

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 18/Jul/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.580	2062.597	1) Gujrat	-0.797	-50.240
2) Hydro	13.983	97.609	2) Madhya Pradesh	11.805	183.084
3) Gas	9.493	149.997	3) Chattisgarh	4.130	78.460
Total MSPGCL	156.056	2310.203	4) Maharashtra	116.964	1753.667
B) 1) APML	77.652	1085.892	5) Goa (Amona)	-0.374	-9.042
2) JSWEL	25.410	382.707	Total	131.728	1955.929
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.060	406.121
4) RPL(AMT)	0.000	3.657	b) Mumbai Drawl	28.371	516.411
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	16.961	139.365
6) Other IPP	2.228	46.912	Include PX	2.645	-94.733
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.060	406.121
C) 1) TPCL Thermal	15.033	234.975	Include PX	3.073	127.330
2) TPCL Hydro	6.801	79.602	Standby	0.000	0.000
3) TPCL Gas	4.363	68.125	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.032	173.227	1) MSEDCL	394.441	6224.668
D) STATE			2) Mumbai Discoms	65.600	1072.343
1) Thermal	263.935	3989.967	TOTAL STATE	460.041	7297.011
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	20.784	177.211			
3) Gas (A3+B7+C3)	13.856	218.122			
4) Wind	23.169	869.819			
6) SOLAR	6.569	85.960			
TOTAL STATE	328.313	5341.079			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5552	5468	5599	5364
MSPGCL Hydro	902	1245	473	99
MSPGCL Gas	392	376	383	403
MSPGCL Total Generation	6846	7089	6455	5866
Central Sector Receipt	6251	6039	5244	4733
WIND	477	512	1312	1243
CPP / IPP Thermal	4397	4424	4482	4242
CPP / IPP Gas	0	0	0	0
SOLAR	815	689	0	0
Exchange with Mumbai	-1494	-1388	-1222	-952
MSEDCL DEMAND MET	17292	17365	16271	15132
Load Shedding	0	0	0	0
MSEDCL DEMAND	17292	17365	16271	15132
TPCL GENERATION	1298	1307	1237	694
AEML GENERATION	499	501	468	373
MUMBAI DEMAND	3291	3196	2927	2019
STATE DEMAND MET	20583	20561	19198	17151
STATE DEMAND	20583	20561	19198	17151
Frequency (Hz)	49.99	49.94	49.93	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 12:34 Hrs	49.97 Hz at 06:10 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 18/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.10	32.92	150	0
Unit 7	0.61	17.25	90	0
Unit 8	8.11	122.54	460	287
Unit 9	7.54	150.01	471	282
Unit 10	7.40	98.94	400	240
Total	25.75	421.67		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.54	175.66	500	450
Unit 5	10.78	168.04	490	405
Total	22.31	343.70		
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	4.05	34.99	180	160
Unit 4	3.18	56.26	146	120
Unit 5	9.04	129.72	410	360
Unit 6	9.48	124.82	460	345
Unit 7	8.26	130.96	425	236
Unit 8	9.82	139.35	436	398
Unit 9	0.00	90.64	0	0
Total	43.82	706.74		
Paras				
Unit 3	5.42	91.49	255	200
Unit 4	5.33	68.03	250	190
Total	10.75	159.52		
Khaparkheda				
Unit 1	3.51	58.39	180	120
Unit 2	3.74	44.89	170	130
Unit 3	4.01	57.70	176	147
Unit 4	0.00	60.36	0	0
Unit 5	9.62	50.61	440	360
Total	20.88	271.95		
Nasik				
Unit 3	4.46	54.37	194	173
Unit 4	0.00	66.12	0	0
Unit 5	4.60	38.52	202	170
Total	9.06	159.01		
Uran				
All Units	9.49	150.00	412	376
Total	9.49	150.00		
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	5.82	35.16	555	40
Stage 4	3.74	7.64	500	0
Stage 3	2.63	24.79	160	0
Total	12.20	67.60		
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.	0.48	7.46	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.56	3.68	45	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.16	2.31	7	6
GHATGHAR	0.58	10.05	125	0
Total	1.78	30.01		
Wind				
Total	23.17	869.82	0	0
Total	23.17	869.82		
CPP				
APML(Mus)	77.65	1085.89	0	0
JSWEL(Mus)	25.41	382.71	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)	2.23	46.91	0	0
Total	105.29	1519.17		
SOLAR				
Total	6.57	85.96	0	0
Total	6.57	85.96		
Tata				
Trombay 5	9.80	147.39	459	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	42.08	116	115
Trombay 7B	1.58	26.04	67	65
Trombay 8	5.24	87.58	233	197
TATA Hydro	6.80	79.60	438	0
Total	26.20	382.70		
AEML				
DTPS U-1&2	11.03	173.23	501	373
Total	11.03	173.23		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.58	2062.60	MSPGCL Total	156.06	2310.20
			MSPGCL Thml+Gas	142.07	2212.59	Koyna 1,2 & 4 Total	9.57	42.81
			MSPGCL Hydro	13.98	97.61	State Total	328.31	5341.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5833	179	390	6402	1102	4377	0	0	5052	4962	-1214	15629	0	15629	2448	18077	49.91
2	5689	184	401	6274	1264	4356	0	0	4801	4922	-1164	15652	0	15652	2240	17892	49.97
3	5457	143	409	6009	1272	4291	0	0	4720	4785	-1035	15322	0	15322	2107	17429	49.93
4	5364	99	403	5866	1243	4242	0	0	4808	4733	-952	15132	0	15132	2019	17151	49.96
5	5359	154	402	5915	1073	4282	0	0	4739	4823	-874	15219	0	15219	1992	17211	49.93
6	5426	517	411	6354	1206	4367	0	2	5058	5218	-738	16409	0	16409	2081	18490	49.89
7	5442	1168	402	7012	920	4463	0	45	5499	5901	-814	17527	0	17527	2193	19720	49.88
8	5557	1112	403	7072	899	4367	0	225	5722	5924	-947	17540	0	17540	2379	19919	49.99
9	5587	378	412	6377	885	4376	0	431	5924	5928	-1013	16984	0	16984	2680	19664	50.01
10	5584	447	399	6430	839	4299	0	650	5887	6037	-1319	16936	0	16936	3003	19939	49.93
11	5540	442	383	6365	670	4379	0	806	5944	6248	-1424	17044	0	17044	3221	20265	50.00
12	5552	902	392	6846	477	4397	0	815	6127	6251	-1494	17292	0	17292	3291	20583	49.99
13	5534	913	399	6846	336	4381	0	820	6095	5990	-1443	16930	0	16930	3230	20160	49.96
14	5481	1152	387	7020	315	4379	0	817	5764	5814	-1363	16982	0	16982	3143	20125	50.00
15	5468	1245	376	7089	512	4424	0	689	5793	6039	-1388	17365	0	17365	3196	20561	49.94
16	5431	1314	385	7130	652	4468	0	599	5767	5878	-1419	17308	0	17308	3221	20529	49.97
17	5401	1114	377	6892	775	4429	0	446	5682	5723	-1389	16876	0	16876	3189	20065	49.96
18	5483	479	400	6362	1291	4401	0	177	5520	5465	-1322	16374	0	16374	3106	19480	50.02
19	5556	220	390	6166	1374	4413	0	47	5400	5030	-1298	15732	0	15732	2969	18701	49.99
20	5599	473	383	6455	1312	4482	0	0	5308	5244	-1222	16271	0	16271	2927	19198	49.93
21	5606	488	392	6486	1364	4478	0	0	5226	4975	-1052	16251	0	16251	2838	19089	49.92
22	5595	274	405	6274	1317	4392	0	0	5140	5329	-1166	16146	0	16146	2735	18881	49.94
23	5557	337	395	6289	1099	4402	0	0	4973	5321	-1221	15890	0	15890	2714	18604	49.98
24	5479	249	397	6125	972	4445	0	0	5233	5188	-1100	15630	0	15630	2678	18308	49.98
MUs	132.58	13.98	9.49	156.06	23.17	105.29	0.00	6.57	130.18	131.73	-28.37	394.44	0.00	394.44	65.60	460.04	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 18/Jul/2019

Position as on 6.30 Hrs of 19/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	19/07/2019	01:00	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	18/07/2019	15.32	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 9	500	13/07/2019	17.00		Continued.	ACW LINE LEAKAGE.	
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 18/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 19/Jul/2019

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	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
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	18/07/2019	09.09	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/07/2019	17.39		Continued.	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	18/07/2019	08.44	18/07/2019	20.06	PO	Routine Maintenance Work & Dignostic Testing Work.
Akola-Nandgaonpeth (RPL)	IntraState	18/07/2019	10.35	18/07/2019	19.52	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	18/07/2019	23:30	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.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	18/07/2019	09.41	18/07/2019	16.12	PO	Routine Maintenance Work & Dignostic Testing Work.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	18/07/2019	12.22	18/07/2019	23:54	PO	Attending Oil Leakage
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	18/07/2019	14.18	18/07/2019	15.20	EO	Isolator Alignment.
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	19/07/2019	00.17	HT	Outage on Chandrapur ICT 2.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	09/07/2019	05.10	18/07/2019	18.21	T	Distance Protection
Nagothane-Wadkhal II	IntraState	18/07/2019	03.40	18/07/2019	06.05	EO	To attend Hot Spot
Versova Gorai Line	IntraState	18/07/2019	10.06	18/07/2019	13.18	PO	Isolator Maintenance Work.
Apta - Bombay Dyeing	IntraState	18/07/2019	10.33	18/07/2019	15.05	EO	Attending Hot Spot
Bableshwar- Bableshwar-I	IntraState	18/07/2019	11.02	18/07/2019	18.22	PO	Dignostic Testing.
Midc Chandrapur-Gadchandur	IntraState	18/07/2019	21.00	18/07/2019	21.35	T	D/P, MIDC- B-Ph, Z1, 2.589KA, 21.35KM. G- B-Ph, Z1, 3.196KA, 11.66KM.
Gadchandur - Grace	IntraState	18/07/2019	21.09	18/07/2019	21.27	T	Tripped At Grace End Only.
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT-III @Phursungi	IntraState	18/07/2019	09.20	18/07/2019	14.48	PO	HV Bushing Jump Replacement.
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	18/07/2019	11.19	18/07/2019	17.22	PO	Maintenance of Nitrogen Injection System & Testing 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