

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	83.621	1978.510	1) Gujrat	12.245	148.806
2) Hydro	16.073	186.915	2) Madhya Pradesh	6.740	129.757
3) Gas	3.028	64.199	3) Chattisgarh	7.550	118.630
Total MSPGCL	102.722	2229.624	4) Maharashtra	127.033	2565.269
B) 1) APLM	30.594	848.113	5) Goa (Amona)	-0.396	-7.084
2) JSWEL	17.231	369.376	Total	153.172	2955.378
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.831	443.744
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.318	431.758
5) WPCL	2.690	56.990	c) MSEDCL Bilateral *	36.472	791.210
6) Other IPP	7.533	165.915	Include PX	11.979	262.294
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.831	443.744
C) 1) TPCL Thermal	10.044	173.764	Include PX	13.572	287.518
2) TPCL Hydro	4.508	99.141	Standby	0.000	0.000
3) TPCL Gas	4.387	96.686	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.381	215.732	1) MSEDCL	338.932	6975.762
D) STATE			2) Mumbai Discoms	49.638	1017.074
1) Thermal	162.094	3808.400	TOTAL STATE	388.570	7992.836
(A1+C1+C4+(B1-B6))					
2) Hydro	20.581	286.056			
(A2+C2)					
3) Gas	7.415	160.885			
(A3+B7+C3)					
4) Wind	38.885	657.651			
6) SOLAR	6.423	124.473			
TOTAL STATE	235.398	5037.465			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3576	3521	3414	3475
MSPGCL Hydro	826	1043	799	107
MSPGCL Gas	124	121	133	129
MSPGCL Total Generation	4526	4685	4346	3711
Central Sector Receipt	7314	6844	6188	5487
WIND	1696	1837	1685	1493
CPP / IPP Thermal	2453	2404	2367	2495
CPP / IPP Gas	0	0	0	0
SOLAR	674	826	0	0
Exchange with Mumbai	-1015	-1086	-682	-872
MSEDCL DEMAND MET	15648	15510	13904	12314
Load Shedding	0	0	0	0
MSEDCL DEMAND	15648	15510	13904	12314
TPCL GENERATION	720	773	904	535
AEML GENERATION	373	419	499	373
MUMBAI DEMAND	2108	2278	2085	1780
STATE DEMAND MET	17756	17788	15989	14094
STATE DEMAND	17756	17788	15989	14094
Frequency (Hz)	50.01	49.95	49.95	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 10:01 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 22/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	3.00	76.87	182	0
Unit 4	3.84	73.06	165	148
Unit 5	9.71	177.07	415	390
Unit 6	10.33	188.11	450	390
Unit 7	10.67	209.95	453	420
Unit 8	10.79	223.69	470	430
Unit 9	10.88	218.28	475	420
Total	59.21	1167.04		
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	3.96	86.98	180	155
Unit 2	0.78	84.30	170	0
Unit 3	4.51	85.48	194	158
Unit 4	4.37	90.68	190	162
Unit 5	10.79	230.71	490	400
Total	24.41	578.14		
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	3.03	64.20	138	121
Total	3.03	64.20		
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)	0.19	2.85	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.19	2.85		
Koyna				
Stage 1-2	5.09	68.46	480	35
Stage 4	6.36	45.34	740	0
Stage 3	2.30	27.80	160	0
Total	13.75	141.61		
Hydro				
KDPH	0.70	9.44	29	29
VTRNA	0.00	0.00	0	0
TILLARI	0.74	14.44	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	3.11	40	0
RNGR+BHTSA	0.09	5.07	10	0
BHANDARDRA	0.40	9.39	32	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	3.85	15	4
GHATGHAR	0.00	0.00	0	0
Total	2.32	45.30		
Wind				
Total	38.88	657.65	0	0
Total	38.88	657.65		
CPP				
APML(Mus)	30.59	848.11	0	0
JSWEL(Mus)	17.23	369.38	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.69	56.99	0	0
Other(Mus)	7.53	165.92	0	0
Total	58.05	1440.39		
SOLAR				
Total	6.42	124.47	0	0
Total	6.42	124.47		
Tata				
Trombay 5	10.04	173.76	459	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	61.74	118	116
Trombay 7B	1.58	34.95	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.51	99.14	418	44
Total	18.94	369.59		
AEML				
DTPS U-1&2	10.38	215.73	501	372
Total	10.38	215.73		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	83.62	1978.51	MSPGCL Total	102.72	2229.62
			MSPGCL Thml+Gas	86.65	2042.71	Koyna 1,2 & 4 Total	11.45	113.81
			MSPGCL Hydro	16.07	186.92	State Total	235.40	5037.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	3588	118	137	3843	1393	2477	0	0	5599	5763	-923	12553	0	12553	2046	14599	50.02
2	3570	138	127	3835	1541	2481	0	0	5464	5626	-979	12504	0	12504	1938	14442	50.02
3	3504	102	127	3733	1697	2493	0	0	5489	5342	-869	12396	0	12396	1864	14260	49.97
4	3475	107	129	3711	1493	2495	0	0	5449	5487	-872	12314	0	12314	1780	14094	50.03
5	3534	107	138	3779	1457	2458	0	0	5492	5819	-777	12736	0	12736	1737	14473	50.01
6	3580	453	128	4161	1190	2465	0	0	6214	6486	-672	13630	0	13630	1741	15371	49.97
7	3579	979	128	4686	1089	2474	0	63	7084	7037	-671	14678	0	14678	1719	16397	50.02
8	3590	567	127	4284	1124	2465	0	260	7537	7545	-732	14946	0	14946	1785	16731	49.96
9	3583	485	136	4204	1435	2400	0	479	7570	7695	-870	15343	0	15343	1934	17277	50.02
10	3576	826	124	4526	1696	2453	0	674	7328	7314	-1015	15648	0	15648	2108	17756	50.01
11	3510	628	123	4261	1645	2451	0	738	7363	7288	-1091	15292	0	15292	2218	17510	50.01
12	3550	628	123	4301	1680	2410	0	813	7441	7392	-1113	15483	0	15483	2251	17734	50.00
13	3521	1043	121	4685	1837	2404	0	826	7245	6844	-1086	15510	0	15510	2278	17788	49.95
14	3455	608	121	4184	1808	2409	0	756	6970	6922	-942	15137	0	15137	2300	17437	49.97
15	3438	600	121	4159	2002	2374	0	646	6971	6986	-793	15374	0	15374	2337	17711	49.93
16	3480	745	121	4346	1905	2359	0	590	6491	6726	-765	15161	0	15161	2324	17485	49.97
17	3321	1203	121	4645	2048	2368	0	359	6173	6204	-731	14893	0	14893	2248	17141	49.98
18	3341	811	122	4274	2079	2361	0	168	6232	6106	-896	14092	0	14092	2106	16198	50.00
19	3318	736	123	4177	1915	2363	0	51	5900	6000	-847	13659	0	13659	2006	15665	49.99
20	3414	799	133	4346	1685	2367	0	0	5928	6188	-682	13904	0	13904	2085	15989	49.95
21	3447	962	123	4532	1668	2381	0	0	5783	5713	-643	13651	0	13651	2140	15791	49.93
22	3370	1089	123	4582	1554	2386	0	0	5454	5662	-706	13478	0	13478	2176	15654	49.95
23	3417	1299	125	4841	1465	2367	0	0	5495	5429	-807	13295	0	13295	2245	15540	49.94
24	3460	1040	127	4627	1479	2387	0	0	5534	5598	-836	13255	0	13255	2272	15527	49.99
MUs	83.62	16.07	3.03	102.72	38.89	58.05	0.00	6.42	152.21	153.17	-20.32	338.93	0.00	338.93	49.64	388.57	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 22/Jun/2020

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

Position as on 6.30 Hrs of 23/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	23/06/2020	06.13	Zero schedule.	
MSPGCL	Paras Unit 4	250	19/06/2020	04.00	23/06/2020	06.34	Zero schedule.	
MSPGCL	Khaparkheda Unit 2	210	21/06/2020	06.47	22/06/2020	15.40	Low Air Flow	
MSPGCL	Chandrapur Unit 3	210	22/06/2020	15.59	22/06/2020	22.02	Low furnace pressure	

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

Statement-VII

Position as on 6.30 Hrs of 23/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
karad -kolhapur-II	IntraState	17/06/2020	16.46	22/06/2020	15:32	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	18/06/2020	20.48		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	19/06/2020	18.08		Continued.	HT	Over Voltage
Dhule- Bableswhar - I	IntraState	19/06/2020	19.51		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	21/06/2020	01.14	22/06/2020	20.51	HT	Over Voltage
Parly(MS)- Nanded ckt I	IntraState	22/06/2020	09.04	22/06/2020	19.04	PO	Line Conductor and Earthwire Hardware Tightening Work.
Alkud-Kolhapur(Talandage)	IntraState	22/06/2020	10.45	22/06/2020	19.32	EO	R-Ph CVT Replacement At 400kv Kolhapur-PG Bay.
karad -kolhapur-I	IntraState	22/06/2020	16.00		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 300 MVA ICT- I @Koradi	IntraState	22/06/2020	10.27	22/06/2020	16.49	PO	To Carry Out Pre Monsoon Activities.
400/220KV 500MVA ICT1@koradi 2	IntraState	22/06/2020	11.23	22/06/2020	19.41	PO	Tan Delta Measurement of Bushing of ICT, Tan Delta Measurement of Line CT At Bay 430.
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)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Sawantwadi-Bidri	IntraState	21/06/2020	23.15	22/06/2020	09:15	HT	Over Voltage
Dahanu-Viraj	IntraState	22/06/2020	08.31	22/06/2020	12.56	PO	Maintenance Work at Dahanu Switchyard.
Chalisgaon -Babhaleshwar	IntraState	22/06/2020	08.48	22/06/2020	19.33	PO	R,Y,B Ph CT Replacement
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	22/06/2020	09.35	22/06/2020	12.46	PO	Quarterly Maintenance Work, C & Tan Delta Testing Work.
Main Bus-I@Versova	IntraState	22/06/2020	09.48	22/06/2020	19.32	PO	Outage is Being Availled for Safety Purpose During Erection of Column and Truss Members By Crane Above 220kv GIS Plinth for Shed.
Gadchandur - Virur-I	IntraState	22/06/2020	14.22	22/06/2020	16.42	PO	Distance Relay Testing Work
Trombay - Mulund	IntraState	22/06/2020	15.14	22/06/2020	22.24	PO	Replacement of Y Ph Bus PT at Trombay.
Chandrapur(MIDC)-Ballarshah II	IntraState	22/06/2020	15.50	22/06/2020	18.57	T	LBB operated
chandrapur-Tadali	IntraState	22/06/2020	15.50	22/06/2020	16.43	T	LBB operated
Chandrapur(MIDC)-Ballarshah I	IntraState	22/06/2020	15.50	22/06/2020	21.55	T	Tripped On LBB.
Midc Chandrapur-Gadchandur	IntraState	22/06/2020	15.50	22/06/2020	16.49	T	LBB operated
Padghe - Nalasopara	IntraState	22/06/2020	22.34		Continued.	PO	Hot Spot on B Ph CT.

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 22/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 23/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.