EO	Line Signature Test
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	27/06/2019	19.16		Continued.	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	01/07/2019	21.50		Continued.	T	Over Voltage
Karad-Jaigad - I	IntraState	11/07/2019	18.31	17/07/2019	10.55	HT	Over Voltage
Padghe - Kalwa- I	IntraState	13/07/2019	10.48		Continued.	PO	MMRDA Work Tower Height Raising Work At Location 1142/1142.
Dhule- Bableshwar - I	IntraState	13/07/2019	17.20		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/07/2019	17.39		Continued.	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	17/07/2019	09.00	17/07/2019	19.09	PO	Line Maintenance work
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
400/220kv 315 Mva ICT I @Karad	IntraState	08/07/2019	09.33		Continued.	PO	Replacement of Old Panel Replay Under Les.
400/220kv Spare Ict 1 105 Mva @Karad	IntraState	08/07/2019	09.33		Continued.	PO	Replacement of Old Panel Relay Under Les.
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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Chandrapur GCR - Warora - I	IntraState	24/06/2019	14.01		Continued.	HT	Outage on Chandrapur ICT 2.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	09/07/2019	05.10		Continued.	T	Distance Protection
Kalmeshwar-Pandhurna	IntraState	17/07/2019	12.08	17/07/2019	12.25	PO	Work at Pandhurna end
Ambazari-Amravati	IntraState	17/07/2019	12.43	17/07/2019	14.51	PO	Dismantling of Tapping arrangement
Nagothane-Wadkhal II	IntraState	18/07/2019	03.40	18/07/2019	06.05	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Ict 1 @Sawangi	IntraState	17/07/2019	11.11	17/07/2019	15.14	PO	Testing Work
220/132 Kv 100mva Ict 2 @South Solapur (Kumbhari)	IntraState	17/07/2019	12.15	17/07/2019	15.40	PO	Quarterly Maintenance Work
132 KV LINE Outages/Trippings							
Amalner - Nardhana	IntraState	23/06/2019	20.02		Continued.	T	DISTANCE PROTECTION NRD--> Y, PHASE, IY=8.33KA, IB=8.309KA, 45.86KM 5 NO TOWERS COLLAPSED TOWER NO 9 TO 13 FROM AMALNER

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