

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/May/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.312	1996.642	1) Gujrat	6.937	148.037
2) Hydro	17.903	373.782	2) Madhya Pradesh	10.469	271.766
3) Gas	6.638	151.841	3) Chattisgarh	6.490	178.440
Total MSPGCL	131.853	2522.265	4) Maharashtra	129.155	3110.126
B) 1) APML	64.737	1556.409	5) Goa (Amona)	-0.528	-11.242
2) JSWEL	16.858	370.551	Total	152.523	3697.127
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.412	534.689
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.943	539.768
5) WPCL	2.696	61.379	c) MSEDCL Bilateral *	46.889	1197.728
6) Other IPP	9.233	190.248	Include PX	20.688	635.035
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.412	534.689
C) 1) TPCL Thermal	7.361	159.458	Include PX	16.190	375.669
2) TPCL Hydro	5.171	118.946	Standby	0.000	0.000
3) TPCL Gas	4.386	101.002	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.005	228.753	1) MSEDCL	393.600	8490.907
D) STATE			2) Mumbai Discoms	49.866	1147.920
1) Thermal	219.202	4563.440	TOTAL STATE	443.466	9638.827
(A1+C1+C4+(B1-B6))					
2) Hydro	23.074	492.728			
(A2+C2)					
3) Gas	11.024	252.843			
(A3+B7+C3)					
4) Wind	29.865	463.453			
6) SOLAR	7.778	169.243			
TOTAL STATE	290.943	5941.707			

* 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 16 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4423	4571	4499	4463
MSPGCL Hydro	392	944	820	617
MSPGCL Gas	260	263	280	285
MSPGCL Total Generation	5075	5778	5599	5365
Central Sector Receipt	6755	7874	5303	5823
WIND	1351	853	1550	1377
CPP / IPP Thermal	3871	3856	3873	3891
CPP / IPP Gas	0	0	0	0
SOLAR	1057	693	0	0
Exchange with Mumbai	-1029	-856	-819	-879
MSEDCL DEMAND MET	17080	18198	15506	15577
Load Shedding	0	0	0	0
MSEDCL DEMAND	17080	18198	15506	15577
TPCL GENERATION	581	787	948	779
AEML GENERATION	376	502	503	374
MUMBAI DEMAND	1986	2145	2270	2032
STATE DEMAND MET	19066	20343	17776	17609
STATE DEMAND	19066	20343	17776	17609
Frequency (Hz)	50.02	49.95	49.88	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.02 Hrs	49.74 Hz at 21.32 Hrs	49.99	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 23/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	12.30	106.67	565	460
Unit 10	0.00	0.00	0	0
Total	12.30	106.67		
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	7.59	0	0
Unit 8	0.00	56.42	0	0
Total	0.00	64.01		
Chandrapur				
Unit 3	4.34	48.47	190	163
Unit 4	0.00	33.70	0	0
Unit 5	9.30	102.49	420	340
Unit 6	9.98	224.31	465	365
Unit 7	9.72	143.08	446	355
Unit 8	11.32	253.06	500	360
Unit 9	10.35	237.34	460	390
Total	55.00	1042.45		
Paras				
Unit 3	5.62	109.97	250	192
Unit 4	5.90	117.18	256	210
Total	11.52	227.14		
Khaparkheda				
Unit 1	4.08	48.50	180	160
Unit 2	4.20	82.61	190	105
Unit 3	4.57	77.42	195	186
Unit 4	4.60	98.95	195	182
Unit 5	11.04	248.89	500	445
Total	28.49	556.37		
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	6.64	151.84	292	260
Total	6.64	151.84		
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)	0.46	5.83	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.46	5.83		
Koyna				
Stage 1-2	6.70	115.92	555	45
Stage 4	6.07	143.33	746	0
Stage 3	3.01	57.30	222	0
Total	15.78	316.55		
Hydro				
KDPH	0.72	17.34	30	30
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.13	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	6.46	80	0
RNGR+BHTSA	0.27	6.28	12	11
BHANDARDRA	0.44	10.76	36	11
ELDARY	0.00	3.36	0	0
SMLHY_PTN	0.39	12.90	26	14
GHATGHAR	0.00	0.00	0	0
Total	2.13	57.23		
Wind				
Total	29.86	463.45	0	0
Total	29.86	463.45		
CPP				
APML(Mus)	64.74	1556.41	0	0
JSWEL(Mus)	16.86	370.55	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	61.38	0	0
Other(Mus)	9.23	190.25	0	0
Total	93.52	2178.59		
SOLAR				
Total	7.78	169.24	0	0
Total	7.78	169.24		
Tata				
Trombay 5	7.36	159.46	310	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	64.53	118	116
Trombay 7B	1.58	36.47	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.17	118.95	459	48
Total	16.92	379.41		
AEML				
DTPS U-1&2	11.00	228.75	503	374
Total	11.00	228.75		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	107.31	1996.64	MSPGCL Total	131.85	2522.26
			MSPGCL Thml+Gas	113.95	2148.48	Koyna 1,2 & 4 Total	12.77	259.26
			MSPGCL Hydro	17.90	373.78	State Total	290.94	5941.71

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/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	4709	1181	282	6172	1185	3999	0	0	5950	5761	-1053	16064	0	16064	2404	18468	50.00
2	4671	945	284	5900	1380	3994	0	0	5825	5602	-912	15964	0	15964	2271	18235	50.00
3	4479	455	285	5219	1464	3937	0	0	5932	5778	-878	15520	0	15520	2134	17654	49.96
4	4463	617	285	5365	1377	3891	0	0	5893	5823	-879	15577	0	15577	2032	17609	49.98
5	4596	607	285	5488	1374	3981	0	0	5847	5733	-756	15820	0	15820	1995	17815	49.97
6	4563	842	287	5692	1309	3975	0	0	6478	6429	-876	16529	0	16529	1994	18523	49.96
7	4549	556	286	5391	1174	3928	0	68	7199	6958	-802	16717	0	16717	1899	18616	50.00
8	4529	420	285	5234	1066	3950	0	273	6860	7096	-800	16819	0	16819	1875	18694	50.02
9	4542	341	279	5162	1265	3954	0	549	6620	6555	-818	16667	0	16667	1891	18558	49.99
10	4470	429	266	5165	1274	3866	0	791	6620	6359	-928	16527	0	16527	1935	18462	50.01
11	4057	354	274	4685	1320	3827	0	936	6831	6719	-999	16488	0	16488	1953	18441	50.03
12	4423	392	260	5075	1351	3871	0	1057	7217	6755	-1029	17080	0	17080	1986	19066	50.02
13	4246	266	260	4772	1067	3816	0	1013	7431	7238	-1071	16835	0	16835	2017	18852	50.00
14	4232	857	270	5359	772	3755	0	943	7385	7450	-1059	17220	0	17220	2031	19251	49.97
15	4498	806	260	5564	913	3829	0	827	7747	7670	-973	17830	0	17830	2111	19941	49.96
16	4571	944	263	5778	853	3856	0	693	7977	7874	-856	18198	0	18198	2145	20343	49.95
17	4575	1107	274	5956	831	3843	0	395	7484	7130	-796	17359	0	17359	2070	19429	49.98
18	4507	1365	276	6148	968	3856	0	190	6654	6694	-786	17070	0	17070	1953	19023	50.00
19	4359	682	285	5326	1563	3879	0	43	5671	5683	-928	15566	0	15566	1892	17458	50.01
20	4327	561	270	5158	1570	3864	0	0	5374	5684	-1037	15239	0	15239	1962	17201	50.02
21	4484	384	280	5148	1602	3892	0	0	5279	5168	-840	14970	0	14970	2171	17141	49.96
22	4499	820	280	5599	1550	3873	0	0	5194	5303	-819	15506	0	15506	2270	17776	49.88
23	4461	1427	270	6158	1391	3951	0	0	5321	5377	-963	15914	0	15914	2394	18308	49.98
24	4502	1545	292	6339	1246	3937	0	0	5620	5684	-1085	16121	0	16121	2481	18602	50.01
MUs	107.31	17.90	6.64	131.85	29.86	93.52	0.00	7.78	154.41	152.52	-21.94	393.60	0.00	393.60	49.87	443.47	49.99

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 23/May/2020

Position as on 6.30 Hrs of 24/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 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	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	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.	
MSPGCL	Koradi Unit-8	660	12/04/2020	00.00		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01		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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/May/2020

Position as on 6.30 Hrs of 24/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	16/05/2020	18.00		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 4	210	21/05/2020	09.05	24/05/2020	21.11	Condenser tube leakage.	
MSPGCL	Koyna STG-IV Unit-4	250	23/05/2020	16.51	23/05/2020	17.20	High Vibration	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/May/2020

Statement-VII

Position as on 6.30 Hrs of 24/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	22/05/2020	18.05	23/05/2020	10.37	HT	Over Voltage
Dabhol Nagothane I	InterState	23/05/2020	10.00	23/05/2020	22.58	EO	Tree Cutting work
Dhule Khandwa I	InterState	23/05/2020	10.45	23/05/2020	16.06	PO	Work at Khandwa end
Dhule Sar'Sarovar I	InterState	23/05/2020	17.55		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot(RFC 29.04.2020 Over voltage).
Khadka-Aurangabad (Waluj)	IntraState	20/05/2020	17.49		Continued.	HT	Over Voltage
Koradi-RattanIndia	IntraState	23/05/2020	09.25	23/05/2020	11.18	PO	Distance Relay testing
Karad - Jaigad - II	IntraState	23/05/2020	19.07	24/05/2020	11.17	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/05/2020	19.06		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.)
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	23/05/2020	07.14	23/05/2020	13.20	EO	Premonsoon Maintenance work
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
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
Nanded-Nanded(Waghale) I	IntraState	23/05/2020	05.32	23/05/2020	06.14	T	132KV Narsi Bay C.B.Y Pole Burst
Nanded-Nanded(Waghale) II	IntraState	23/05/2020	05.32	23/05/2020	06.14	T	132KV Narsi Bay C.B.Y Pole Burst
Butibori-Abhijeet	IntraState	23/05/2020	06.20	23/05/2020	14.17	PO	Replacement of Faulty Disc Insulator String
Bhambori Amalner	IntraState	23/05/2020	07.22	23/05/2020	15.42	PO	Replacement of Faulty Disc Insulator String
Dahanu Versova	IntraState	23/05/2020	08.35	23/05/2020	12.37	PO	Connecting DSM energy meters and attending ABT meters communication module problem
Virur - Gadchiroli	IntraState	23/05/2020	09.05	23/05/2020	16.35	PO	Disc and Nut Bolt replacement
Butibori-Indorama	IntraState	23/05/2020	09.21	23/05/2020	15.40	PO	AMR work
Baramati - Kurkumbh	IntraState	23/05/2020	09.25	23/05/2020	17.20	PO	Jumper replacement work
Raymond - Washala	IntraState	23/05/2020	10.00	23/05/2020	14.15	PO	Routine Maintenance Work
Urse - Talegaon (Ambi) Ckt 1	IntraState	23/05/2020	10.08	23/05/2020	16.49	PO	Replacement of Broken String
Boisar II - Tarapur	IntraState	23/05/2020	10.10	23/05/2020	18.29	PO	Stringing of conductor
Chalishaon -Babhaleshwar	IntraState	23/05/2020	10.15	23/05/2020	15.08	EO	Tan Delta test of R&Y Phase CTs
Mururd - Tuljapur	IntraState	23/05/2020	16.40	23/05/2020	18.20	PO	Premonsoon Maint.work
Amalner - Bambhori	IntraState	24/05/2020	07.15	24/05/2020	17.15	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/132 kV 200 MVA ICT- I @ Nanded	IntraState	23/05/2020	05.32	23/05/2020	06.19	T	132KV Narsi Bay C.B.Y Pole Burst
220/132 kV 200 MVA ICT-III @ Nanded	IntraState	23/05/2020	05.32	23/05/2020	06.53	T	132KV Narsi Bay C.B.Y Pole Burst

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 23/May/2020

Statement-VII

Position as on 6.30 Hrs of 24/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Bbl Ict 2 @Waghala Nanded	IntraState	23/05/2020	05.32	23/05/2020	06.30	T	132KV Narsi Bay C.B.Y Pole Burst
220/132 Kv 100 Mva Emco Ict @Shahada	IntraState	23/05/2020	06.25	23/05/2020	12.00	PO	Tan Delta Measurment of CTs
220/132 Kv 200 Mva Bbl Ict 2 @Waghala Nanded	IntraState	23/05/2020	07.55	24/05/2020	21.23	HT	Unbalance current in R phase LV CT
220/132 Kv 100 Mva T&R Ict-2 @Bambhori	IntraState	23/05/2020	08.26	23/05/2020	10.33	PO	Premonsoon Maint.work
220/33kv 100 Mva Transformer 4 @Aarey R/S	IntraState	23/05/2020	09.17	23/05/2020	10.20	PO	Premonsoon Maintenance of Bay equipments
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	23/05/2020	10.00	23/05/2020	16.00	EO	To push up oil in main tank and premonsoon maint. work
220/33kv 125 MVA Transformer 5 @Aarey R/S	IntraState	23/05/2020	10.40	23/05/2020	17.00	PO	Premonsoon Maintenance of Bay equipments
220/33kv 100MVA ICT-II @ Shivajinagar	IntraState	23/05/2020	17.07	23/05/2020	18.36	PO	Premonsoon Maint.work
220/132 KV 200 MVA ICT - 2 @ CHINCHWAD 2	IntraState	24/05/2020	11.50	24/05/2020	22.17	PO	Premonsoon Maintenance work.

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