

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/May/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	68.666	407.663	1) Gujrat	7.117	43.116
2) Hydro	30.310	108.269	2) Madhya Pradesh	14.827	84.370
3) Gas	6.714	40.302	3) Chattisgarh	8.920	51.880
Total MSPGCL	105.690	556.234	4) Maharashtra	141.701	863.621
B) 1) APLM	75.346	423.505	5) Goa (Amona)	-0.550	-1.738
2) JSWEL	16.208	92.730	Total	172.015	1041.249
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.038	139.671
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.057	150.227
5) WPCL	2.693	16.157	c) MSEDCL Bilateral *	58.262	379.652
6) Other IPP	7.310	43.006	Include PX	34.387	240.731
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.038	139.671
C) 1) TPCL Thermal	6.565	38.716	Include PX	17.330	100.094
2) TPCL Hydro	4.970	27.436	Standby	0.000	0.000
3) TPCL Gas	4.403	26.272	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.574	54.615	1) MSEDCL	379.922	2194.946
D) STATE			2) Mumbai Discoms	51.569	297.266
1) Thermal	186.362	1076.392	TOTAL STATE	431.491	2492.212
(A1+C1+C4+(B1-B6))					
2) Hydro	35.280	135.705			
(A2+C2)					
3) Gas	11.117	66.574			
(A3+B7+C3)					
4) Wind	18.979	126.124			
6) SOLAR	7.738	46.168			
TOTAL STATE	259.476	1450.963			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	2747	2804	2844	2921
MSPGCL Hydro	325	1015	1456	1802
MSPGCL Gas	266	275	282	276
MSPGCL Total Generation	3338	4094	4582	4999
Central Sector Receipt	8300	8389	5993	6212
WIND	611	789	1025	833
CPP / IPP Thermal	4276	4287	4256	4152
CPP / IPP Gas	0	0	0	0
SOLAR	1008	867	0	0
Exchange with Mumbai	-1199	-1185	-1011	-1021
MSEDCL DEMAND MET	16334	17241	14845	15175
Load Shedding	0	0	0	0
MSEDCL DEMAND	16334	17241	14845	15175
TPCL GENERATION	511	625	909	749
AEML GENERATION	406	502	375	373
MUMBAI DEMAND	2116	2312	2295	2143
STATE DEMAND MET	18450	19553	17140	17318
STATE DEMAND	18450	19553	17140	17318
Frequency (Hz)	49.98	49.99	50.01	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 16.02 Hrs	49.81 Hz at 12.19 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 06/May/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	0.00	0	0
Unit 10	0.00	0.00	0	0
Total	0.00	0.00		
Bhusawal				
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		
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	5.61	17.99	246	225
Total	5.61	17.99		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	9.46	61.57	460	364
Unit 7	10.34	31.74	448	385
Unit 8	11.11	68.42	490	430
Unit 9	10.47	60.61	450	410
Total	41.36	222.34		
Paras				
Unit 3	0.18	25.07	180	0
Unit 4	6.05	32.94	255	239
Total	6.23	58.01		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.06	9.87	35	0
Unit 3	0.00	9.86	0	0
Unit 4	4.54	25.92	195	180
Unit 5	10.87	63.67	480	420
Total	15.47	109.32		
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	6.71	40.30	297	264
Total	6.71	40.30		
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)	0.23	0.76	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.23	0.76		
Koyna				
Stage 1-2	6.40	30.54	560	45
Stage 4	16.76	46.60	1000	0
Stage 3	4.86	16.36	320	0
Total	28.02	93.50		
Hydro				
KDPH	0.82	4.67	34	34
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	1.57	80	0
RNGR+BHTSA	0.29	1.76	13	12
BHANDARDRA	0.47	2.81	36	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	3.96	28	15
GHATGHAR	0.00	0.00	0	0
Total	2.29	14.77		
Wind				
Total	18.98	126.12	0	0
Total	18.98	126.12		
CPP				
APML(Mus)	75.35	423.50	0	0
JSWEL(Mus)	16.21	92.73	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.69	16.16	0	0
Other(Mus)	7.31	43.01	0	0
Total	101.56	575.40		
SOLAR				
Total	7.74	46.17	0	0
Total	7.74	46.17		
Tata				
Trombay 5	6.56	38.72	345	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	16.81	118	116
Trombay 7B	1.60	9.46	67	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.97	27.44	459	39
Total	15.94	92.42		
AEML				
DTPS U-1&2	9.57	54.62	502	373
Total	9.57	54.62		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	68.67	407.66	MSPGCL Total	105.69	556.23
			MSPGCL Thml+Gas	75.38	447.96	Koyna 1,2 & 4 Total	23.16	77.14
			MSPGCL Hydro	30.31	108.27	State Total	259.48	1450.96

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 06/May/2020

Annexure-2

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	3124	1787	283	5194	869	4142	0	0	6403	6381	-1226	15360	0	15360	2403	17763	50.02
2	2925	1911	295	5131	876	4152	0	0	6294	6742	-1101	15800	0	15800	2261	18061	50.06
3	2921	1802	276	4999	833	4152	0	0	6319	6212	-1021	15175	0	15175	2143	17318	50.05
4	2984	1628	296	4908	936	4154	0	0	6397	6261	-968	15291	0	15291	2046	17337	50.03
5	2987	1424	277	4688	989	4166	0	0	6707	6650	-945	15548	0	15548	1997	17545	50.03
6	2990	1515	289	4794	876	4203	0	0	7365	7279	-925	16227	0	16227	2023	18250	50.02
7	2954	1290	297	4541	679	4195	0	50	8154	7967	-820	16612	0	16612	1929	18541	50.03
8	2889	1246	276	4411	528	4206	0	252	7732	7626	-875	16148	0	16148	1902	18050	49.99
9	2809	1080	293	4182	522	4235	0	524	7489	7576	-1076	15963	0	15963	1945	17908	49.98
10	2794	985	272	4051	824	4226	0	790	7507	7408	-1140	16159	0	16159	2015	18174	50.00
11	2785	264	279	3328	897	4268	0	946	8057	7871	-1211	16099	0	16099	2077	18176	50.02
12	2747	325	266	3338	611	4276	0	1008	8475	8300	-1199	16334	0	16334	2116	18450	49.98
13	2757	1022	275	4054	512	4275	0	1030	8341	8321	-1168	17024	0	17024	2180	19204	49.95
14	2765	1226	264	4255	523	4274	0	984	8298	8207	-1220	17023	0	17023	2220	19243	49.99
15	2804	1015	275	4094	789	4287	0	867	8391	8389	-1185	17241	0	17241	2312	19553	49.99
16	2823	1041	274	4138	820	4309	0	658	8509	8228	-1152	17001	0	17001	2321	19322	49.99
17	2809	1091	266	4166	887	4248	0	421	8021	7982	-1165	16539	0	16539	2206	18745	50.07
18	2821	1452	278	4551	867	4254	0	187	7075	7049	-1191	15717	0	15717	2063	17780	50.07
19	2838	1214	269	4321	782	4251	0	21	6526	5980	-1125	14230	0	14230	1987	16217	50.05
20	2848	1217	289	4354	746	4243	0	0	6124	6086	-1068	14361	0	14361	2109	16470	49.99
21	2830	1350	273	4453	843	4253	0	0	5771	5933	-987	14495	0	14495	2198	16693	50.00
22	2844	1456	282	4582	1025	4256	0	0	5871	5993	-1011	14845	0	14845	2295	17140	50.01
23	2846	1471	285	4602	923	4263	0	0	6310	6630	-1098	15320	0	15320	2381	17701	50.00
24	2772	1498	285	4555	822	4269	0	0	6640	6944	-1180	15410	0	15410	2440	17850	50.01
MUs	68.67	30.31	6.71	105.69	18.98	101.56	0.00	7.74	172.78	172.02	-26.06	379.92	0.00	379.92	51.57	431.49	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 06/May/2020

Position as on 6.30 Hrs of 07/May/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 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	
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	Parli Unit 7	250	22/03/2020	10.45		Continued.	Zero Schedule. (R S D FROM 10:45 TO 16:00 Hrs.)	
MSPGCL	Bhusawal Unit 4	500	22/03/2020	18.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 5	500	23/03/2020	01.13		Continued.	Zero schedule.	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
MSPGCL	Chandrapur Unit 4	210	26/03/2020	16.06		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 5	500	26/03/2020	20.29		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	10/04/2020	20.30		Continued.	Zero Schedule By MSEDCL	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/May/2020

Position as on 6.30 Hrs of 07/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit-8	660	12/04/2020	00.00		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 9	660	12/04/2020	01.10		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 1	210	22/04/2020	20.45		Continued.	Zero Schedule By MSEDCL	
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	Khaparkheda Unit 2	210	03/05/2020	08.04	06/05/2020	22.12	Zero schedule Given by MSEDCL.	
MSPGCL	Khaparkheda Unit 3	210	03/05/2020	09.34		Continued.	Zero schedule Given by MSEDCL.	
MSPGCL	Paras Unit 3	250	06/05/2020	00.58		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/May/2020

Statement-VII

Position as on 6.30 Hrs of 07/May/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 II	InterState	30/04/2020	17.40		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	24/03/2020	20.20	06/05/2020	21.18	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot
Chandrapur - Parli	IntraState	19/04/2020	02.20		Continued.	T	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Chandrapur-II - Nanded ckt II	IntraState	19/04/2020	02.21		Continued.	T	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Karad - Jaigad - II	IntraState	02/05/2020	19.23	06/05/2020	06.27	HT	Over Voltage
Girwali- Lonikand 2	IntraState	03/05/2020	17.48		Continued.	HT	Controlling loading of Parli Parli (PG) D/C.
Khadka-Aurangabad (Waluj)	IntraState	03/05/2020	18.09	07/05/2020	06.14	HT	Over Voltage
Babhaleshtar - Padghe-I	IntraState	04/05/2020	11.56		Continued.	HT	Over Voltage
Jaigad-New Koyana Ckt-I	IntraState	06/05/2020	10:42	06/05/2020	14:55	PO	Hot line Insulator washing work.
Jaigad-Karad Ckt-I	IntraState	06/05/2020	20.30		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	06/05/2020	21.26		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 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	17/04/2020	13.19		Continued.	PO	Attending Hot Spot
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	19/04/2020	11.55		Continued.	HT	Over Voltage
400/220kv 315 Mva ICT III @Karad	IntraState	06/05/2020	08:41	06/05/2020	13:47	PO	Quarterly & Pre-monsoon maintenance of ICT & Bay.
400/220/33 Kv 315 MVA ICT-3 @Padghe	IntraState	06/05/2020	10:40	06/05/2020	15:07	HT	C-2 Measurement of Bushing Rph HV CT Test and LV side CT Test.
400/220/33 Kv 500 Mva Ict 3 @Dhule	IntraState	06/05/2020	16:50	06/05/2020	21:00	EO	Replacement of R-ph Group 1 Pump.
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
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	Erection of CTT-2 Tower Work For 220Kv Baramati-Lonand & Baramati Jejuri Cables Emanating from 220Kv Baramati S/Stn.
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Hinjewadi2 - Hinjewadi 3 ckt 1	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Sawantwadi-Bidri	IntraState	04/05/2020	20.10		Continued.	HT	Over Voltage
JATH SHEDYAL	IntraState	06/05/2020	07:15	06/05/2020	10:35	PO	Pre-Monsoon maintenance and Diagnostic testing work.
Pophli Pedhmbe Line- 2	IntraState	06/05/2020	08:50	06/05/2020	15:55	PO	R/M Work.
New Koyana - Niwali	IntraState	06/05/2020	09.12	06/05/2020	18.33	PO	Attending Oil Leakage
Talandage(400kv) - Five Star Midc	IntraState	06/05/2020	09:06	06/05/2020	20:05	PO	LA Insulation Measurement work.
Bus A at Padgha	IntraState	06/05/2020	09:07		Continued.	EO	220 KV A-Bus partial outage in upper section to attend Hot-spot on Bus Coupler & to repair all A-Bus Isolator of bay.
Maisal-Jath I	IntraState	06/05/2020	10.45	06/05/2020	12.55	PO	Diagnostic Testing 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 06/May/2020

Statement-VII

Position as on 6.30 Hrs of 07/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Uran - Hoc 1	IntraState	06/05/2020	10.51	06/05/2020	14.25	PO	CT Tan delta work
220 KV ICT Outages/Trippings							
220/110KV, 200MVA T/F-III at Mudshingi	InterState	27/04/2020	17.15		Continued.	HT	Over Voltage
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS
220/33kv 50mva Transformers & Rect Ptr 2 @Vita	IntraState	05/05/2020	17.50		Continued.	T	Caught fire.
220/132 Kv 200 Mva Cgl Ict 1 @Bale (Solapur 2)	IntraState	06/05/2020	09.45	06/05/2020	11.05	PO	Quarterly Maintainance Work

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