

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Jul/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.025	2196.622	1) Gujrat	-2.367	-52.607
2) Hydro	9.328	106.937	2) Madhya Pradesh	8.155	191.239
3) Gas	9.463	159.460	3) Chattisgarh	3.330	81.790
Total MSPGCL	152.816	2463.019	4) Maharashtra	117.307	1870.974
B) 1) APML	77.312	1163.204	5) Goa (Amona)	-0.308	-9.350
2) JSWEL	26.597	409.304	Total	126.117	2082.046
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.281	429.402
4) RPL(AMT)	10.677	14.334	b) Mumbai Drawl	29.641	546.052
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	14.457	153.822
6) Other IPP	2.062	48.974	Include PX	0.009	-94.724
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.281	429.402
C) 1) TPCL Thermal	15.162	250.137	Include PX	2.956	130.286
2) TPCL Hydro	6.419	86.021	Standby	0.000	0.000
3) TPCL Gas	4.359	72.484	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.705	183.932	1) MSEDCL	382.908	6607.576
D) STATE			2) Mumbai Discoms	66.286	1138.629
1) Thermal	276.540	4266.507	TOTAL STATE	449.194	7746.205
(A1+C1+C4+(B1-B6))					
2) Hydro	15.747	192.958			
(A2+C2)					
3) Gas	13.822	231.944			
(A3+B7+C3)					
4) Wind	11.694	881.513			
6) SOLAR	5.274	91.234			
TOTAL STATE	323.077	5664.156			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5789	5749	5605	5503
MSPGCL Hydro	654	471	229	55
MSPGCL Gas	384	389	389	401
MSPGCL Total Generation	6827	6609	6223	5959
Central Sector Receipt	5553	5606	5073	4935
WIND	239	116	395	759
CPP / IPP Thermal	4799	5000	5183	4476
CPP / IPP Gas	0	0	0	0
SOLAR	717	690	0	0
Exchange with Mumbai	-1448	-1466	-1396	-967
MSEDCL DEMAND MET	16687	16555	15478	15162
Load Shedding	0	0	0	0
MSEDCL DEMAND	16687	16555	15478	15162
TPCL GENERATION	1314	1297	1101	698
AEML GENERATION	499	501	447	374
MUMBAI DEMAND	3261	3264	2944	2039
STATE DEMAND MET	19948	19819	18422	17201
STATE DEMAND	19948	19819	18422	17201
Frequency (Hz)	50.01	50.05	49.94	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 18.02 Hrs	49.76 Hz at 19.10 Hrs	50.01	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 19/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.16	36.08	150	115
Unit 7	2.94	20.19	145	99
Unit 8	6.96	129.50	350	272
Unit 9	4.79	154.80	290	0
Unit 10	8.20	107.14	400	280
Total	26.04	447.71		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.20	186.87	505	360
Unit 5	10.24	178.28	470	340
Total	21.44	365.14		
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	3.87	38.87	185	130
Unit 4	3.08	59.34	133	122
Unit 5	8.60	138.32	400	310
Unit 6	9.12	133.94	435	350
Unit 7	8.46	139.42	377	312
Unit 8	9.95	149.30	430	360
Unit 9	0.00	90.64	0	0
Total	43.09	749.83		
Paras				
Unit 3	5.47	96.95	239	212
Unit 4	5.77	73.80	246	230
Total	11.24	170.76		
Khaparkheda				
Unit 1	3.68	62.08	180	130
Unit 2	3.49	48.38	155	130
Unit 3	3.87	61.57	175	153
Unit 4	0.00	60.36	0	0
Unit 5	10.35	60.97	480	410
Total	21.40	293.35		
Nasik				
Unit 3	4.36	58.73	198	160
Unit 4	1.97	68.09	201	0
Unit 5	4.48	43.00	203	140
Total	10.81	169.83		
Uran				
All Units	9.46	159.46	414	376
Total	9.46	159.46		
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	3.26	38.42	585	40
Stage 4	2.60	10.24	500	0
Stage 3	1.44	26.22	160	0
Total	7.29	74.88		
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	7.87	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.54	4.21	46	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.09	2.40	4	3
GHATGHAR	1.00	11.05	250	0
Total	2.04	32.05		
Wind				
Total	11.69	881.51	0	0
Total	11.69	881.51		
CPP				
APML(Mus)	77.31	1163.20	0	0
JSWEL(Mus)	26.60	409.30	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	10.68	14.33	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.06	48.97	0	0
Total	116.65	1635.82		
SOLAR				
Total	5.27	91.23	0	0
Total	5.27	91.23		
Tata				
Trombay 5	10.08	157.47	482	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	44.87	116	115
Trombay 7B	1.58	27.62	66	65
Trombay 8	5.08	92.67	230	195
TATA Hydro	6.42	86.02	438	0
Total	25.94	408.64		
AEML				
DTPS U-1&2	10.70	183.93	501	373
Total	10.70	183.93		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.02	2196.62	MSPGCL Total	152.82	2463.02
			MSPGCL Thml+Gas	143.49	2356.08	Koyna 1,2 & 4 Total	5.85	48.66
			MSPGCL Hydro	9.33	106.94	State Total	323.08	5664.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	5518	138	399	6055	1039	4476	0	0	5250	5258	-1083	15745	0	15745	2494	18239	49.98
2	5503	55	399	5957	935	4445	0	0	5175	5249	-1090	15496	0	15496	2274	17770	50.01
3	5489	55	400	5944	799	4452	0	0	5136	5134	-1066	15263	0	15263	2134	17397	50.02
4	5503	55	401	5959	759	4476	0	0	5032	4935	-967	15162	0	15162	2039	17201	49.99
5	5510	60	414	5984	645	4617	0	0	4893	5085	-872	15459	0	15459	2013	17472	50.02
6	5507	632	401	6540	617	4710	0	0	4929	5363	-778	16452	0	16452	2119	18571	50.01
7	5509	1532	402	7443	427	4679	0	34	5016	5508	-838	17253	0	17253	2210	19463	49.95
8	5581	1494	403	7478	411	4693	0	136	5287	5446	-932	17232	0	17232	2383	19615	50.04
9	5651	1326	409	7386	286	4607	0	350	5300	5440	-1084	16985	0	16985	2711	19696	50.02
10	5697	918	393	7008	311	4652	0	540	5459	5586	-1288	16809	0	16809	3045	19854	50.00
11	5789	654	384	6827	239	4799	0	717	5576	5553	-1448	16687	0	16687	3261	19948	50.01
12	5806	413	401	6620	125	4893	0	736	5631	5744	-1491	16627	0	16627	3315	19942	50.04
13	5749	471	389	6609	116	5000	0	690	5582	5606	-1466	16555	0	16555	3264	19819	50.05
14	5745	377	376	6498	113	5037	0	681	5510	5481	-1340	16470	0	16470	3153	19623	50.05
15	5717	186	385	6288	193	5065	0	609	5528	5440	-1411	16184	0	16184	3229	19413	50.00
16	5697	93	385	6175	452	5117	0	436	5537	5468	-1528	16120	0	16120	3246	19366	50.03
17	5837	56	385	6278	747	4975	0	260	5480	5027	-1622	15665	0	15665	3207	18872	49.99
18	5522	71	378	5971	1149	4984	0	71	5064	5026	-1631	15570	0	15570	3112	18682	50.04
19	5235	144	392	5771	854	4889	0	14	4942	5064	-1524	15068	0	15068	2967	18035	50.05
20	5605	229	389	6223	395	5183	0	0	5230	5073	-1396	15478	0	15478	2944	18422	49.94
21	5501	145	403	6049	425	5276	0	0	4995	4876	-1208	15418	0	15418	2883	18301	50.03
22	5509	94	385	5988	316	5215	0	0	4869	4879	-1166	15232	0	15232	2776	18008	50.03
23	5445	75	395	5915	246	5220	0	0	4984	5075	-1184	15272	0	15272	2760	18032	49.96
24	5400	55	395	5850	95	5188	0	0	4941	4802	-1228	14707	0	14707	2747	17454	49.98
MUs	134.03	9.33	9.46	152.82	11.69	116.65	0.00	5.27	125.35	126.12	-29.64	382.91	0.00	382.91	66.29	449.19	50.01

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 19/Jul/2019

Position as on 6.30 Hrs of 20/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	Khaparkheda Unit 4	210	17/07/2019	21.44		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 9	660	19/07/2019	17.35		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	19/07/2019	12.10	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	19/07/2019	09.15	Zero schedule.	
MSPGCL	Chandrapur Unit 9	500	13/07/2019	17.00	20/07/2019	05.53	ACW LINE LEAKAGE.	
MSPGCL	Nasik Unit 4	210	17/07/2019	11.32	19/07/2019	08.39	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 20/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	19/07/2019	13.41	T	Over Voltage
Padghe - Kalwa- I	IntraState	13/07/2019	10.48		Continued.	PO	MMRDA Work Tower Height Raising Work At Location 1142/1142.
Khadka-Aurangabad (Waluj)	IntraState	13/07/2019	17.39		Continued.	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	19/07/2019	11.06		Continued.	PO	To attend SF-6 Gas Leakage
BABHALESHWAR - RPL(NASHIK) CKT - 2	IntraState	19/07/2019	15.30	19/07/2019	17.29	PO	Testing 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 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-III @Parali (Girwali)	IntraState	19/07/2019	09.26	19/07/2019	19.08	PO	Testing Work
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	19/07/2019	10.45	19/07/2019	20.43	PO	Attending Oil Leakage
400/220KV 500MVA ICT1@koradi 2	IntraState	19/07/2019	11.36	19/07/2019	17.07	T	Differential protection
400/220kv 315 MVA ICT-III@Padgha	IntraState	19/07/2019	16.05	19/07/2019	22.27	T	NDR Operated
400/220kv 315 Mva ICT I @Karad	IntraState	20/07/2019	05.40		Continued.	T	OLTC Buccholz Protection Optd
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.
Gangapur-Valve	IntraState	18/07/2019	13.57	19/07/2019	11.15	T	Distance Protection
Padgha - Temghar I	IntraState	19/07/2019	07.06	19/07/2019	08.50	PO	Testing Work
Padghe - Kambha	IntraState	19/07/2019	09.20	19/07/2019	14.38	PO	Replacement of R Phase Coupling Capacitor
Jambhul - Anandnagar	IntraState	19/07/2019	10.03	19/07/2019	20.03	PO	Routine Maintenance Work
Badnera Tss-I	IntraState	19/07/2019	10.20	19/07/2019	15.27	PO	Tan Delta Measurment of CTs
Apta - Taloja	IntraState	19/07/2019	10.40	19/07/2019	20.26	PO	REPL Middle phase Conductor from 638 to 640
Temghar - Kalwa	IntraState	19/07/2019	10.45	19/07/2019	10.51	T	General Trip,R phase,Tripped at Kalwa end only
Waluj- Padegaon li	IntraState	19/07/2019	12.20	19/07/2019	19.21	PO	Erection of Gantry Beam for end Bay of Sawangi Ckt-II
KORADI 2 - KAULEWADA CKT - I	IntraState	19/07/2019	18.42	19/07/2019	19.17	T	Distance protection Z1 B Phase
Kalwa1 - Taloja	IntraState	19/07/2019	19.30		Continued.	T	Distance Protection, R-B Phase Earth Conductor Snapped at Taloja end
Karad(400kv) - Wathar	IntraState	20/07/2019	05.40		Continued.	T	R Phase Wave trap decoiled
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ict 4 @Padegaon	IntraState	19/07/2019	12.52	19/07/2019	19.24	PO	Erection of Gantry Beam for new Bay of 220KV Sawangi
220/132 KV 100 MVA ICT @ Anjangaon	IntraState	19/07/2019	13.12	19/07/2019	18.45	PO	Testing Work
220/132 Kv 100 Mva Ict 1 @Bhokardan	IntraState	19/07/2019	13.50	19/07/2019	16.15	PO	Beam Erection at new Nagewadi Bay
220/132 Kv 200 MVA ICT II	IntraState	19/07/2019	14.35	19/07/2019	18.08	PO	Testing Work

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 19/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 20/Jul/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Babhleshwar							
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