

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Jul/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.551	2330.457	1) Gujrat	6.734	105.497
2) Hydro	6.632	178.335	2) Madhya Pradesh	16.417	254.711
3) Gas	2.738	62.907	3) Chattisgarh	6.070	118.830
Total MSPGCL	127.921	2571.699	4) Maharashtra	131.615	2546.017
B) 1) APML	30.843	579.996	5) Goa (Amona)	-1.309	-3.531
2) JSWEL	17.711	373.533	Total	159.527	3021.524
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.749	567.398
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.164	547.676
5) WPCL	8.915	154.383	c) MSEDCL Bilateral *	53.992	785.870
6) Other IPP	7.932	156.148	Include PX	27.011	172.198
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.749	567.398
C) 1) TPCL Thermal	10.314	170.786	Include PX	22.482	380.402
2) TPCL Hydro	2.729	94.174	Standby	0.000	0.000
3) TPCL Gas	4.201	77.498	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.898	109.383	1) MSEDCL	339.820	7082.433
D) STATE			2) Mumbai Discoms	49.306	999.517
1) Thermal	200.164	3874.686	TOTAL STATE	389.126	8081.950
(A1+C1+C4+(B1-B6))					
2) Hydro	9.361	272.509			
(A2+C2)					
3) Gas	6.939	140.405			
(A3+B7+C3)					
4) Wind	7.582	652.223			
6) SOLAR	5.553	120.603			
TOTAL STATE	229.599	5060.426			

* 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 5 Hrs
MSPGCL Thermal	4960	4879	4916	4724
MSPGCL Hydro	198	78	1050	48
MSPGCL Gas	113	113	114	116
MSPGCL Total Generation	5271	5070	6080	4888
Central Sector Receipt	7938	7673	5761	5997
WIND	148	267	532	93
CPP / IPP Thermal	2690	2663	2770	2695
CPP / IPP Gas	0	0	0	0
SOLAR	777	739	0	0
Exchange with Mumbai	-1348	-1356	-806	-922
MSEDCL DEMAND MET	15476	15056	14337	12751
Load Shedding	0	0	0	0
MSEDCL DEMAND	15476	15056	14337	12751
TPCL GENERATION	707	750	1052	486
AEML GENERATION	251	251	252	252
MUMBAI DEMAND	2306	2357	2110	1660
STATE DEMAND MET	17782	17413	16447	14411
STATE DEMAND	17782	17413	16447	14411
Frequency (Hz)	50.00	50.01	49.96	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 13.03 Hrs	49.85 Hz at 06.13 Hrs	50	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 22/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	11.63	86.81	532	390
Unit 9	11.25	233.57	555	400
Unit 10	8.34	212.36	470	300
Total	31.21	532.74		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.84	61.52	470	405
Unit 5	0.00	0.00	0	0
Total	10.84	61.52		
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	0.00	57.23	0	0
Unit 4	3.77	80.34	160	152
Unit 5	8.25	193.25	364	300
Unit 6	8.98	177.94	417	355
Unit 7	8.47	196.37	361	338
Unit 8	10.04	209.81	440	360
Unit 9	10.16	182.87	440	405
Total	49.66	1097.81		
Paras				
Unit 3	3.77	100.28	210	128
Unit 4	3.31	102.45	205	0
Total	7.08	202.73		
Khaparkheda				
Unit 1	3.56	77.65	170	125
Unit 2	0.00	0.00	0	0
Unit 3	2.00	75.84	180	0
Unit 4	4.28	90.45	193	165
Unit 5	9.90	191.71	465	330
Total	19.75	435.66		
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	2.74	62.91	116	104
Total	2.74	62.91		
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)	0.35	5.65	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.35	5.65		
Koyna				
Stage 1-2	2.73	64.09	315	30
Stage 4	2.13	40.34	622	0
Stage 3	1.45	35.48	160	0
Total	6.31	139.91		
Hydro				
KDPH	0.00	12.81	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	9.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	7.83	40	0
RNGR+BHTSA	0.00	0.63	0	0
BHANDARDRA	0.00	0.72	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.19	7.22	8	7
GHATGHAR	0.00	0.00	0	0
Total	0.32	38.42		
Wind				
Total	7.58	652.22	0	0
Total	7.58	652.22		
CPP				
APML(Mus)	30.84	580.00	0	0
JSWEL(Mus)	17.71	373.53	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.92	154.38	0	0
Other(Mus)	7.93	156.15	0	0
Total	65.40	1264.06		
SOLAR				
Total	5.55	120.60	0	0
Total	5.55	120.60		
Tata				
Trombay 5	10.31	170.79	472	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.67	47.51	118	87
Trombay 7B	1.53	29.98	67	57
Trombay 8	0.00	0.00	0	0
TATA Hydro	2.73	94.17	431	0
Total	17.24	342.46		
AEML				
DTPS U-1&2	5.90	109.38	253	194
Total	5.90	109.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.55	2330.46	MSPGCL Total	127.92	2571.70
			MSPGCL Thml+Gas	121.29	2393.36	Koyna 1,2 & 4 Total	4.86	104.43
			MSPGCL Hydro	6.63	178.34	State Total	229.60	5060.43

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	4816	73	115	5004	224	2738	0	0	6244	6125	-1140	12951	0	12951	2007	14958	50.01
2	4782	43	116	4941	204	2728	0	0	5857	5737	-1018	12592	0	12592	1880	14472	49.98
3	4795	53	116	4964	164	2713	0	0	5723	5792	-963	12670	0	12670	1778	14448	49.98
4	4776	38	116	4930	106	2729	0	0	5828	5839	-886	12718	0	12718	1696	14414	49.99
5	4724	48	116	4888	93	2695	0	0	6037	5997	-922	12751	0	12751	1660	14411	50.01
6	4783	253	116	5152	63	2675	0	0	6410	6681	-829	13742	0	13742	1683	15425	49.98
7	4790	756	116	5662	41	2708	0	46	7268	6852	-777	14532	0	14532	1683	16215	49.96
8	4862	290	116	5268	78	2743	0	204	7999	7679	-809	15163	0	15163	1774	16937	49.99
9	4888	208	115	5211	64	2747	0	448	7987	8047	-1135	15382	0	15382	1945	17327	49.99
10	4929	277	115	5321	156	2717	0	626	7916	7860	-1366	15314	0	15314	2159	17473	49.97
11	4960	198	113	5271	148	2690	0	777	8170	7938	-1348	15476	0	15476	2306	17782	50.00
12	4942	78	114	5134	154	2673	0	761	8175	8009	-1376	15355	0	15355	2383	17738	50.03
13	4879	78	113	5070	267	2663	0	739	7917	7673	-1356	15056	0	15056	2357	17413	50.01
14	4938	93	113	5144	301	2691	0	524	7439	7616	-1315	14961	0	14961	2306	17267	50.03
15	4941	153	112	5206	466	2702	0	489	7635	7466	-1313	15016	0	15016	2308	17324	49.99
16	4947	253	112	5312	549	2713	0	447	7327	7153	-1238	14936	0	14936	2284	17220	50.00
17	5002	158	113	5273	706	2720	0	330	6966	6835	-1164	14700	0	14700	2239	16939	50.00
18	4960	68	112	5140	688	2697	0	137	6647	6638	-1244	14056	0	14056	2118	16174	49.99
19	4885	541	114	5540	602	2707	0	25	6295	6031	-1156	13749	0	13749	2036	15785	49.98
20	4916	1050	114	6080	532	2770	0	0	5878	5761	-806	14337	0	14337	2110	16447	49.96
21	5086	855	104	6045	529	2876	0	0	5488	5134	-878	13706	0	13706	2121	15827	49.98
22	5237	662	115	6014	505	2805	0	0	5462	5379	-894	13809	0	13809	2128	15937	50.02
23	5329	208	116	5653	494	2780	0	0	5545	5678	-965	13640	0	13640	2163	15803	50.02
24	5384	198	116	5698	448	2721	0	0	5941	5607	-1266	13208	0	13208	2182	15390	50.03
MUs	118.55	6.63	2.74	127.92	7.58	65.40	0.00	5.55	162.15	159.53	-26.16	339.82	0.00	339.82	49.31	389.13	50.00

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 22/Jul/2020

Position as on 6.30 Hrs of 23/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 22/Jul/2020

Position as on 6.30 Hrs of 23/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 5	500	01/06/2020	12.21		Continued.	Zero schedule By MSEDCL	
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	18/07/2020	12.15		Continued.	PA Fan problem	
MSPGCL	Khaparkheda Unit 3	210	19/07/2020	23.48	23/07/2020	08.57	Drum Level Very Low Protection Alarm.	
MSPGCL	Paras Unit 4	250	23/07/2020	17.53	23/07/2020	19.50	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 23/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
Dhule - Bableshwar - II	IntraState	09/07/2020	21.01	22/07/2020	08.23	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	10/07/2020	17.11	22/07/2020	08.44	HT	Over Voltage
Padghe - Nagothane - II	IntraState	13/07/2020	22.23		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/07/2020	16.13		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	21/07/2020	18.47	22/07/2020	09.59	HT	Over Voltage
Padghe - Kalwa- I	IntraState	22/07/2020	02.57	22/07/2020	07.23	T	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	22/07/2020	09.02	22/07/2020	15.56	PO	Quarterly Maintenance Work
Ektuni-Bableshwar ckt I	IntraState	22/07/2020	09.23	22/07/2020	15.56	PO	Quarterly maintainance work & relay testing.
Babhaleshwar - Padghe-I	IntraState	22/07/2020	09.23		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	22/07/2020	10.06	22/07/2020	14.23	PO	Quarterly maintenance work & Relay testing chemical cleaning by cold washing.
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
Padghe - Kalwa- I	IntraState	23/07/2020	02.02		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.
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	22/07/2020	10.11	22/07/2020	18.32	PO	Check LTS Scheme asper Protection Audit Compliance.
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)
New Koyna - Pedambe	IntraState	21/07/2020	08.58	22/07/2020	00.01	PO	Outage on 220KV Main Bus II for attending oil leakage of Y Ph Bus PT.
Bableshwar- Bableshwar-II	IntraState	22/07/2020	05.55	22/07/2020	06.54	T	Distance Protection
Khadka-Chalisgaon-1	IntraState	22/07/2020	09.03	22/07/2020	12.02	PO	Line Maintenance work
Lonikand-VSNL	IntraState	22/07/2020	09.22	22/07/2020	17.45	EO	Work of Putting OPGW.
512 Khadki- Century Enka	IntraState	22/07/2020	09.26	22/07/2020	17.45	EO	Work of putting OPGW.
Kalwa - Borivali	IntraState	22/07/2020	09.26	22/07/2020	14.23	EO	To attend Hotspot in Borivali Gantry.
WALCHANDNAGAR - PHALTAN MIDC	IntraState	22/07/2020	10.10	22/07/2020	14.40	EO	Replacement of flash over string.
Yeotmal- Pusad	IntraState	22/07/2020	10.15	22/07/2020	18.50	PO	Testing Work
Chandrapur GCR - Warora - I	IntraState	22/07/2020	10.28	22/07/2020	18.13	PO	Line Maintenance work
Uran - Kharghar I	IntraState	22/07/2020	11.14	22/07/2020	17.53	EO	Attending Hot Spot
Khaparkheda-Kalmeshwar	IntraState	22/07/2020	13.01	22/07/2020	15.45	PO	Tree Cutting work
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	22/07/2020	12.50	22/07/2020	13.05	EO	Proper Covering of Polythene Sheet Covered on Bucholz Relay.

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