

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/May/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.052	2839.953	1) Gujrat	-3.496	-37.643
2) Hydro	29.461	527.600	2) Madhya Pradesh	7.932	241.871
3) Gas	0.000	159.666	3) Chattisgarh	2.520	118.957
Total MSPGCL	162.513	3527.219	4) Maharashtra	142.145	3016.110
B) 1) APLM	29.923	1234.709	5) Goa (Amona)	-1.541	-34.524
2) JSWEL	17.748	431.808	Total	147.560	3304.771
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.479	578.127
4) RPL(AMT)	31.363	678.108	b) Mumbai Drawl	26.025	531.180
5) SWPGPL	6.742	152.949	c) MSEDCL Bilateral *	35.755	785.473
6) Other IPP	10.482	283.762	Include PX	4.581	80.840
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.479	578.127
C) 1) TPCL Thermal	15.079	344.572	Include PX	12.510	249.120
2) TPCL Hydro	2.904	93.896	Standby	0.000	0.000
3) TPCL Gas	0.000	70.751	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.994	226.279	1) MSEDCL	413.749	9740.486
D) STATE			2) Mumbai Discoms	50.002	1266.679
1) Thermal	250.383	6192.140	TOTAL STATE	463.751	11007.165
(A1+C1+C4+(B1-B6))					
2) Hydro	32.365	621.496			
(A2+C2)					
3) Gas	0.000	230.417			
(A3+B7+C3)					
4) Wind	24.408	493.664			
6) SOLAR	9.035	164.676			
TOTAL STATE	316.191	7702.393			

* 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 4 Hrs
MSPGCL Thermal	5489	5477	5556	5428
MSPGCL Hydro	1239	1533	741	1333
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	6728	7010	6297	6761
Central Sector Receipt	6713	7287	5945	5095
WIND	438	410	1212	1422
CPP / IPP Thermal	3882	3904	3973	4108
CPP / IPP Gas	0	0	0	0
SOLAR	1221	991	0	0
Exchange with Mumbai	-1146	-1202	-924	-1110
MSEDCL DEMAND MET	17836	18400	16503	16276
Load Shedding	0	0	0	0
MSEDCL DEMAND	17836	18400	16503	16276
TPCL GENERATION	652	631	1080	634
AEML GENERATION	250	248	250	250
MUMBAI DEMAND	2048	2081	2254	1994
STATE DEMAND MET	19884	20482	18757	18270
STATE DEMAND	19884	20482	18757	18270
Frequency (Hz)	49.93	49.96	50.03	49.88

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 08.51 Hrs	49.79 Hz at 12.17 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/2021

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	11.87	255.90	536	405
Unit 9	11.90	179.67	550	410
Unit 10	10.50	231.40	530	360
Total	34.28	666.98		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	11.94	223.28	500	485
Unit 5	11.72	248.70	495	475
Total	23.66	485.67		
Parli				
Unit 6	0.00	17.62	0	0
Unit 7	0.00	24.02	0	0
Unit 8	0.00	26.80	0	0
Total	0.00	68.44		
Chandrapur				
Unit 3	3.36	61.60	145	131
Unit 4	0.00	0.00	0	0
Unit 5	9.49	162.21	420	330
Unit 6	9.70	210.90	410	390
Unit 7	0.00	0.00	0	0
Unit 8	11.66	200.50	490	480
Unit 9	10.38	191.58	442	423
Total	44.60	826.80		
Paras				
Unit 3	5.13	107.07	238	150
Unit 4	0.00	97.99	0	0
Total	5.13	205.06		
Khaparkheda				
Unit 1	2.59	59.24	115	100
Unit 2	0.00	0.00	0	0
Unit 3	4.28	89.17	190	170
Unit 4	4.27	66.09	190	165
Unit 5	11.05	210.49	475	440
Total	22.20	425.00		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.19	92.81	147	127
Unit 5	0.00	69.21	0	0
Total	3.19	162.02		
Uran				
All Units	0.00	159.67	0	0
Total	0.00	159.67		
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)	0.29	5.32	25	0
Total	0.29	5.32		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.22	112.06	480	35
Stage 4	14.02	197.03	769	32
Stage 3	4.49	68.71	240	80
Total	24.73	377.80		
Hydro				
KDPH	0.34	16.68	14	14
VTRNA	0.81	19.89	60	0
TILLARI	0.52	11.73	58	0
BHIRA T.R.	0.20	5.03	80	0
SMLHY_PTN	2.86	91.59	125	109
GHATGHAR	0.00	4.88	0	0
Total	4.73	149.80		
Wind				
Total	24.41	493.66	0	0
Total	24.41	493.66		
CPP				
APML(Mus)	29.92	1234.71	0	0
JSWEL(Mus)	17.75	431.81	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.36	678.11	0	0
SWPGPL-Mus	6.74	152.95	0	0
Other(Mus)	10.48	283.76	0	0
Total	96.26	2781.34		
SOLAR				
Total	9.04	164.68	0	0
Total	9.04	164.68		
Tata				
Trombay 5	9.72	229.24	475	330
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	44.76	0	0
Trombay 7B	0.00	25.99	0	0
Trombay 8	5.36	115.34	225	221
TATA Hydro	2.90	93.90	381	0
Total	17.98	509.22		
AEMIL				
DTPS U-1&2	5.99	226.28	251	247
Total	5.99	226.28		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.05	2839.95	MSPGCL Total	162.51	3527.22
			MSPGCL Thml+Gas	133.05	2999.62	Koyna 1,2 & 4 Total	20.24	309.09
			MSPGCL Hydro	29.46	527.60	State Total	316.19	7702.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/May/2021

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	5282	1446	0	6728	1851	4178	0	0	5863	5795	-1313	17238	0	17238	2398	19636	50.03
2	5384	1399	0	6783	1736	4124	0	0	5774	5627	-1241	17029	0	17029	2239	19268	50.00
3	5362	1294	0	6656	1648	4178	0	0	5690	5375	-1182	16675	0	16675	2100	18775	49.99
4	5428	1333	0	6761	1422	4108	0	0	5676	5095	-1110	16276	0	16276	1994	18270	49.88
5	5472	1409	0	6881	1573	4134	0	0	5629	5518	-1066	17040	0	17040	1946	18986	49.90
6	5625	1264	0	6889	1436	4108	0	0	6570	6093	-1055	17471	0	17471	1939	19410	49.93
7	5691	1254	0	6945	1265	4064	0	65	6845	6646	-1008	17977	0	17977	1878	19855	49.99
8	5672	1571	0	7243	841	3964	0	281	6415	6243	-982	17590	0	17590	1859	19449	50.09
9	5692	1286	0	6978	679	3954	0	639	6259	6293	-1041	17502	0	17502	1918	19420	50.08
10	5684	1259	0	6943	651	3946	0	931	6530	6309	-1104	17676	0	17676	1983	19660	50.03
11	5626	1139	0	6765	557	3956	0	1106	6851	6559	-1134	17809	0	17809	2030	19839	49.98
12	5489	1239	0	6728	438	3882	0	1221	6965	6713	-1146	17836	0	17836	2048	19884	49.93
13	5486	1500	0	6986	363	3822	0	1243	6897	6517	-1160	17771	0	17771	2051	19822	49.92
14	5502	1446	0	6948	358	3832	0	1152	6813	6725	-1171	17844	0	17844	2048	19892	49.98
15	5477	1533	0	7010	410	3904	0	991	7128	7287	-1202	18400	0	18400	2081	20482	49.96
16	5453	1616	0	7069	474	4025	0	676	7109	6814	-1205	17853	0	17853	2109	19962	49.98
17	5537	1379	0	6916	705	4093	0	491	6737	6708	-1120	17793	0	17793	2061	19854	49.99
18	5599	873	0	6472	940	3981	0	217	6034	6093	-942	16761	0	16761	1994	18755	50.01
19	5643	518	0	6161	1200	3999	0	22	5686	5388	-823	15947	0	15947	1952	17899	50.02
20	5652	534	0	6186	899	3992	0	0	5648	5898	-882	16093	0	16093	2095	18188	50.03
21	5652	894	0	6546	1278	4011	0	0	5732	5393	-916	16312	0	16312	2197	18509	49.98
22	5556	741	0	6297	1212	3973	0	0	6006	5945	-924	16503	0	16503	2254	18757	50.03
23	5577	1129	0	6706	1187	3982	0	0	6186	6563	-1070	17368	0	17368	2355	19723	50.02
24	5511	1405	0	6916	1285	4048	0	0	6165	5963	-1228	16984	0	16984	2473	19457	49.96
MUs	133.05	29.46	0.00	162.51	24.41	96.26	0.00	9.04	151.21	147.56	-26.03	413.75	0.00	413.75	50.00	463.75	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/2021

Position as on 6.30 Hrs of 24/May/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage(converted to Capital overhaul)	
MSPGCL	Koyna Unit 6	80	22/04/2021	12.00		Continued.	UGC Oil Cooler Leakage.(Converted to Capital Overhaul from 08.00Hrs DT.23-4-2021)	25/06/2021
AEML	AEML Unit 1	250	19/05/2021	09.52		Continued.	HP turbine replacement.	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.24.05.21)	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
IPP	JSW (J) U4	300	11/04/2021	03.02	24/05/2021	06.17	NO SCHEDULE.	
MSPGCL	Khaparkhedha Unit 2	210	15/04/2021	16.54		Continued.	Critical coal stock position	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	04/05/2021	20.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	06/05/2021	19.45		Continued.	Zero Schedule	
IPP	Adani U-4	660	16/05/2021	10.01		Continued.	Zero Schedule.	
IPP	Adani U-1	660	16/05/2021	17.57		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 5	108	17/05/2021	11.52		Continued.	Due to jerk	
IPP	Adani U-5	660	17/05/2021	12.05		Continued.	Zero schedule.	
MSPGCL	Nasik Unit 5	210	17/05/2021	12.50		Continued.	Zero schedule.	
MSPGCL	Uran Unit B0	120	17/05/2021	20.15	24/05/2021	16.01	Gas shortage	
MSPGCL	Uran Unit 8	108	17/05/2021	20.15	24/05/2021	07.04	Gas shortage	
MSPGCL	Uran Unit A0	120	17/05/2021	22.59		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/May/2021

Position as on 6.30 Hrs of 24/May/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 6	108	17/05/2021	22.59		Continued.	Gas shortage.	
TPC-G	Trombay 7B	60	17/05/2021	23.29		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	17/05/2021	23.50		Continued.	Gas shortage	
MSPGCL	Paras Unit 4	250	22/05/2021	23.49	24/05/2021	23.38	High Drum Level	
MSPGCL	Koyana Unit 1	70	24/05/2021	09.50		Continued.	Needle Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/May/2021

Statement-VII

Position as on 6.30 Hrs of 24/May/2021

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
Koradi Bhilai	InterState	23/05/2021	07.34	23/05/2021	18.32	PO	For rectification of broken OPGW cable between Location No.571 to 573.
Dhule Khandwa II	InterState	24/05/2021	16.15		Continued.	T	Distance Protection
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Khadka-Aurangabad (Waluj)	IntraState	22/05/2021	07.12	23/05/2021	06.19	PO	Replacement of R Phase Conductor(RFC 17.25Hrs)
Deepnagar - Aurangabad	IntraState	23/05/2021	06.57	23/05/2021	16.50	PO	For replacement of faulty Dead end & Mid Span Joint.
Khadka - Bableshwar	IntraState	24/05/2021	06.32	24/05/2021	18.10	PO	For Replacement Of Y-Phase Conductor Of 400KV Deep-Walunj CKT(LOC NO. 44-45)At The Crossing Point Of 400KV KDK-BBLR CKT.
Deepnagar - Aurangabad	IntraState	24/05/2021	06.41	24/05/2021	16.19	PO	Replacement Of Faulty Dead End & Mid Span Joint.
Padghe - Nagothane - I	IntraState	24/05/2021	08.54	24/05/2021	17.09	PO	String Replacement Work At Loc No.105.
Main Bus-I @ Koradi III	IntraState	24/05/2021	11.19	24/05/2021	17.54	PO	Annual Maintenance Work
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.(FTC DT 16/08/2021 At 14.42)
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	23/05/2021	00.19	24/05/2021	18.51	EO	TO attend the red hot 29 A R PH Hanger.
400/220 kV 500MVA ICT-I @ Alkud	IntraState	24/05/2021	11.45	24/05/2021	16.00	T	R-Phase OSR Tripped.
400/220 KV 300 MVA ICT- I @Koradi	IntraState	24/05/2021	12.42		Continued.	PO	For Checking SF6 Gas Leakage From R-Phase CB Pole. ICT 1 CB Is To Be Shifted On TBC.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Temghar - Kalwa	IntraState	22/05/2021	22.51	23/05/2021	04.47	PO	Breaker Problem
Kamba - Kolshet	IntraState	23/05/2021	14.10	23/05/2021	18.17	EO	To remove pilot wire and earth wire emergency outage is required on 220 kv Kamba-kolshet and 100 kv Kharbao -kolshet line.
Ghodbunder - Gorai	IntraState	24/05/2021	10.12	24/05/2021	14.42	PO	Replacement Of Defected Polymer Insulator At Tower No. LS 303 & LS 303A As Per Defect Report Submitted By Olectra.
Kandalgaon - Koyna (Pophali)	IntraState	24/05/2021	10.40	24/05/2021	18.22	PO	Jumper Nut Bolt Tightening & Insulator String Replacement.
Kamba - Kolshet	IntraState	24/05/2021	12.25	24/05/2021	14.05	PO	Online Stringing Of OPGW able On 220KV Kamba Kolshet Line.
Kharghar-Borivali ckt II	IntraState	24/05/2021	12.40	24/05/2021	21.14	PO	Retrofitting Work Of Earth Isolator And R&M Work.
Sadawaghapur Karad Ckt 2	IntraState	24/05/2021	12.58	24/05/2021	16.15	PO	Replacement Of Jumps At Loc No.03.
Ghodbunder - Versova	IntraState	24/05/2021	14.49	24/05/2021	17.08	PO	Replacement Of Defected Polymer Insulator At Tower No.LS 307 As Per Defect Report Submitted By Olectra.
Dondaicha- Shahada	IntraState	24/05/2021	16.12		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV 150MVA ICT I @ Boisar	IntraState	17/05/2021	11.19		Continued.	T	ICT Failed due to internal fault.

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/2021

Statement-VII

Position as on 6.30 Hrs of 24/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	23/05/2021	09.18	23/05/2021	19.25	EO	To attend Oil Leakage.
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	24/05/2021	08.09	24/05/2021	20.04	PO	Attending Oil Leakage
220/33kv 125 MVA T/F-I @ Goregaon	IntraState	24/05/2021	11.42	24/05/2021	13.22	PO	Pre-Monsoon Maintenance Of Transformer.
220/100 Kv 200MVA ICT-I @Padghe	IntraState	24/05/2021	13.06	24/05/2021	14.18	T	Differential protection
220/110 Kv 100 Mva Ptr 3 @Niwaliphata	IntraState	24/05/2021	14.49	24/05/2021	17.42	PO	Plastic Paper Wrapping To Auxiliaries & Protection.