

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/May/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.665	3751.934	1) Gujrat	3.527	-45.723
2) Hydro	13.060	679.910	2) Madhya Pradesh	11.060	293.074
3) Gas	3.280	181.358	3) Chattisgarh	5.000	155.277
Total MSPGCL	146.005	4613.202	4) Maharashtra	150.203	4098.377
B) 1) APML	29.971	1446.297	5) Goa (Amona)	-0.115	-43.324
2) JSWEL	16.248	529.840	Total	169.675	4457.681
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.456	801.951
4) RPL(AMT)	31.019	897.013	b) Mumbai Drawl	27.817	733.806
5) SWPGPL	7.602	210.845	c) MSEDCL Bilateral *	49.991	1106.278
6) Other IPP	8.491	350.262	Include PX	16.523	166.299
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.456	801.889
C) 1) TPCL Thermal	15.000	454.640	Include PX	15.580	362.048
2) TPCL Hydro	2.815	130.951	Standby	0.000	0.063
3) TPCL Gas	1.417	72.168	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.939	268.292	1) MSEDCL	398.990	12726.472
D) STATE			2) Mumbai Discoms	52.988	1659.858
1) Thermal	243.935	7909.123	TOTAL STATE	451.978	14386.330
(A1+C1+C4+(B1-B6))					
2) Hydro	15.875	810.861			
(A2+C2)					
3) Gas	4.697	253.526			
(A3+B7+C3)					
4) Wind	11.111	740.998			
6) SOLAR	6.685	214.140			
TOTAL STATE	282.303	9928.648			

* 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	5095	5524	5565	5695
MSPGCL Hydro	231	294	328	674
MSPGCL Gas	110	141	163	130
MSPGCL Total Generation	5436	5959	6056	6499
Central Sector Receipt	8075	7877	6273	6452
WIND	145	620	988	239
CPP / IPP Thermal	3821	3901	4100	3919
CPP / IPP Gas	0	0	0	0
SOLAR	899	761	0	0
Exchange with Mumbai	-1178	-1248	-1091	-1260
MSEDCL DEMAND MET	17198	17870	16326	15849
Load Shedding	0	0	0	0
MSEDCL DEMAND	17198	17870	16326	15849
TPCL GENERATION	691	765	1060	624
AEML GENERATION	249	250	251	250
MUMBAI DEMAND	2118	2263	2402	2134
STATE DEMAND MET	19316	20133	18728	17983
STATE DEMAND	19316	20133	18728	17983
Frequency (Hz)	49.98	50.00	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 17.33 Hrs	49.8 Hz at 22.18 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 30/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	0.00	269.56	0	0
Unit 9	13.14	267.34	620	470
Unit 10	11.07	306.35	500	415
Total	24.21	843.26		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	10.34	302.78	500	280
Unit 5	10.16	326.45	495	285
Total	20.49	642.92		
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	3.23	85.56	145	105
Unit 4	0.00	2.35	0	0
Unit 5	9.75	231.47	420	300
Unit 6	9.56	275.61	420	285
Unit 7	0.00	0.00	0	0
Unit 8	11.65	280.77	492	480
Unit 9	10.49	263.98	458	419
Total	44.69	1139.74		
Paras				
Unit 3	4.75	142.09	232	160
Unit 4	4.85	127.14	253	155
Total	9.60	269.24		
Khaparkheda				
Unit 1	3.05	79.67	150	105
Unit 2	3.89	12.02	175	115
Unit 3	4.24	118.98	195	135
Unit 4	4.18	95.97	195	130
Unit 5	11.42	292.13	500	445
Total	26.79	598.77		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.90	120.37	200	127
Unit 5	0.00	69.21	0	0
Total	3.90	189.58		
Uran				
All Units	3.28	181.36	175	109
Total	3.28	181.36		
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)	0.21	7.53	23	0
Total	0.21	7.53		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.24	142.44	430	35
Stage 4	3.40	263.81	1000	0
Stage 3	1.75	90.36	160	0
Total	8.38	496.62		
Hydro				
KDPH	0.34	19.04	14	14
VTRNA	0.98	25.61	60	0
TILLARI	0.00	13.99	0	0
BHIRA T.R.	0.34	7.05	40	0
SMLHY_PTN	3.02	110.00	132	117
GHATGHAR	0.00	7.60	0	0
Total	4.68	183.29		
Wind				
Total	11.11	741.00	0	0
Total	11.11	741.00		
CPP				
APML(Mus)	29.97	1446.30	0	0
JSWEL(Mus)	16.25	529.84	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.02	897.01	0	0
SWPGPL-Mus	7.60	210.84	0	0
Other(Mus)	8.49	350.26	0	0
Total	93.33	3434.26		
SOLAR				
Total	6.68	214.14	0	0
Total	6.68	214.14		
Tata				
Trombay 5	9.69	301.67	459	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.12	45.88	117	0
Trombay 7B	0.30	26.29	66	0
Trombay 8	5.31	152.97	228	171
TATA Hydro	2.82	130.95	355	0
Total	19.23	657.76		
AEMIL				
DTPS U-1&2	5.94	268.29	251	206
Total	5.94	268.29		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.66	3751.93	MSPGCL Total	146.00	4613.20
			MSPGCL Thml+Gas	132.94	3933.29	Koyna 1,2 & 4 Total	6.63	406.26
			MSPGCL Hydro	13.06	679.91	State Total	282.30	9928.65

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	5765	855	120	6740	381	3916	0	0	6614	6632	-1347	16322	0	16322	2591	18913	50.03
2	5777	840	130	6747	300	3874	0	0	6500	6540	-1317	16144	0	16144	2415	18560	50.03
3	5749	731	119	6599	283	3896	0	0	6504	6595	-1304	16069	0	16069	2258	18327	50.02
4	5695	674	130	6499	239	3919	0	0	6428	6452	-1260	15849	0	15849	2134	17983	49.99
5	5648	643	119	6410	239	3887	0	0	6537	6533	-1156	15913	0	15913	2093	18006	49.99
6	5695	484	130	6309	344	3893	0	0	7256	7059	-1127	16478	0	16478	2064	18542	50.03
7	5706	373	120	6199	384	3881	0	51	7574	7493	-1038	16970	0	16970	1986	18956	50.06
8	5507	260	119	5886	312	3775	0	204	7863	7640	-1180	16637	0	16637	1949	18586	50.06
9	5500	194	112	5806	180	3735	0	410	7625	7679	-1222	16588	0	16588	1992	18580	50.02
10	5556	220	109	5885	104	3870	0	695	7298	7480	-1153	16880	0	16880	2063	18944	49.99
11	5435	217	110	5762	109	3873	0	871	7834	7726	-1228	17113	0	17113	2094	19207	50.04
12	5095	231	110	5436	145	3821	0	899	8206	8075	-1178	17198	0	17198	2118	19316	49.98
13	4991	271	132	5394	157	3827	0	918	8190	8366	-1236	17426	0	17426	2143	19569	50.00
14	5064	390	142	5596	330	3863	0	894	8014	8203	-1206	17680	0	17680	2187	19867	50.02
15	5524	294	141	5959	620	3901	0	761	8354	7877	-1248	17870	0	17870	2263	20133	50.00
16	5023	339	142	5504	600	3754	0	515	8460	7726	-1198	16901	0	16901	2297	19198	50.03
17	4584	460	153	5197	488	3676	0	323	7873	8075	-1084	16674	0	16674	2212	18886	50.05
18	5016	712	150	5878	498	3896	0	119	6251	6609	-914	16086	0	16086	2103	18188	50.10
19	5248	713	162	6123	674	3955	0	25	5880	5976	-798	15955	0	15955	2046	18001	50.01
20	5609	411	162	6182	801	4086	0	0	6047	6083	-898	16254	0	16254	2175	18429	49.93
21	5571	395	164	6130	1027	4113	0	0	6289	5848	-1058	16060	0	16060	2320	18380	49.98
22	5565	328	163	6056	988	4100	0	0	6283	6273	-1091	16326	0	16326	2402	18728	50.00
23	5165	1242	175	6582	1048	3900	0	0	6311	6613	-1279	16864	0	16864	2503	19367	49.91
24	5177	1783	166	7126	860	3919	0	0	6194	6122	-1297	16730	0	16730	2580	19310	49.96
MUs	129.66	13.06	3.28	146.00	11.11	93.33	0.00	6.69	170.38	169.67	-27.82	398.99	0.00	398.99	52.99	451.98	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 30/May/2021

Position as on 6.30 Hrs of 31/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	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	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
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	Bhusawal Unit 3	210	04/05/2021	20.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
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	30/05/2021	17.34	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 A0	120	17/05/2021	22.59	31/05/2021	07.12	Gas shortage	
MSPGCL	Uran Unit 6	108	17/05/2021	22.59		Continued.	Gas shortage.	
TPC-G	Trombay 7B	60	17/05/2021	23.29	30/05/2021	19.01	Gas shortage	
TPC-G	Trombay 7A	120	17/05/2021	23.50	30/05/2021	13.36	Gas shortage	
MSPGCL	Koradi Unit-8	660	25/05/2021	03.52		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U1	300	25/05/2021	09.41	30/05/2021	07.40	CW DUCT Water Leakage.	
MSPGCL	Chandrapur Unit 4	210	28/05/2021	19.33	31/05/2021	15.27	PA Fan problem	
IPP	JSW (J) U4	300	29/05/2021	08.06	31/05/2021	10.27	CW DUCT Water Leakage.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/May/2021

Position as on 6.30 Hrs of 31/May/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 9	660	31/05/2021	21.59		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/May/2021

Statement-VII

Position as on 6.30 Hrs of 31/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
Dhule Sar'Sarovar II	InterState	30/05/2021	09.39	30/05/2021	18.11	PO	Replacement of faulty insulator & earth wire.
Alkud-Solapur(PG)	InterState	30/05/2021	14.09	30/05/2021	23.42	T	Distance Protection
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Girwali- Lonikand 2	IntraState	30/05/2021	09.43	30/05/2021	21.09	PO	Chemical cleaning work.
BABHALESHWAR - RPL(NASHIK) CKT - 2	IntraState	30/05/2021	16.08	30/05/2021	16.24	T	Distance Protection
BABHALESHWAR - RPL(NASHIK) CKT - 2	IntraState	30/05/2021	17.20	30/05/2021	21.20	T	Distance Protection
Bhusawal-Aurangabad	IntraState	31/05/2021	21.12		Continued.	HT	Over Voltage
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)
400/220 KV 315MVA ICT II @ Parali (Girwali)	IntraState	28/05/2021	13.38	30/05/2021	21.53	EO	Attending Hot Spot
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	30/05/2021	09.23	30/05/2021	12.08	PO	Pre-monsoon maintenance work & plastic paper wrapping work.
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	31/05/2021	10.50	31/05/2021	16.42	PO	Pre-Monsoon, Routine Maintenance & testing Work.
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)
Deepnagar Bambhori	IntraState	30/05/2021	03.33	30/05/2021	11.46	T	Distance Protection
MSETCL Borivli Aarey 1	IntraState	30/05/2021	08.08	30/05/2021	20.47	PO	Attending OFC/DTS unhealthy core rectification along the cable route and also attending sheath fault between section JC-14 to JC -16.
MSETCL Borivli Aarey 2	IntraState	30/05/2021	08.26	30/05/2021	21.17	PO	Attending OFC/DTS unhealthy core rectification along the cable route also attending sheath fault between section JC-14 to JC-16.
Uran - Kharghar I	IntraState	30/05/2021	08.55		Continued.	PO	Tower erection at proposed Ulwe GIS from 30.05.2021 to 01.06.2021.
Mahape - TIFIL	IntraState	30/05/2021	09.36	30/05/2021	12.15	PO	At TIFIL S/stn:- To replace R-PH surge arrester having high LCM value.
Padghe - Nalasopara	IntraState	30/05/2021	10.13	30/05/2021	12.46	PO	For checking current in CT to commission new 220kv Bus Bar.
Amalner-Bambhori	IntraState	30/05/2021	17.48	30/05/2021	19.28	T	Distance Protection
Koradi-Butibori Rly Tss	IntraState	30/05/2021	18.35	30/05/2021	19.49	T	Distance Protection
Butibori-Abhijeet	IntraState	31/05/2021	09.32	31/05/2021	13.34	PO	CB CRM And Timing & CT Tan Delta Measurement At ButiBori End.
IPCL - SPCL	IntraState	31/05/2021	09.50	31/05/2021	16.40	PO	Faulty Disk Replacement Work At LOC No.65& 68.
Jejuri- Ismt- Lonand	IntraState	31/05/2021	12.32	31/05/2021	12.57	T	Distance Protection
Kandalgaon - Sona Alloys	IntraState	31/05/2021	12.40		Continued.	T	Y-Phase Conductor Snapped At Loc 138 & 139.
Yeotmal- Pusad	IntraState	31/05/2021	14.01	31/05/2021	15.03	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	31/05/2021	15.15	31/05/2021	18.08	PO	Line Maintenance work
Adlabs - Pedambe	IntraState	31/05/2021	16.15	31/05/2021	17.20	T	Tripped Due To Rain/Lightening.
220 KV ICT Outages/Trippings							

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 30/May/2021

Statement-VII

Position as on 6.30 Hrs of 31/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 KV 150MVA ICT I @ Boisar	IntraState	17/05/2021	11.19		Continued.	T	ICT Failed due to internal fault.
220/132 Kv 100 Mva Emco Ict @Shahada	IntraState	31/05/2021	04.30	31/05/2021	11.57	T	Distance Protection
220/33kv 100 Mva Transformer 3 @Ghodbunder R/S	IntraState	31/05/2021	09.10	31/05/2021	10.33	PO	Covering Of CB Mechanism Box By Tarpaulin For Pre-monsoon.
220/33kv 100 MVA Transformer 1 @Ghodbunder R/S	IntraState	31/05/2021	11.00	31/05/2021	12.44	PO	Covering Of CB Mechanism Box By Tarpaulin For Pre-monsoon.
220/33-22 Kv 50 Mva Bhel Ptr 3 @Nerul	IntraState	31/05/2021	11.06	31/05/2021	14.14	PO	Pre-Monsoon Maintenance Work.
220/33kv 100 MVA Transformer 2 @Ghodbunder R/S	IntraState	31/05/2021	15.09	31/05/2021	16.43	PO	Covering Of CB Mechanism Box By Tarpaulin For Pre-monsoon.
220/100 Kv 200MVA ICT-I @Padghe	IntraState	31/05/2021	15.41	31/05/2021	15.54	PO	Removing Bird Nest.
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	31/05/2021	20.56	31/05/2021	21.07	HT	To Check Tripped CKT Faulty.

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