

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Jul/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.407	2830.231	1) Gujrat	1.709	121.524
2) Hydro	2.108	190.545	2) Madhya Pradesh	6.905	290.484
3) Gas	2.821	74.068	3) Chattisgarh	5.020	141.950
Total MSPGCL	131.336	3094.844	4) Maharashtra	114.039	3033.435
B) 1) APMIL	24.931	693.579	5) Goa (Amona)	-0.941	-8.458
2) JSWEL	16.478	442.825	Total	126.732	3578.935
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.884	677.826
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.212	654.565
5) WPCL	6.995	185.013	c) MSEDCL Bilateral *	26.989	921.428
6) Other IPP	7.289	184.980	Include PX	3.799	205.730
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.884	677.826
C) 1) TPCL Thermal	7.482	201.892	Include PX	18.520	461.454
2) TPCL Hydro	1.478	103.529	Standby	0.000	0.000
3) TPCL Gas	4.388	95.060	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.642	128.768	1) MSEDCL	315.378	8363.253
D) STATE			2) Mumbai Discoms	42.202	1183.814
1) Thermal	194.224	4667.288	TOTAL STATE	357.580	9547.067
(A1+C1+C4+(B1-B6))					
2) Hydro	3.586	294.074			
(A2+C2)					
3) Gas	7.209	169.128			
(A3+B7+C3)					
4) Wind	19.689	697.550			
6) SOLAR	6.140	140.092			
TOTAL STATE	230.848	5968.132			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5280	5247	5591	5097
MSPGCL Hydro	188	110	195	30
MSPGCL Gas	115	115	118	128
MSPGCL Total Generation	5583	5472	5904	5255
Central Sector Receipt	6499	5829	4715	5001
WIND	400	482	1469	509
CPP / IPP Thermal	2180	2134	2540	2193
CPP / IPP Gas	0	0	0	0
SOLAR	569	710	0	0
Exchange with Mumbai	-1085	-1143	-882	-958
MSEDCL DEMAND MET	14146	13484	13746	12000
Load Shedding	0	0	0	0
MSEDCL DEMAND	14146	13484	13746	12000
TPCL GENERATION	481	508	820	503
AEML GENERATION	188	192	189	189
MUMBAI DEMAND	1754	1843	1891	1650
STATE DEMAND MET	15900	15327	15637	13650
STATE DEMAND	15900	15327	15637	13650
Frequency (Hz)	50.02	49.94	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 16.03 Hrs	49.8 Hz at 19.24 Hrs	49.99	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 26/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	10.84	128.89	466	391
Unit 9	8.64	269.89	440	250
Unit 10	9.42	247.42	460	350
Total	28.91	646.20		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.65	98.62	365	360
Unit 5	8.56	29.30	360	350
Total	17.22	127.93		
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	3.64	66.04	168	80
Unit 4	3.48	94.62	159	129
Unit 5	8.60	228.06	385	340
Unit 6	8.34	212.20	380	270
Unit 7	8.36	229.59	385	330
Unit 8	8.93	247.26	470	360
Unit 9	8.97	219.94	460	360
Total	50.32	1297.71		
Paras				
Unit 3	4.75	118.48	210	190
Unit 4	4.20	120.48	238	107
Total	8.95	238.96		
Khaparkheda				
Unit 1	3.69	91.94	165	140
Unit 2	0.00	0.00	0	0
Unit 3	3.93	92.19	180	158
Unit 4	3.97	106.67	182	160
Unit 5	9.43	228.63	470	330
Total	21.02	519.44		
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	2.82	74.07	128	114
Total	2.82	74.07		
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)	0.89	8.72	52	12

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.89	8.72		
Koyna				
Stage 1-2	1.18	70.67	195	30
Stage 4	0.10	41.73	58	0
Stage 3	0.34	37.95	80	0
Total	1.62	150.35		
Hydro				
KDPH	0.00	12.81	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.17	9.69	55	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	8.80	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	0.49	40.20		
Wind				
Total	19.69	697.55	0	0
Total	19.69	697.55		
CPP				
APML(Mus)	24.93	693.58	0	0
JSWEL(Mus)	16.48	442.82	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.00	185.01	0	0
Other(Mus)	7.29	184.98	0	0
Total	55.69	1506.40		
SOLAR				
Total	6.14	140.09	0	0
Total	6.14	140.09		
Tata				
Trombay 5	7.48	201.89	432	291
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	58.74	117	116
Trombay 7B	1.58	36.32	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	1.48	103.53	331	3
Total	13.35	400.48		
AEML				
DTPS U-1&2	4.64	128.77	251	188
Total	4.64	128.77		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.41	2830.23	MSPGCL Total	131.34	3094.84
			MSPGCL Thml+Gas	129.23	2904.30	Koyna 1,2 & 4 Total	1.28	112.40
			MSPGCL Hydro	2.11	190.54	State Total	230.85	5968.13

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	4975	60	118	5153	440	2599	0	0	5430	5249	-1248	12193	0	12193	1937	14130	49.96
2	5046	30	118	5194	431	2546	0	0	5226	5010	-1135	12046	0	12046	1813	13859	50.00
3	5035	40	118	5193	414	2441	0	0	5139	5106	-1036	12118	0	12118	1712	13830	50.00
4	5097	30	128	5255	509	2193	0	0	5108	5001	-958	12000	0	12000	1650	13650	49.97
5	5127	40	118	5285	586	2322	0	0	5187	5149	-898	12444	0	12444	1596	14040	49.94
6	5260	35	118	5413	655	2549	0	0	5554	5315	-928	13004	0	13004	1611	14615	50.00
7	5476	40	119	5635	600	2719	0	36	5997	5698	-919	13769	0	13769	1599	15368	50.03
8	5429	63	118	5610	611	2603	0	212	6294	5888	-919	14005	0	14005	1612	15617	50.05
9	5268	105	118	5491	436	2393	0	452	6311	6172	-1004	13940	0	13940	1677	15617	50.04
10	5280	188	115	5583	400	2180	0	569	6201	6499	-1085	14146	0	14146	1754	15900	50.02
11	5271	170	115	5556	440	2149	0	670	6141	5677	-919	13573	0	13573	1830	15403	50.06
12	5216	112	114	5442	464	2132	0	770	6178	6114	-945	13977	0	13977	1872	15849	50.01
13	5247	110	115	5472	482	2134	0	710	5791	5829	-1143	13484	0	13484	1843	15327	49.94
14	5204	85	116	5405	514	2126	0	702	5742	5575	-1104	13218	0	13218	1799	15017	49.98
15	5200	134	116	5450	647	2101	0	742	5528	5564	-1088	13416	0	13416	1771	15187	50.02
16	5293	132	116	5541	965	2134	0	583	5409	5053	-1013	13263	0	13263	1701	14964	50.02
17	5318	115	116	5549	1104	2152	0	433	5239	4929	-971	13196	0	13196	1654	14850	50.02
18	5324	120	116	5560	1174	2151	0	212	5019	4805	-976	12926	0	12926	1662	14588	50.02
19	5339	84	117	5540	1246	2169	0	49	4863	4980	-1003	12981	0	12981	1690	14671	49.98
20	5383	105	116	5604	1251	2260	0	0	5546	5487	-869	13733	0	13733	1818	15551	49.92
21	5591	195	118	5904	1469	2540	0	0	5012	4715	-882	13746	0	13746	1891	15637	49.96
22	5398	30	118	5546	1732	2526	0	0	4928	4255	-970	13089	0	13089	1895	14984	49.94
23	5316	40	120	5476	1506	2314	0	0	4375	4481	-1005	12772	0	12772	1899	14671	49.99
24	5314	45	120	5479	1613	2260	0	0	4282	4181	-1194	12339	0	12339	1916	14255	49.99
MUs	126.41	2.11	2.82	131.34	19.69	55.69	0.00	6.14	130.50	126.73	-24.21	315.38	0.00	315.38	42.20	357.58	49.99

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 26/Jul/2020

Position as on 6.30 Hrs of 27/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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 26/Jul/2020

Position as on 6.30 Hrs of 27/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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 27/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
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- Bableshtar - I	IntraState	22/07/2020	20.08		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	23/07/2020	21.48		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	25/07/2020	17.45		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	25/07/2020	21.00	26/07/2020	09.07	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/07/2020	23.06	26/07/2020	10.02	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	26/07/2020	09.07		Continued.	PO	Quarterly Maintenance Work (REC 20.35)
Bus Coupler @ Kalwa	IntraState	26/07/2020	10.04		Continued.	T	400 KV Bus Coupler Y Phase CT Blast.
Padghe - Kalwa-II	IntraState	26/07/2020	10.04	26/07/2020	11.17	T	400 KV Bus Coupler Y Phase CT Blast.
Padghe - Kalwa- I	IntraState	26/07/2020	10.04	26/07/2020	10.48	T	400 KV Bus Coupler Y Phase CT Blast.
Kalwa - Kharghar	IntraState	26/07/2020	10.04	26/07/2020	11.31	T	400 KV Bus Coupler Y Phase CT Blast.
Kalwa - Talegaon(PG)	IntraState	26/07/2020	10.04	26/07/2020	11.45	T	400 KV Bus Coupler Y Phase CT Blast.
Lonikand I - Koyna stage-IV	IntraState	26/07/2020	22.17		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	27/07/2020	01.01		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		Continued.	T	400 KV Bus Coupler Y Phase CT Blast.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	26/07/2020	10.04	26/07/2020	11.13	T	400 KV Bus Coupler Y Phase CT Blast.
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	26/07/2020	10.04	26/07/2020	11.20	T	400 KV Bus Coupler Y Phase CT Blast.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	26/07/2020	10.04	26/07/2020	11.58	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
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)
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	26/07/2020	05.18	26/07/2020	05.52	T	Distance Protection
Raymond - Washala	IntraState	26/07/2020	11.30	26/07/2020	11.50	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	26/07/2020	12.20	26/07/2020	12.29	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	26/07/2020	13.50	26/07/2020	17.23	PO	Replacement Of L.R Polymer Insulator String At 34 LOC.
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT II @Vasai-Ii	IntraState	26/07/2020	12.08	26/07/2020	15.28	PO	For Inspection Of Fire Detector Sensor.

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