

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Jun/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	83.247	1813.574	1) Gujrat	13.111	123.493
2) Hydro	7.854	164.261	2) Madhya Pradesh	5.526	116.066
3) Gas	2.983	58.131	3) Chattisgarh	5.330	104.800
Total MSPGCL	94.084	2035.966	4) Maharashtra	126.306	2314.596
B) 1) APLM	30.311	787.706	5) Goa (Amona)	-0.836	-6.380
2) JSWEL	16.270	335.323	Total	149.437	2652.575
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.465	400.472
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.539	391.144
5) WPCL	2.695	51.631	c) MSEDCL Bilateral *	34.470	717.569
6) Other IPP	7.031	151.458	Include PX	11.217	236.060
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.465	400.472
C) 1) TPCL Thermal	9.249	155.652	Include PX	12.176	260.970
2) TPCL Hydro	3.961	90.982	Standby	0.000	0.000
3) TPCL Gas	4.391	87.912	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.554	196.400	1) MSEDCL	321.811	6314.680
D) STATE			2) Mumbai Discoms	48.693	922.083
1) Thermal	158.357	3491.744	TOTAL STATE	370.504	7236.763
(A1+C1+C4+(B1-B6))					
2) Hydro	11.815	255.243			
(A2+C2)					
3) Gas	7.374	146.043			
(A3+B7+C3)					
4) Wind	36.939	578.860			
6) SOLAR	6.583	112.305			
TOTAL STATE	221.068	4584.195			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3659	3463	3755	3442
MSPGCL Hydro	233	486	368	187
MSPGCL Gas	125	120	122	125
MSPGCL Total Generation	4017	4069	4245	3754
Central Sector Receipt	7327	6552	6281	5325
WIND	1165	2002	1726	1318
CPP / IPP Thermal	2397	2296	2324	2413
CPP / IPP Gas	0	0	0	0
SOLAR	402	705	0	0
Exchange with Mumbai	-702	-1043	-968	-799
MSEDCL DEMAND MET	14606	14581	13608	12011
Load Shedding	0	0	0	0
MSEDCL DEMAND	14606	14581	13608	12011
TPCL GENERATION	694	747	694	648
AEML GENERATION	490	377	373	372
MUMBAI DEMAND	1886	2167	2035	1819
STATE DEMAND MET	16492	16748	15643	13830
STATE DEMAND	16492	16748	15643	13830
Frequency (Hz)	50.11	49.96	49.94	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 10.03 Hrs	49.79 Hz at 19.11 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 20/Jun/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	0.00	0.00	0	0
Unit 9	0.00	18.14	0	0
Unit 10	0.00	18.21	0	0
Total	0.00	36.35		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	2.50	0	0
Unit 5	0.00	4.40	0	0
Total	0.00	6.91		
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	2.61	0	0
Total	0.00	2.61		
Chandrapur				
Unit 3	4.14	69.74	184	140
Unit 4	3.86	65.34	166	155
Unit 5	9.33	157.81	420	365
Unit 6	7.76	168.04	450	0
Unit 7	9.74	189.65	450	360
Unit 8	10.10	202.86	465	360
Unit 9	10.32	197.12	465	360
Total	55.26	1050.56		
Paras				
Unit 3	0.00	91.58	0	0
Unit 4	0.00	95.88	0	0
Total	0.00	187.46		
Khaparkheda				
Unit 1	4.00	79.08	180	150
Unit 2	4.23	82.72	195	160
Unit 3	4.32	76.80	195	160
Unit 4	4.25	82.17	195	162
Unit 5	11.18	208.92	500	400
Total	27.98	529.69		
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	2.98	58.13	136	119
Total	2.98	58.13		
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)	0.07	2.58	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	2.58		
Koyna				
Stage 1-2	2.70	60.98	355	35
Stage 4	1.45	38.63	425	0
Stage 3	0.97	24.21	80	0
Total	5.12	123.82		
Hydro				
KDPH	0.70	8.12	29	29
VTRNA	0.00	0.00	0	0
TILLARI	0.74	12.95	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	2.58	40	0
RNGR+BHTSA	0.25	4.70	11	10
BHANDARDRA	0.42	8.58	34	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.31	3.50	22	10
GHATGHAR	0.00	0.00	0	0
Total	2.73	40.44		
Wind				
Total	36.94	578.86	0	0
Total	36.94	578.86		
CPP				
APML(Mus)	30.31	787.71	0	0
JSWEL(Mus)	16.27	335.32	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	51.63	0	0
Other(Mus)	7.03	151.46	0	0
Total	56.31	1326.12		
SOLAR				
Total	6.58	112.30	0	0
Total	6.58	112.30		
Tata				
Trombay 5	9.25	155.65	457	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	56.12	118	116
Trombay 7B	1.58	31.79	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.96	90.98	401	27
Total	17.60	334.55		
AEML				
DTPS U-1&2	9.55	196.40	500	372
Total	9.55	196.40		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	83.25	1813.57	MSPGCL Total	94.08	2035.97
			MSPGCL Thml+Gas	86.23	1871.70	Koyna 1,2 & 4 Total	4.15	99.61
			MSPGCL Hydro	7.85	164.26	State Total	221.07	4584.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Jun/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	3236	642	123	4001	1327	2365	0	0	5330	5587	-772	12508	0	12508	2139	14647	49.98
2	3299	232	124	3655	1336	2422	0	0	5666	5647	-800	12260	0	12260	2011	14271	49.97
3	3301	177	125	3603	1388	2418	0	0	5496	5608	-854	12163	0	12163	1901	14064	50.02
4	3442	187	125	3754	1318	2413	0	0	5233	5325	-799	12011	0	12011	1819	13830	50.01
5	3602	187	136	3925	1329	2427	0	0	5348	5238	-757	12162	0	12162	1777	13939	50.04
6	3475	150	126	3751	1209	2397	0	0	6179	6057	-711	12703	0	12703	1769	14472	50.04
7	3568	419	125	4112	1078	2409	0	58	6660	6778	-621	13814	0	13814	1745	15559	49.99
8	3638	171	126	3935	933	2395	0	218	6712	7090	-576	13995	0	13995	1772	15767	50.03
9	3659	233	125	4017	1165	2397	0	402	7192	7327	-702	14606	0	14606	1886	16492	50.11
10	3274	236	133	3643	1187	2372	0	630	7410	7481	-1055	14258	0	14258	2045	16303	50.09
11	3187	242	122	3551	1442	2321	0	811	7412	7337	-1202	14260	0	14260	2166	16426	50.08
12	3208	310	120	3638	1513	2256	0	943	6866	7094	-1164	14280	0	14280	2202	16482	50.03
13	3183	328	121	3632	1806	2197	0	868	6647	6790	-1181	14112	0	14112	2196	16308	50.03
14	3192	326	119	3637	1744	2217	0	809	6448	6420	-1158	13669	0	13669	2173	15842	49.99
15	3463	486	120	4069	2002	2296	0	705	6461	6552	-1043	14581	0	14581	2167	16748	49.96
16	3785	286	121	4192	1946	2333	0	508	6125	6027	-942	14064	0	14064	2140	16204	50.01
17	3566	266	122	3954	2239	2306	0	406	5933	5803	-907	13801	0	13801	2076	15877	50.03
18	3210	175	122	3507	2014	2255	0	181	6050	6152	-988	13121	0	13121	1997	15118	50.05
19	3328	185	122	3635	1891	2184	0	44	5871	6223	-959	13018	0	13018	1943	14961	50.01
20	3755	368	122	4245	1726	2324	0	0	6145	6281	-968	13608	0	13608	2035	15643	49.94
21	3728	402	123	4253	1733	2361	0	0	5859	6012	-890	13469	0	13469	2111	15580	49.99
22	3748	434	123	4305	1657	2392	0	0	5500	5544	-741	13157	0	13157	2154	15311	49.97
23	3705	859	133	4697	1419	2440	0	0	5416	5546	-841	13261	0	13261	2212	15473	49.95
24	3695	553	125	4373	1537	2410	0	0	5390	5518	-908	12930	0	12930	2258	15188	49.99
MUs	83.25	7.85	2.98	94.08	36.94	56.31	0.00	6.58	147.35	149.44	-21.54	321.81	0.00	321.81	48.69	370.51	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 20/Jun/2020

Position as on 6.30 Hrs of 21/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
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	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.	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No 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.	Shaft position	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Shaft Position	
MSPGCL	Koradi Unit-8	660	31/05/2020	22.56		Continued.	Heavy steam Leakage in super heater.(Converted in	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Jun/2020

Position as on 6.30 Hrs of 21/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							To Zero schedule w.e.f 03.06.2020 01.28)	
MSPGCL	Bhusawal Unit 4	500	01/06/2020	07.16		Continued.	Zero Schedule By MSEDCL	
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	
MSPGCL	Koradi Unit 9	660	02/06/2020	15.42		Continued.	Converted Zero Schedule from 03.06.2020	
MSPGCL	Koradi Unit 10	660	03/06/2020	02.20		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	Koyana STG- IV Unit - 1	250	17/06/2020	08.00		Continued.	Work Of Main Inlet Spherical Valve Servomotor Cylinder.	
MSPGCL	Paras Unit 3	250	19/06/2020	01.58		Continued.	Zero schedule.	
MSPGCL	Paras Unit 4	250	19/06/2020	04.00		Continued.	Zero schedule.	
MSPGCL	Chandrapur Unit 6	500	19/06/2020	23.31	20/06/2020	03.05	Turbine Side Control Valve Problem.	
MSPGCL	Khaparkheda Unit 2	210	21/06/2020	06.47		Continued.	Low Air Flow	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 21/Jun/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
Chandrapur Bhadravati I	InterState	14/06/2020	17.48		Continued.	HT	Over Voltage
Dhule Khandwa I	InterState	14/06/2020	18.02		Continued.	T	Bus-II B Phase CVT Burst
Jaigad-Karad Ckt-I	IntraState	10/06/2020	23.22		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Kept out due to No generation available at sinner ent.
Khadka-Aurangabad (Waluj)	IntraState	12/06/2020	17.00		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	15/06/2020	21.16		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	16/06/2020	21.42	20/06/2020	08.09	T	Over Voltage
karad -kolhapur-II	IntraState	17/06/2020	16.46		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	18/06/2020	20.48		Continued.	HT	Over Voltage
Parly(MS)- Nanded ckt II	IntraState	19/06/2020	09.14	20/06/2020	07.33	EO	Replacement of broken spacers.(RFC 19:37 at
Padghe - Nagothane - II	IntraState	19/06/2020	18.08		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	19/06/2020	19.51		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/06/2020	23.23	20/06/2020	09.10	HT	Over Voltage
Koradi-RattanIndia	IntraState	20/06/2020	14.23	20/06/2020	17.55	PO	Testing Work
Lonikand I - Koyna stage-IV	IntraState	21/06/2020	01.14		Continued.	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	21/06/2020	18.39	21/06/2020	20.48	EO	SF6 Gas Refilling at pune GIS end
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.
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)
Boiser(M)-Boiser(PG) -III	InterState	20/06/2020	04.17	20/06/2020	07.43	EO	Attending Hot Spot Boiser(PG) end.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Sawantwadi-Bidri	IntraState	19/06/2020	22.10	20/06/2020	09.05	HT	Over Voltage
Ghodbunder - Gorai	IntraState	20/06/2020	09.07	20/06/2020	14.05	PO	Replacement work
Trombay-Salsette II	IntraState	20/06/2020	09.10	20/06/2020	18.53	PO	Maintenance Work
Talandage - Sawantwadi I	IntraState	20/06/2020	09.27	20/06/2020	16.20	PO	Replacement work
Centuri Enka- Bhosari	IntraState	20/06/2020	09.58	20/06/2020	12.22	EO	Tree Cutting Work
New Koyna - Loteparshuram	IntraState	20/06/2020	11.10	20/06/2020	11.30	T	Distance Protection
Bhosari 2 - Telco	IntraState	20/06/2020	12.46	20/06/2020	18.50	PO	Half yearly maintenance work
Nagothane-Wadkhal-I	IntraState	20/06/2020	13.20	20/06/2020	15.54	PO	Replacement work
Flagship-Chinchwad	IntraState	20/06/2020	15.57		Continued.	PO	BIRD NEST REMOVAL
Sawantwadi-Bidri	IntraState	20/06/2020	23.49	21/06/2020	13.00	HT	Over Voltage
Trombay Dharavi 6	IntraState	21/06/2020	09.04	21/06/2020	16.13	PO	work in vicinity of TS-Carnac line
Trombay Salsette 1 Backbay	IntraState	21/06/2020	09.04	21/06/2020	21.25	PO	Loop opening of 220KV Trombay-Salsette1/Carnac 7 line at Loc.No.11
Kalwa-TIFIL	IntraState	21/06/2020	09.20	21/06/2020	18.52	PO	MMRDA pile foundation work
Kharghar-Borivali ckt I	IntraState	21/06/2020	09.56	21/06/2020	19.06	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 20/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 21/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chandrapur(MIDC)-Ballarshah II	IntraState	21/06/2020	16.42	21/06/2020	17.10	T	Distance Protection
Sawantwadi-Bidri	IntraState	21/06/2020	23.15		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT-I @ Shivajinagar	IntraState	13/06/2020	01.24		Continued.	T	Differential protection & main Buchholz trip.
220/132 Kv 100 Mva Emco Ict @Bhenda	IntraState	20/06/2020	09.05	20/06/2020	13.44	PO	Quarterly Maintainance Work
220/132kV 100MVA ICT-II @ Alephata	IntraState	20/06/2020	09.23	20/06/2020	18.16	EO	Maintenance Work

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