

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.647	2105.289	1) Gujrat	6.648	154.685
2) Hydro	23.073	396.855	2) Madhya Pradesh	11.279	283.045
3) Gas	6.588	158.429	3) Chattisgarh	6.380	184.820
Total MSPGCL	138.308	2660.573	4) Maharashtra	130.508	3240.634
B) 1) APML	66.292	1622.701	5) Goa (Amona)	-0.528	-11.770
2) JSWEL	17.370	387.921	Total	154.287	3851.414
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.694	558.384
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.970	560.738
5) WPCL	2.692	64.071	c) MSEDCL Bilateral *	47.868	1245.596
6) Other IPP	8.561	198.809	Include PX	20.904	655.938
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.694	558.384
C) 1) TPCL Thermal	7.364	166.822	Include PX	16.007	391.676
2) TPCL Hydro	4.755	123.701	Standby	0.000	0.000
3) TPCL Gas	4.385	105.387	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.039	240.792	1) MSEDCL	397.865	8888.772
D) STATE			2) Mumbai Discoms	49.513	1197.433
1) Thermal	222.965	4786.405	TOTAL STATE	447.378	10086.205
(A1+C1+C4+(B1-B6))					
2) Hydro	27.828	520.556			
(A2+C2)					
3) Gas	10.973	263.816			
(A3+B7+C3)					
4) Wind	23.670	487.123			
6) SOLAR	7.655	176.898			
TOTAL STATE	293.091	6234.798			

* 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	4520	4593	4598	4488
MSPGCL Hydro	674	750	552	1310
MSPGCL Gas	262	273	280	282
MSPGCL Total Generation	5456	5616	5430	6080
Central Sector Receipt	7064	7989	5678	5760
WIND	725	743	1427	1086
CPP / IPP Thermal	3983	3966	3987	3876
CPP / IPP Gas	0	0	0	0
SOLAR	1007	644	0	0
Exchange with Mumbai	-859	-805	-817	-814
MSEDCL DEMAND MET	17376	18153	15705	15988
Load Shedding	0	0	0	0
MSEDCL DEMAND	17376	18153	15705	15988
TPCL GENERATION	552	777	948	763
AEML GENERATION	503	502	502	500
MUMBAI DEMAND	1914	2084	2267	2077
STATE DEMAND MET	19290	20237	17972	18065
STATE DEMAND	19290	20237	17972	18065
Frequency (Hz)	50.00	49.98	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 19.01 Hrs	49.82 Hz at 22.14 Hrs	50	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/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	11.77	118.44	523	450
Unit 10	0.00	0.00	0	0
Total	11.77	118.44		
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	4.45	52.92	187	183
Unit 4	0.08	33.77	41	0
Unit 5	10.58	113.07	450	413
Unit 6	9.92	234.22	445	370
Unit 7	9.87	152.96	447	380
Unit 8	11.36	264.41	485	450
Unit 9	10.37	247.71	460	410
Total	56.62	1099.07		
Paras				
Unit 3	5.66	115.63	256	200
Unit 4	5.80	122.98	253	225
Total	11.46	238.60		
Khaparkheda				
Unit 1	4.04	52.54	175	160
Unit 2	4.42	87.04	185	180
Unit 3	4.59	82.01	195	190
Unit 4	4.36	103.31	195	170
Unit 5	11.37	260.26	490	455
Total	28.80	585.16		
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	6.59	158.43	292	262
Total	6.59	158.43		
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)	0.51	6.34	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.51	6.34		
Koyna				
Stage 1-2	5.88	121.80	550	45
Stage 4	11.63	154.96	903	0
Stage 3	3.44	60.74	320	80
Total	20.95	337.50		
Hydro				
KDPH	0.72	18.06	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.	0.26	6.72	80	0
RNGR+BHTSA	0.46	6.74	35	11
BHANDARDRA	0.27	11.03	12	11
ELDARY	0.00	3.36	0	0
SMLHY_PTN	0.42	13.32	26	15
GHATGHAR	0.00	0.00	0	0
Total	2.12	59.36		
Wind				
Total	23.67	487.12	0	0
Total	23.67	487.12		
CPP				
APML(Mus)	66.29	1622.70	0	0
JSWEL(Mus)	17.37	387.92	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.69	64.07	0	0
Other(Mus)	8.56	198.81	0	0
Total	94.92	2273.50		
SOLAR				
Total	7.66	176.90	0	0
Total	7.66	176.90		
Tata				
Trombay 5	7.36	166.82	309	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	67.34	118	116
Trombay 7B	1.58	38.05	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.76	123.70	459	37
Total	16.50	395.91		
AEML				
DTPS U-1&2	12.04	240.79	503	500
Total	12.04	240.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	108.65	2105.29	MSPGCL Total	138.31	2660.57
			MSPGCL Thml+Gas	115.24	2263.72	Koyna 1,2 & 4 Total	17.51	276.76
			MSPGCL Hydro	23.07	396.86	State Total	293.09	6234.80

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/May/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	4503	1529	280	6312	1183	3847	0	0	5922	5937	-1088	16191	0	16191	2433	18624	49.98
2	4505	1610	270	6385	1293	3872	0	0	5871	5750	-995	16305	0	16305	2310	18615	50.00
3	4511	1333	280	6124	1317	3910	0	0	5913	5631	-908	16074	0	16074	2183	18257	50.00
4	4488	1310	282	6080	1086	3876	0	0	5855	5760	-814	15988	0	15988	2077	18065	49.99
5	4463	1284	280	6027	1037	3885	0	0	5834	6063	-814	16198	0	16198	2013	18211	49.95
6	4445	1724	272	6441	921	3873	0	0	6417	6452	-905	16782	0	16782	2013	18795	50.00
7	4419	1570	292	6281	845	3877	0	59	7204	6774	-846	16990	0	16990	1905	18895	50.00
8	4430	1333	282	6045	713	3901	0	251	6665	6676	-820	16766	0	16766	1865	18631	50.03
9	4474	963	272	5709	691	3954	0	541	6559	6684	-820	16759	0	16759	1867	18626	50.02
10	4508	650	285	5443	712	3972	0	773	6721	6658	-837	16721	0	16721	1885	18606	50.02
11	4497	385	265	5147	805	3963	0	925	6935	6837	-858	16819	0	16819	1895	18714	49.99
12	4520	674	262	5456	725	3983	0	1007	7035	7064	-859	17376	0	17376	1914	19290	50.00
13	4558	828	273	5659	848	3992	0	1003	7161	7050	-903	17649	0	17649	1936	19585	50.01
14	4575	643	263	5481	673	3980	0	968	7321	7274	-926	17450	0	17450	1975	19425	50.02
15	4555	740	262	5557	766	3980	0	830	7674	7722	-866	17989	0	17989	2072	20061	49.99
16	4593	750	273	5616	743	3966	0	644	7895	7989	-805	18153	0	18153	2084	20237	49.98
17	4535	624	263	5422	944	3997	0	414	7586	7536	-741	17572	0	17572	2023	19595	50.00
18	4550	685	285	5520	905	3992	0	193	6691	6486	-774	16322	0	16322	1916	18238	50.01
19	4605	373	268	5246	943	4004	0	46	5751	5806	-837	15208	0	15208	1865	17073	50.03
20	4625	293	278	5196	1195	3983	0	1	5563	5602	-886	15091	0	15091	2003	17094	50.00
21	4607	244	270	5121	1379	4005	0	0	5374	5574	-773	15306	0	15306	2147	17453	49.96
22	4598	552	280	5430	1427	3987	0	0	5146	5678	-817	15705	0	15705	2267	17972	49.98
23	4547	1274	280	6101	1276	4072	0	0	5343	5613	-979	16083	0	16083	2396	18479	49.95
24	4536	1702	271	6509	1243	4044	0	0	5543	5671	-1099	16368	0	16368	2469	18837	49.98
MUs	108.65	23.07	6.59	138.31	23.67	94.91	0.00	7.65	153.98	154.29	-20.97	397.86	0.00	397.86	49.51	447.38	50.00

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/May/2020

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

Position as on 6.30 Hrs of 25/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.	

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

Statement-VII

Position as on 6.30 Hrs of 25/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 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
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.)
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 1	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
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 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 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