

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/May/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.924	3875.858	1) Gujrat	2.275	-43.448
2) Hydro	32.004	711.914	2) Madhya Pradesh	9.927	303.001
3) Gas	6.063	187.421	3) Chattisgarh	4.910	160.187
Total MSPGCL	161.991	4775.193	4) Maharashtra	142.497	4240.874
B) 1) APML	30.384	1476.681	5) Goa (Amona)	-1.228	-44.552
2) JSWEL	20.924	550.764	Total	158.381	4616.062
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.912	833.863
4) RPL(AMT)	28.990	926.003	b) Mumbai Drawl	27.715	761.521
5) SWPGPL	6.687	217.532	c) MSEDCL Bilateral *	36.729	1143.007
6) Other IPP	8.278	358.540	Include PX	3.978	170.277
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.912	833.801
C) 1) TPCL Thermal	15.219	469.859	Include PX	19.606	381.654
2) TPCL Hydro	4.474	135.425	Standby	0.000	0.063
3) TPCL Gas	4.067	76.235	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.003	274.295	1) MSEDCL	412.359	13138.831
D) STATE			2) Mumbai Discoms	57.478	1717.336
1) Thermal	240.409	8149.532	TOTAL STATE	469.837	14856.167
(A1+C1+C4+(B1-B6))					
2) Hydro	36.478	847.339			
(A2+C2)					
3) Gas	10.130	263.656			
(A3+B7+C3)					
4) Wind	18.126	759.124			
6) SOLAR	6.313	220.453			
TOTAL STATE	311.456	10240.104			

* 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 13 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5445	5449	4985	5587
MSPGCL Hydro	1157	1066	1842	1221
MSPGCL Gas	268	266	276	214
MSPGCL Total Generation	6870	6781	7103	7022
Central Sector Receipt	7755	7442	5731	5651
WIND	299	317	622	939
CPP / IPP Thermal	4107	4094	4098	4080
CPP / IPP Gas	0	0	0	0
SOLAR	919	907	0	0
Exchange with Mumbai	-1401	-1372	-1055	-1004
MSEDCL DEMAND MET	18549	18169	16499	16688
Load Shedding	0	0	0	0
MSEDCL DEMAND	18549	18169	16499	16688
TPCL GENERATION	990	998	1107	842
AEML GENERATION	249	251	250	250
MUMBAI DEMAND	2640	2621	2412	2096
STATE DEMAND MET	21189	20790	18911	18784
STATE DEMAND	21189	20790	18911	18784
Frequency (Hz)	49.99	50.01	50.05	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.02 Hrs	49.85 Hz at 14.13 Hrs	50.02	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 31/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	11.78	279.12	620	0
Unit 10	10.45	316.80	482	370
Total	22.22	865.48		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	10.00	312.78	500	280
Unit 5	9.47	335.92	475	285
Total	19.46	662.38		
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	3.46	89.03	152	126
Unit 4	0.96	3.32	150	0
Unit 5	9.16	240.62	425	280
Unit 6	9.07	284.68	420	285
Unit 7	0.00	0.00	0	0
Unit 8	10.95	291.72	490	280
Unit 9	9.88	273.85	453	285
Total	43.48	1183.22		
Paras				
Unit 3	4.89	146.98	239	163
Unit 4	4.95	132.09	251	159
Total	9.83	279.07		
Khaparkheda				
Unit 1	2.68	82.35	145	75
Unit 2	3.71	15.72	180	115
Unit 3	4.04	123.02	185	135
Unit 4	3.89	99.86	190	131
Unit 5	11.10	303.23	500	330
Total	25.42	624.18		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.50	123.87	198	122
Unit 5	0.00	69.21	0	0
Total	3.50	193.08		
Uran				
All Units	6.06	187.42	285	165
Total	6.06	187.42		
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)	0.37	7.90	25	0
Total	0.37	7.90		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.24	146.68	445	35
Stage 4	16.70	280.51	1003	0
Stage 3	4.54	94.90	240	136
Total	25.48	522.10		
Hydro				
KDPH	0.34	19.37	14	14
VTRNA	0.80	26.41	60	0
TILLARI	0.58	14.57	58	0
BHIRA T.R.	0.24	7.29	40	0
SMLHY_PTN	3.60	113.60	184	122
GHATGHAR	0.96	8.57	250	0
Total	6.52	189.82		
Wind				
Total	18.13	759.12	0	0
Total	18.13	759.12		
CPP				
APML(Mus)	30.38	1476.68	0	0
JSWEL(Mus)	20.92	550.76	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	28.99	926.00	0	0
SWPGPL-Mus	6.69	217.53	0	0
Other(Mus)	8.28	358.54	0	0
Total	95.26	3529.52		
SOLAR				
Total	6.31	220.45	0	0
Total	6.31	220.45		
Tata				
Trombay 5	9.82	311.49	447	374
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	48.42	117	100
Trombay 7B	1.52	27.81	67	61
Trombay 8	5.40	158.37	228	218
TATA Hydro	4.47	135.42	389	18
Total	23.76	681.52		
AEML				
DTPS U-1&2	6.00	274.30	251	249
Total	6.00	274.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.92	3875.86	MSPGCL Total	161.99	4775.19
			MSPGCL Thml+Gas	129.99	4063.28	Koyna 1,2 & 4 Total	20.94	427.20
			MSPGCL Hydro	32.00	711.91	State Total	311.46	10240.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/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	5465	1364	165	6994	1116	4073	0	0	6207	6018	-1295	16906	0	16906	2522	19428	50.02
2	5529	1143	166	6838	1069	4087	0	0	6175	5887	-1168	16713	0	16713	2354	19067	50.00
3	5555	1322	178	7055	1007	4085	0	0	5849	5731	-1062	16816	0	16816	2199	19015	49.99
4	5587	1221	214	7022	939	4080	0	0	5780	5651	-1004	16688	0	16688	2096	18784	50.01
5	5676	1172	222	7070	797	4083	0	0	5850	5760	-928	16782	0	16782	2043	18825	50.01
6	5691	1152	223	7066	690	4043	0	0	6540	6697	-982	17514	0	17514	2035	19549	50.04
7	5755	1302	232	7289	486	4131	0	54	7113	6988	-901	18047	0	18047	1971	20018	50.03
8	5462	1225	260	6947	526	4042	0	227	6967	7201	-931	18012	0	18012	2053	20064	50.07
9	5196	1429	273	6898	378	4026	0	476	6673	7032	-1126	17684	0	17684	2256	19940	50.03
10	5477	1747	271	7495	303	4123	0	681	6810	6845	-1302	18145	0	18145	2499	20644	50.01
11	5533	1184	281	6998	265	4111	0	842	7483	7278	-1419	18075	0	18075	2651	20726	50.01
12	5445	1157	268	6870	299	4107	0	919	7699	7755	-1401	18549	0	18549	2640	21189	49.99
13	5449	1066	266	6781	317	4094	0	907	7823	7442	-1372	18169	0	18169	2621	20790	50.01
14	5242	859	267	6368	511	4031	0	737	7832	7831	-1373	18105	0	18105	2613	20718	50.03
15	4772	1292	280	6344	681	3853	0	611	7665	7960	-1411	18038	0	18038	2717	20755	49.96
16	4578	1616	281	6475	848	3558	0	427	7770	7353	-1399	17262	0	17262	2671	19933	50.02
17	4114	1937	273	6324	1282	3442	0	270	6914	7001	-1263	17056	0	17056	2569	19624	50.04
18	3952	2127	275	6354	1569	3458	0	136	5941	5787	-1082	16222	0	16222	2435	18657	50.02
19	4206	1760	274	6240	1309	3460	0	26	5568	5651	-972	15714	0	15714	2315	18029	50.00
20	4743	1462	284	6489	957	3759	0	0	5815	6011	-1019	16197	0	16197	2357	18554	50.00
21	5347	1238	275	6860	709	4019	0	0	6003	5552	-1052	16088	0	16088	2361	18449	50.04
22	4985	1842	276	7103	622	4098	0	0	5829	5731	-1055	16499	0	16499	2412	18911	50.05
23	5063	971	285	6319	724	4278	0	0	6079	6535	-1061	16795	0	16795	2496	19291	50.02
24	5102	416	274	5792	722	4224	0	0	6833	6684	-1137	16285	0	16285	2592	18877	50.03
MUs	123.92	32.00	6.06	161.99	18.13	95.26	0.00	6.31	159.22	158.38	-27.71	412.36	0.00	412.36	57.48	469.84	50.02

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 31/May/2021

Position as on 6.30 Hrs of 01/Jun/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.	
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.	
MSPGCL	Koradi Unit-8	660	25/05/2021	03.52		Continued.	Boiler Tube 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.	
MSPGCL	Koradi Unit 9	660	31/05/2021	21.59		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	01/06/2021	05.21		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	01/06/2021	23.57		Continued.	Boiler Validity Renevoation	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/May/2021

Statement-VII

Position as on 6.30 Hrs of 01/Jun/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
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Bhusawal-Aurangabad	IntraState	31/05/2021	21.12	01/06/2021	09.32	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/06/2021	20.01		Continued.	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	01/06/2021	20.52	01/06/2021	23.38	T	Rain at Waluj.
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)
400/220/33 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.
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	01/06/2021	07.58	01/06/2021	13.40	PO	For premonsoon maintenance work.
400/220/33 Kv 500 MVA ICT-III @Parali (Girwali)	IntraState	01/06/2021	10.01	01/06/2021	17.10	PO	Pre- monsoon Maintenance Viz. covering of Buchholz PRV and Bay Maintenance.
400/220KV 315MVA ICT-II @Akola (M)	IntraState	01/06/2021	10.07	01/06/2021	17.17	PO	Pre-monsoon, routine maint & 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)
PARLY (PG) - OLD GCR PARLI	InterState	01/06/2021	15.43	01/06/2021	18.58	T	Distance Protection
Mahalakshmi Amona	InterState	01/06/2021	16.09	01/06/2021	18.40	T	Distance Protection
PARLY (PG) - OSMANABAD	InterState	01/06/2021	20.15	01/06/2021	21.04	T	Tripped due to lbb operated 33 kv fault 220 kv osmanabad bus-bar operated.
Uran - Kharghar I	IntraState	30/05/2021	08.55	01/06/2021	21.52	PO	Tower erection at proposed Ulwe GIS from 30.05.2021 to 01.06.2021.
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	01/06/2021	12.32	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.
BOISAR BORIVALI	IntraState	01/06/2021	10.19	01/06/2021	21.28	PO	Retrofitting work of Earth Isolator.
Mururd - Tuljapur	IntraState	01/06/2021	10.29	01/06/2021	13.15	PO	Line Maintenance work
Pargaon(Kathapur)-Lonikand	IntraState	01/06/2021	11.43	01/06/2021	15.41	EO	Work of attending re strining of earth wire at Loc No 68 to 69 in view of tripping on dtd. 29.05.2021.
Ranjangaon-Lonikand	IntraState	01/06/2021	11.52	01/06/2021	15.28	EO	Work of attending re strining of earth wire at Loc No 68 to 69 for 220Kv kathapur Lonikand II line in view of tripping on dtd. 29.05.2021.
Karad - Vita Ckt- I	IntraState	01/06/2021	13.35	01/06/2021	19.22	PO	Relay testing for Auto Reclose work and CB maintenance work.
Ghatghar - Jindal	IntraState	01/06/2021	17.18	01/06/2021	18.39	T	Distance Protection
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	01/06/2021	17.19	01/06/2021	17.54	T	Distance Protection
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 31/May/2021

Statement-VII

Position as on 6.30 Hrs of 01/Jun/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.
220/132 Kv 200 Mva Vijay Ict 1 @Chalisgaon	IntraState	01/06/2021	08.21	01/06/2021	10.17	PO	Premonsoon maintenance work.
220/132 Kv 200 Mva Vijay Ict 2 @Chalisgaon	IntraState	01/06/2021	10.01	01/06/2021	11.40	PO	Premonsoon and testing work.
220/132kv 100MVA ICT I @Satara Midc	IntraState	01/06/2021	11.01	01/06/2021	16.35	PO	Quarterly maintenance & Tan delta testing work.

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