

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Jul/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.687	2965.918	1) Gujrat	2.143	123.667
2) Hydro	2.565	193.110	2) Madhya Pradesh	7.201	297.685
3) Gas	2.751	76.819	3) Chattisgarh	4.780	146.730
Total MSPGCL	141.003	3235.847	4) Maharashtra	113.321	3146.756
B) 1) APLM	27.715	721.294	5) Goa (Amona)	-1.458	-9.916
2) JSWEL	16.988	459.813	Total	125.987	3704.922
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.980	706.806
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.936	682.501
5) WPCL	7.548	192.561	c) MSEDCL Bilateral *	32.532	953.960
6) Other IPP	8.115	193.095	Include PX	1.575	207.305
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.980	706.806
C) 1) TPCL Thermal	7.333	209.225	Include PX	22.482	483.937
2) TPCL Hydro	1.680	105.209	Standby	0.000	0.000
3) TPCL Gas	4.386	99.446	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.533	133.301	1) MSEDCL	330.717	8693.970
D) STATE			2) Mumbai Discoms	45.868	1229.682
1) Thermal	207.919	4875.207	TOTAL STATE	376.585	9923.652
(A1+C1+C4+(B1-B6))					
2) Hydro	4.245	298.319			
(A2+C2)					
3) Gas	7.137	176.265			
(A3+B7+C3)					
4) Wind	24.444	721.994			
6) SOLAR	6.853	146.945			
TOTAL STATE	250.598	6218.730			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5762	5659	6152	5263
MSPGCL Hydro	75	175	175	35
MSPGCL Gas	114	113	114	119
MSPGCL Total Generation	5951	5947	6441	5417
Central Sector Receipt	6152	6218	5159	3988
WIND	910	691	1006	1256
CPP / IPP Thermal	2600	2518	2717	2204
CPP / IPP Gas	0	0	0	0
SOLAR	802	633	0	0
Exchange with Mumbai	-1505	-1383	-960	-917
MSEDCL DEMAND MET	14910	14624	14363	11948
Load Shedding	0	0	0	0
MSEDCL DEMAND	14910	14624	14363	11948
TPCL GENERATION	515	518	811	472
AEML GENERATION	189	187	189	190
MUMBAI DEMAND	2209	2088	1960	1579
STATE DEMAND MET	17119	16712	16323	13527
STATE DEMAND	17119	16712	16323	13527
Frequency (Hz)	49.99	50.00	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.02 Hrs	49.79 Hz at 07.11 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 27/Jul/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.51	140.39	565	452
Unit 9	10.97	280.86	505	404
Unit 10	10.65	258.07	465	420
Total	33.12	679.33		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.96	107.58	470	360
Unit 5	8.80	38.11	465	350
Total	17.76	145.69		
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	2.56	68.60	170	0
Unit 4	3.70	98.33	161	125
Unit 5	9.05	237.10	410	345
Unit 6	9.12	221.32	415	350
Unit 7	8.82	238.41	395	350
Unit 8	10.05	257.31	470	360
Unit 9	10.23	230.18	470	360
Total	53.55	1351.26		
Paras				
Unit 3	4.92	123.40	243	186
Unit 4	4.50	124.98	215	157
Total	9.42	248.37		
Khaparkheda				
Unit 1	3.74	95.68	165	130
Unit 2	0.00	0.00	0	0
Unit 3	4.14	96.33	185	158
Unit 4	3.96	110.62	180	157
Unit 5	10.00	238.64	490	315
Total	21.83	541.27		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	2.75	76.82	120	103
Total	2.75	76.82		
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)	0.88	9.60	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.88	9.60		
Koyna				
Stage 1-2	1.58	72.26	305	30
Stage 4	0.13	41.86	99	0
Stage 3	0.61	38.56	80	0
Total	2.32	152.67		
Hydro				
KDPH	0.00	12.81	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	9.69	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	9.04	40	0
RNGR+BHTSA	0.00	0.63	0	0
BHANDARDRA	0.00	0.80	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	7.47	0	0
GHATGHAR	0.00	0.00	0	0
Total	0.24	40.44		
Wind				
Total	24.44	721.99	0	0
Total	24.44	721.99		
CPP				
APML(Mus)	27.72	721.29	0	0
JSWEL(Mus)	16.99	459.81	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.55	192.56	0	0
Other(Mus)	8.12	193.10	0	0
Total	60.37	1566.76		
SOLAR				
Total	6.85	146.94	0	0
Total	6.85	146.94		
Tata				
Trombay 5	7.33	209.22	350	284
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	61.55	118	116
Trombay 7B	1.58	37.89	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	1.68	105.21	328	3
Total	13.40	413.88		
AEML				
DTPS U-1&2	4.53	133.30	190	187
Total	4.53	133.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.69	2965.92	MSPGCL Total	141.00	3235.85
			MSPGCL Thml+Gas	138.44	3042.74	Koyna 1,2 & 4 Total	1.72	114.12
			MSPGCL Hydro	2.56	193.11	State Total	250.60	6218.73

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Jul/2020

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	5254	40	119	5413	1897	2214	0	0	4298	4042	-1170	12396	0	12396	1833	14229	49.93
2	5299	30	119	5448	1700	2167	0	0	4583	3654	-1063	11906	0	11906	1726	13632	50.01
3	5308	45	119	5472	1510	2190	0	0	3835	3822	-990	12004	0	12004	1655	13659	49.94
4	5263	35	119	5417	1256	2204	0	0	3707	3988	-917	11948	0	11948	1579	13527	50.01
5	5336	200	120	5656	1066	2180	0	0	4309	4326	-858	12370	0	12370	1537	13907	49.96
6	5519	424	117	6060	979	2338	0	0	4798	4914	-871	13420	0	13420	1570	14990	49.96
7	6005	146	115	6266	964	2709	0	35	5532	5334	-859	14449	0	14449	1584	16033	49.91
8	5705	62	114	5881	795	2644	0	222	6147	6144	-1005	14681	0	14681	1672	16353	49.95
9	5707	70	114	5891	847	2631	0	542	6132	6238	-1205	14944	0	14944	1870	16814	49.98
10	5802	80	114	5996	936	2639	0	743	6172	6008	-1383	14939	0	14939	2076	17015	50.01
11	5762	75	114	5951	910	2600	0	802	6266	6152	-1505	14910	0	14910	2209	17119	49.99
12	5606	70	113	5789	718	2559	0	736	6357	6179	-1547	14434	0	14434	2255	16689	50.01
13	5346	80	114	5540	715	2438	0	813	6349	6290	-1513	14283	0	14283	2220	16503	49.98
14	5378	57	112	5547	752	2252	0	832	6224	6084	-1470	13997	0	13997	2175	16172	50.00
15	5454	183	103	5740	637	2354	0	760	6168	6159	-1431	14219	0	14219	2138	16357	49.99
16	5659	175	113	5947	691	2518	0	633	6049	6218	-1383	14624	0	14624	2088	16712	50.00
17	5732	170	114	6016	765	2595	0	436	5868	5817	-1339	14290	0	14290	2047	16337	50.00
18	5847	110	114	6071	874	2624	0	241	5727	5575	-1278	14107	0	14107	1983	16090	50.05
19	5993	125	113	6231	949	2654	0	58	5575	4991	-1212	13671	0	13671	1920	15591	50.03
20	6152	175	114	6441	1006	2717	0	0	5386	5159	-960	14363	0	14363	1960	16323	49.99
21	6219	83	114	6416	1090	2905	0	0	5275	4829	-944	14296	0	14296	1955	16251	49.99
22	5975	30	114	6119	1140	2885	0	0	5025	4616	-934	13826	0	13826	1941	15767	49.95
23	5781	40	114	5935	1154	2799	0	0	4799	4818	-1012	13694	0	13694	1948	15642	49.99
24	5585	60	115	5760	1093	2550	0	0	4820	4630	-1087	12946	0	12946	1927	14873	49.94
MUs	135.69	2.56	2.75	141.00	24.44	60.37	0.00	6.85	129.40	125.99	-27.94	330.72	0.00	330.72	45.87	376.59	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 27/Jul/2020

Position as on 6.30 Hrs of 28/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 3	70	16/07/2020	08.55		Continued.	Service Seal Leakage	
MSPGCL	Koyna Unit 4	70	16/07/2020	11.05		Continued.	Service Seal Leakage	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
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	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Jul/2020

Position as on 6.30 Hrs of 28/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	01/06/2020	13.13		Continued.	Zero schedule By MSEDCL	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	Converted zero schedule from 03.06.2020	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
IPP	Adani U-4	660	12/06/2020	10.30		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	24/06/2020	11.34		Continued.	Generator Earth Fault	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Chandrapur Unit 3	210	27/07/2020	11.35	27/07/2020	16.58	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 28/Jul/2020

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 I	InterState	18/07/2020	18.58		Continued.	HT	Over Voltage
Dhule(MS)- Dhule(BDTCL) -II	InterState	27/07/2020	16.23	27/07/2020	17.23	T	DT Received
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	13/07/2020	22.23		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	22/07/2020	17.26		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	22/07/2020	20.08		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	23/07/2020	21.48	27/07/2020	09.50	HT	Over Voltage
Karad - Jaigad - II	IntraState	25/07/2020	17.45		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	26/07/2020	09.07	27/07/2020	19.28	PO	Quarterly Maintenance Work (RFC 20.35)
Bus Coupler @ Kalwa	IntraState	26/07/2020	10.04		Continued.	T	400 KV Bus Coupler Y Phase CT Blast.
Lonikand I - Koyna stage-IV	IntraState	26/07/2020	22.17	27/07/2020	09.49	HT	Over Voltage
Padghe - Kalwa- I	IntraState	27/07/2020	01.01	27/07/2020	08.29	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	27/07/2020	23.54		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	28/07/2020	00.38		Continued.	T	Over Voltage
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 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	24/07/2020	07.15		Continued.	T	Differential protection
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	26/07/2020	10.00	27/07/2020	19.33	T	400 KV Bus Coupler Y Phase CT Blast.
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	27/07/2020	01.13	27/07/2020	06.55	HT	Over Voltage
400/220kv 315 Mva ICT III @Karad	IntraState	27/07/2020	09.20	27/07/2020	13.42	PO	Modification in existing relay panel wiring
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	27/07/2020	09.05	27/07/2020	16.31	PO	Replacement of Old Disc Insulator
Lonand-Bothe	IntraState	27/07/2020	09.45	27/07/2020	14.56	PO	Quarterly Maintenance Work
BHUGAON WARORA CKT-I	IntraState	27/07/2020	10.03	27/07/2020	15.37	PO	Line Maintenance work
Pirangut - Hinjawadi 2	IntraState	27/07/2020	10.15	27/07/2020	14.18	PO	Replacement of Flash-over polymer Insulator at Tower
Bableshwar -Ahamadnagar-I	IntraState	27/07/2020	12.37	27/07/2020	15.58	PO	Line Maintenance work
Lonand-Baramati	IntraState	27/07/2020	15.12	27/07/2020	18.30	PO	Quarterly Maintenance Work

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