

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jun/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	89.039	2159.827	1) Gujrat	16.265	180.055
2) Hydro	27.349	232.051	2) Madhya Pradesh	13.173	150.743
3) Gas	3.036	70.304	3) Chattisgarh	7.620	133.790
Total MSPGCL	119.424	2462.182	4) Maharashtra	143.056	2837.201
B) 1) APML	30.610	909.126	5) Goa (Amona)	-0.440	-7.964
2) JSWEL	17.094	403.126	Total	179.674	3293.825
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.782	489.109
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	17.856	467.692
5) WPCL	2.699	62.390	c) MSEDCL Bilateral *	59.112	892.913
6) Other IPP	7.751	181.374	Include PX	36.250	317.841
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.782	489.109
C) 1) TPCL Thermal	10.789	195.175	Include PX	14.127	315.840
2) TPCL Hydro	4.877	109.044	Standby	0.000	0.000
3) TPCL Gas	4.384	105.339	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.018	238.973	1) MSEDCL	362.447	7689.488
D) STATE			2) Mumbai Discoms	49.924	1116.217
1) Thermal	170.000	4149.991	TOTAL STATE	412.371	8805.705
(A1+C1+C4+(B1-B6))					
2) Hydro	32.226	341.095			
(A2+C2)					
3) Gas	7.420	175.643			
(A3+B7+C3)					
4) Wind	16.745	708.165			
6) SOLAR	6.306	136.992			
TOTAL STATE	232.697	5511.886			

* 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 4 Hrs
MSPGCL Thermal	3620	3443	3333	4165
MSPGCL Hydro	1188	1679	1482	332
MSPGCL Gas	123	121	133	129
MSPGCL Total Generation	4931	5243	4948	4626
Central Sector Receipt	8890	8871	6983	6170
WIND	630	460	905	851
CPP / IPP Thermal	2417	2426	2477	2361
CPP / IPP Gas	0	0	0	0
SOLAR	805	762	0	0
Exchange with Mumbai	-978	-1060	-601	-609
MSEDCL DEMAND MET	16695	16702	14712	13399
Load Shedding	0	0	0	0
MSEDCL DEMAND	16695	16702	14712	13399
TPCL GENERATION	751	767	983	701
AEML GENERATION	501	501	501	501
MUMBAI DEMAND	2230	2328	2085	1811
STATE DEMAND MET	18925	19030	16797	15210
STATE DEMAND	18925	19030	16797	15210
Frequency (Hz)	50.02	49.92	49.90	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.03 Hrs	49.79 Hz at 19.47 Hrs	49.97	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 24/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	4.12	84.82	177	155
Unit 4	3.79	80.57	163	148
Unit 5	9.00	195.37	385	355
Unit 6	9.67	207.70	425	380
Unit 7	3.71	223.62	420	0
Unit 8	10.62	244.69	475	390
Unit 9	10.79	239.73	470	428
Total	51.70	1276.50		
Paras				
Unit 3	5.60	100.53	250	220
Unit 4	5.43	104.61	240	205
Total	11.03	205.14		
Khaparkheda				
Unit 1	3.98	94.91	175	160
Unit 2	2.00	89.82	180	0
Unit 3	4.52	94.58	195	182
Unit 4	4.12	99.37	187	160
Unit 5	11.68	253.64	500	449
Total	26.30	632.32		
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	3.04	70.30	139	120
Total	3.04	70.30		
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)	0.08	3.00	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	3.00		
Koyna				
Stage 1-2	8.94	83.30	490	40
Stage 4	11.72	63.56	760	0
Stage 3	4.41	35.42	320	0
Total	25.06	182.28		
Hydro				
KDPH	0.70	10.83	29	29
VTRNA	0.00	0.00	0	0
TILLARI	0.62	15.61	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	3.59	40	0
RNGR+BHTSA	0.25	5.44	11	10
BHANDARDRA	0.40	10.20	30	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.10	4.09	13	1
GHATGHAR	0.00	0.00	0	0
Total	2.29	49.77		
Wind				
Total	16.74	708.16	0	0
Total	16.74	708.16		
CPP				
APML(Mus)	30.61	909.13	0	0
JSWEL(Mus)	17.09	403.13	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	62.39	0	0
Other(Mus)	7.75	181.37	0	0
Total	58.15	1556.02		
SOLAR				
Total	6.31	136.99	0	0
Total	6.31	136.99		
Tata				
Trombay 5	10.79	195.18	468	403
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	67.26	117	116
Trombay 7B	1.58	38.08	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.88	109.04	421	62
Total	20.05	409.56		
AEML				
DTPS U-1&2	12.02	238.97	502	499
Total	12.02	238.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	89.04	2159.83	MSPGCL Total	119.42	2462.18
			MSPGCL Thml+Gas	92.08	2230.13	Koyna 1,2 & 4 Total	20.65	146.86
			MSPGCL Hydro	27.35	232.05	State Total	232.70	5511.89

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	4145	554	127	4826	991	2346	0	0	6117	6166	-731	13598	0	13598	2120	15718	49.97
2	4172	487	138	4797	910	2347	0	0	6126	6102	-703	13453	0	13453	1992	15445	49.98
3	4160	401	128	4689	858	2353	0	0	5983	6206	-685	13421	0	13421	1889	15310	49.98
4	4165	332	129	4626	851	2361	0	0	6045	6170	-609	13399	0	13399	1811	15210	50.01
5	4145	237	128	4510	844	2364	0	0	6196	6287	-551	13454	0	13454	1768	15222	49.96
6	4130	646	139	4915	632	2365	0	0	6799	6771	-508	14175	0	14175	1738	15913	49.94
7	4102	1336	129	5567	464	2366	0	56	7709	7633	-486	15600	0	15600	1702	17302	50.00
8	4108	1068	127	5303	438	2366	0	250	8349	8431	-573	16215	0	16215	1783	17998	49.98
9	4010	728	135	4873	477	2370	0	521	8555	8603	-717	16127	0	16127	1935	18062	49.97
10	3706	1148	124	4978	596	2372	0	736	8561	8689	-874	16497	0	16497	2109	18606	49.95
11	3620	1188	123	4931	630	2417	0	805	8748	8890	-978	16695	0	16695	2230	18925	50.02
12	3541	1499	120	5160	453	2428	0	784	8437	8713	-1022	16516	0	16516	2287	18803	49.97
13	3443	1679	121	5243	460	2426	0	762	8393	8871	-1060	16702	0	16702	2328	19030	49.92
14	3427	1683	121	5231	404	2428	0	654	8415	8321	-912	16126	0	16126	2314	18440	49.93
15	3426	1653	121	5200	463	2431	0	587	8263	8540	-769	16452	0	16452	2339	18791	49.97
16	3452	1663	122	5237	501	2428	0	471	7867	8580	-755	16462	0	16462	2327	18789	49.99
17	3413	1673	122	5208	514	2435	0	366	7870	8192	-729	15986	0	15986	2262	18248	49.94
18	3403	1292	124	4819	691	2468	0	248	8015	8035	-868	15393	0	15393	2140	17533	50.02
19	3390	614	124	4128	846	2471	0	66	7590	7713	-791	14433	0	14433	2051	16484	50.01
20	3333	1482	133	4948	905	2477	0	0	6843	6983	-601	14712	0	14712	2085	16797	49.90
21	3423	1450	125	4998	999	2496	0	0	6427	6600	-640	14453	0	14453	2114	16567	50.01
22	3463	1525	125	5113	1010	2532	0	0	6010	6362	-681	14336	0	14336	2155	16491	49.95
23	3433	1520	125	5078	931	2552	0	0	5707	6294	-797	14058	0	14058	2225	16283	49.95
24	3429	1491	126	5046	877	2555	0	0	5901	6522	-816	14184	0	14184	2220	16404	50.01
MUs	89.04	27.35	3.04	119.42	16.75	58.15	0.00	6.31	174.93	179.67	-17.86	362.45	0.00	362.45	49.92	412.37	49.97

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 24/Jun/2020

Position as on 6.30 Hrs of 25/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 24/Jun/2020

Position as on 6.30 Hrs of 25/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	Chandrapur Unit 7	500	24/06/2020	09.30		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkhedda Unit 2	210	24/06/2020	11.34		Continued.	Generator Earth Fault	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 25/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	24/06/2020	06.11	T	Bus-II B Phase CVT Burst
Jaigad-Karad Ckt-I	IntraState	10/06/2020	23.22	24/06/2020	11.05	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/06/2020	17.00	24/06/2020	06.01	HT	Over Voltage
Padghe - Kalwa - I	IntraState	15/06/2020	21.16	24/06/2020	11.01	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
Parly(MS)- Nanded ckt II	IntraState	23/06/2020	10.58	24/06/2020	05.58	PO	CT Testing Work.
karad -kolhapur-II	IntraState	23/06/2020	14.44	24/06/2020	09.24	T	Tripped on PDR.
Dhule - Bableshwar - II	IntraState	23/06/2020	17.59	24/06/2020	06.28	HT	Over Voltage
Khadka - Bableshwar	IntraState	24/06/2020	09.13	24/06/2020	17.41	PO	CT Tan D Testing.
Khadka-Aurangabad (Waluj)	IntraState	24/06/2020	19.47		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	24/06/2020	22.05		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/06/2020	22.06		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	25/06/2020	01.16		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 500 MVA ICT-III @ Kalwa	IntraState	19/06/2020	00.41	24/06/2020	11.13	HT	Over Voltage(LV side OFF)
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)
WARDHA WARDHA (PG) (DEOLI)	InterState	24/06/2020	22.23	25/06/2020	00.09	HT	H/T at Wardha PG End Due to Overdraw.
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
Karad(400kv) - Wathar	IntraState	24/06/2020	03.43	24/06/2020	12.00	T	Distance Protection
Ghatghar - Bapgaon	IntraState	24/06/2020	10.04	24/06/2020	18.29	PO	Earthwire Broken Replacement.
PARANDA BARSHI	IntraState	24/06/2020	11.04	24/06/2020	14.22	PO	Replacement of Insulator String of 220kv Barshi-Paranda line.
Miraj - Mhaishal	IntraState	24/06/2020	11.24	24/06/2020	Continued.	PO	Jumper Replacement Work & Quarterly Maintenance Work
Goregaon Versova Line 2	IntraState	24/06/2020	13.43	24/06/2020	17.50	PO	Replacement of Abnormal Polymer Insulators at Location VAB 01 VAB 06
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.
220/132kv 100MVA ICT @ KALWAN (BHENDI)	IntraState	24/06/2020	10.00	24/06/2020	16.34	PO	Diagnostic Testing Work.

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