

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jul/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.879	2703.824	1) Gujrat	2.933	119.815
2) Hydro	2.343	188.437	2) Madhya Pradesh	5.454	283.579
3) Gas	2.798	71.247	3) Chattisgarh	5.700	136.930
Total MSPGCL	132.020	2963.508	4) Maharashtra	122.353	2919.396
B) 1) APLM	29.815	668.648	5) Goa (Amona)	-1.051	-7.517
2) JSWEL	18.019	426.347	Total	135.389	3452.203
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.132	652.942
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.728	630.353
5) WPCL	7.826	178.018	c) MSEDCL Bilateral *	28.293	894.439
6) Other IPP	6.885	177.691	Include PX	3.701	201.931
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.132	652.942
C) 1) TPCL Thermal	7.490	194.410	Include PX	20.286	442.935
2) TPCL Hydro	2.157	102.051	Standby	0.000	0.000
3) TPCL Gas	4.393	90.672	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.705	124.126	1) MSEDCL	316.762	8047.875
D) STATE			2) Mumbai Discoms	45.473	1141.612
1) Thermal	201.619	4473.064	TOTAL STATE	362.235	9189.487
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	4.500	290.488			
3) Gas (A3+B7+C3)	7.191	161.919			
4) Wind	8.907	677.861			
6) SOLAR	4.629	133.952			
TOTAL STATE	226.846	5737.284			

* 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 3 Hrs
MSPGCL Thermal	5440	5220	5465	4980
MSPGCL Hydro	210	106	267	35
MSPGCL Gas	116	115	115	118
MSPGCL Total Generation	5766	5441	5847	5133
Central Sector Receipt	6323	6308	5142	4846
WIND	380	512	516	135
CPP / IPP Thermal	2704	2353	2757	2514
CPP / IPP Gas	0	0	0	0
SOLAR	579	654	0	0
Exchange with Mumbai	-1361	-1455	-686	-1056
MSEDCL DEMAND MET	14391	13813	13576	11572
Load Shedding	0	0	0	0
MSEDCL DEMAND	14391	13813	13576	11572
TPCL GENERATION	498	481	1053	483
AEML GENERATION	188	188	252	189
MUMBAI DEMAND	2047	2124	1991	1728
STATE DEMAND MET	16438	15937	15567	13300
STATE DEMAND	16438	15937	15567	13300
Frequency (Hz)	49.99	49.96	49.94	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06:32 Hrs	49.76 Hz at 15:42 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 25/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	10.32	118.04	480	350
Unit 9	7.32	261.25	380	153
Unit 10	7.78	238.00	370	307
Total	25.43	617.30		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.15	89.97	470	360
Unit 5	8.94	20.74	415	350
Total	18.08	110.71		
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	3.93	62.40	178	108
Unit 4	3.73	91.15	158	137
Unit 5	8.92	219.46	400	355
Unit 6	8.92	203.86	410	306
Unit 7	8.42	221.23	360	323
Unit 8	9.50	238.33	455	320
Unit 9	9.24	210.98	425	330
Total	52.65	1247.39		
Paras				
Unit 3	4.68	113.73	230	161
Unit 4	4.83	116.28	221	184
Total	9.51	230.01		
Khaparkheda				
Unit 1	3.54	88.25	165	130
Unit 2	0.00	0.00	0	0
Unit 3	4.20	88.26	185	158
Unit 4	4.14	102.70	185	160
Unit 5	9.31	219.20	430	320
Total	21.20	498.42		
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	2.80	71.25	120	115
Total	2.80	71.25		
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)	0.80	7.84	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.80	7.84		
Koyna				
Stage 1-2	1.20	69.48	220	30
Stage 4	0.00	41.63	0	0
Stage 3	0.66	37.61	80	0
Total	1.86	148.73		
Hydro				
KDPH	0.00	12.81	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.20	9.52	57	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	8.48	40	0
RNGR+BHTSA	0.00	0.63	0	0
BHANDARDRA	0.04	0.80	15	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	7.47	0	0
GHATGHAR	0.00	0.00	0	0
Total	0.48	39.71		
Wind				
Total	8.91	677.86	0	0
Total	8.91	677.86		
CPP				
APML(Mus)	29.82	668.65	0	0
JSWEL(Mus)	18.02	426.35	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.83	178.02	0	0
Other(Mus)	6.88	177.69	0	0
Total	62.54	1450.70		
SOLAR				
Total	4.63	133.95	0	0
Total	4.63	133.95		
Tata				
Trombay 5	7.49	194.41	457	288
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	55.94	118	116
Trombay 7B	1.58	34.74	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	2.16	102.05	459	0
Total	14.04	387.13		
AEML				
DTPS U-1&2	4.70	124.13	252	188
Total	4.70	124.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.88	2703.82	MSPGCL Total	132.02	2963.51
			MSPGCL Thml+Gas	129.68	2775.07	Koyna 1,2 & 4 Total	1.20	111.12
			MSPGCL Hydro	2.34	188.44	State Total	226.85	5737.28

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	5040	35	118	5193	96	2656	0	0	5516	5315	-1233	12027	0	12027	1918	13945	50.00
2	5008	35	117	5160	92	2579	0	0	5351	5259	-1138	11952	0	11952	1819	13771	50.01
3	4980	35	118	5133	135	2514	0	0	5268	4846	-1056	11572	0	11572	1728	13300	49.98
4	4979	35	118	5132	168	2459	0	0	5178	5033	-979	11813	0	11813	1647	13460	49.96
5	5001	40	118	5159	209	2489	0	0	5225	5034	-946	11945	0	11945	1614	13559	49.95
6	5193	49	119	5361	250	2709	0	0	5504	5533	-964	12889	0	12889	1631	14520	49.95
7	5432	115	120	5667	303	2712	0	29	6476	6079	-959	13831	0	13831	1623	15454	50.02
8	5293	110	118	5521	196	2588	0	133	6847	6635	-1015	14058	0	14058	1675	15733	50.00
9	5347	120	118	5585	234	2668	0	305	6601	6819	-1131	14480	0	14480	1800	16280	49.98
10	5462	167	117	5746	350	2711	0	437	6548	6266	-1215	14295	0	14295	1959	16254	50.00
11	5440	210	116	5766	380	2704	0	579	6652	6323	-1361	14391	0	14391	2047	16438	49.99
12	5277	127	115	5519	434	2496	0	583	6605	6215	-1381	13866	0	13866	2077	15943	50.01
13	5220	106	115	5441	512	2353	0	654	6477	6308	-1455	13813	0	13813	2124	15937	49.96
14	5230	80	115	5425	503	2184	0	620	6333	6115	-1401	13446	0	13446	2070	15516	50.03
15	5318	90	115	5523	670	2171	0	484	6140	6159	-1379	13628	0	13628	2046	15674	49.98
16	5434	150	116	5700	685	2413	0	343	5774	5715	-1327	13529	0	13529	1996	15525	49.94
17	5468	46	115	5629	511	2642	0	276	5808	5894	-1281	13671	0	13671	1948	15619	49.99
18	5404	30	115	5549	454	2680	0	144	5669	5473	-1222	13078	0	13078	1896	14974	50.01
19	5349	90	115	5554	543	2691	0	42	5510	5296	-1079	13047	0	13047	1889	14936	49.96
20	5465	267	115	5847	516	2757	0	0	5225	5142	-686	13576	0	13576	1991	15567	49.94
21	5367	154	115	5636	426	2853	0	0	5282	5131	-669	13377	0	13377	2015	15392	49.96
22	5463	115	117	5695	397	2886	0	0	5223	4986	-841	13123	0	13123	1987	15110	49.95
23	5509	102	116	5727	432	2859	0	0	5142	5012	-962	13068	0	13068	1986	15054	49.98
24	5200	35	117	5352	411	2771	0	0	5161	4801	-1048	12287	0	12287	1987	14274	50.01
MUs	126.88	2.34	2.80	132.02	8.91	62.55	0.00	4.63	139.51	135.39	-26.73	316.76	0.00	316.76	45.47	362.24	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 25/Jul/2020

Position as on 6.30 Hrs of 26/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 25/Jul/2020

Position as on 6.30 Hrs of 26/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 25/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 26/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 Khandwa I	InterState	24/07/2020	13.34	25/07/2020	14.22	T	Distance Protection
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 - I	IntraState	24/07/2020	20.01	25/07/2020	07.58	HT	Over Voltage
Padghe - Kalwa- I	IntraState	24/07/2020	20.15	25/07/2020	09.16	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/07/2020	21.21	25/07/2020	09.32	HT	Over Voltage
Girwali- Lonikand 2	IntraState	25/07/2020	02.23	25/07/2020	13.01	T	Distance Protection
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 (RFC 20.35)
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 - Talegaon(PG)	IntraState	26/07/2020	10.04	26/07/2020	11.45	T	400 KV Bus Coupler Y Phase CT Blast.
Bus Coupler @ Kalwa	IntraState	26/07/2020	10.04		Continued.	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.
Lonikand I - Koyna stage-IV	IntraState	26/07/2020	22.17		Continued.	HT	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-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-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-I @Kalwa	IntraState	26/07/2020	10.04	26/07/2020	11.58	T	400 KV Bus Coupler Y Phase CT Blast.
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)
Kharghar-Borivali ckt II	IntraState	25/07/2020	03.10	25/07/2020	20.24	T	Distance Protection
512 Khadki- Century Enka	IntraState	25/07/2020	09.10	25/07/2020	15.26	EO	work of putting OPGW
Warora - Wardha	IntraState	25/07/2020	09.27	25/07/2020	18.29	PO	For fixing of conductor coating between loc. No.305-306.
Lonikand-VSNL	IntraState	25/07/2020	09.35	25/07/2020	16.00	PO	work of putting OPGW
Kalwa - Siemens	IntraState	25/07/2020	09.38	25/07/2020	20.48	PO	MMRDA pile foundation 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 25/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 26/Jul/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Trombay - Kalwa	IntraState	25/07/2020	10.24	25/07/2020	13.42	EO	For Trombay Bus Section Outage.
Karad-Nerle	IntraState	25/07/2020	10.38	25/07/2020	14.15	EO	REPLACEMENT OF FLASHOVER INSULATOR.
Trombay - Mulund	IntraState	25/07/2020	15.22	25/07/2020	18.14	EO	For Trombay Bus Section Outage.
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							
220/132kv 100 Mva Ict 2 @Peth	IntraState	25/07/2020	10.00	25/07/2020	11.49	PO	Attending Oil Leakage
220/132 Kv 100 Mva T&R Ict-2 @Bambhori	IntraState	25/07/2020	12.38	25/07/2020	13.24	T	Due To LA of JISI ckt burst at JISI end.
220/100 Kv 100 MVA ICT II @Vasai-ji	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