

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	71.051	3017.026	1) Gujrat	-2.678	-197.434
2) Hydro	10.952	384.152	2) Madhya Pradesh	9.339	190.509
3) Gas	6.301	151.271	3) Chattisgarh	5.630	134.140
Total MSPGCL	88.304	3552.449	4) Maharashtra	117.831	4173.239
B) 1) APML	58.822	1936.643	5) Goa (Amona)	-1.673	-30.958
2) JSWEL	21.030	575.964	Total	128.449	4269.496
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.917	876.351
4) RPL(AMT)	19.172	669.951	b) Mumbai Drawl	29.563	906.768
5) SWPGPL	2.706	143.032	c) MSEDCL Bilateral *	33.213	1021.218
6) Other IPP	5.223	199.944	Include PX	6.455	152.846
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.917	873.595
C) 1) TPCL Thermal	9.965	343.068	Include PX	11.492	403.934
2) TPCL Hydro	4.048	143.533	Standby	0.000	2.756
3) TPCL Gas	2.635	78.113	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.091	212.196	1) MSEDCL	362.499	11862.638
D) STATE			2) Mumbai Discoms	53.302	1683.678
1) Thermal	195.060	7097.824	TOTAL STATE	415.801	13546.316
(A1+C1+C4+(B1-B6))					
2) Hydro	15.000	527.685			
(A2+C2)					
3) Gas	8.936	229.384			
(A3+B7+C3)					
4) Wind	63.320	1252.817			
6) SOLAR	5.036	169.110			
TOTAL STATE	287.352	9276.820			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3013	2893	3517	2652
MSPGCL Hydro	528	535	496	394
MSPGCL Gas	263	251	263	266
MSPGCL Total Generation	3804	3679	4276	3312
Central Sector Receipt	6887	5248	5232	4489
WIND	2416	2907	2628	2101
CPP / IPP Thermal	5056	4236	4983	4018
CPP / IPP Gas	0	0	0	0
SOLAR	339	664	2	0
Exchange with Mumbai	-1221	-1519	-1212	-968
MSEDCL DEMAND MET	17281	15215	15909	12952
Load Shedding	0	0	0	0
MSEDCL DEMAND	17281	15215	15909	12952
TPCL GENERATION	696	807	830	522
AEML GENERATION	286	286	286	285
MUMBAI DEMAND	2203	2612	2328	1775
STATE DEMAND MET	19484	17827	18237	14727
STATE DEMAND	19484	17827	18237	14727
Frequency (Hz)	50.00	50.01	49.92	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 12.02 Hrs	49.74 Hz at 19.48 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 31/Jul/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	270.97	0	0
Unit 9	8.80	228.97	430	309
Unit 10	10.58	237.06	505	370
Total	19.38	737.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.97	214.67	450	280
Unit 5	7.74	175.54	425	280
Total	15.72	390.21		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	22.08	0	0
Total	0.00	22.08		
Chandrapur				
Unit 3	3.06	99.16	148	124
Unit 4	3.10	84.36	170	120
Unit 5	7.02	226.26	340	275
Unit 6	7.10	224.74	355	280
Unit 7	0.00	112.06	0	0
Unit 8	8.72	290.67	440	275
Unit 9	0.00	138.21	0	0
Total	29.00	1175.46		
Paras				
Unit 3	0.00	83.94	0	0
Unit 4	3.05	99.16	166	0
Total	3.05	183.10		
Khaparkheda				
Unit 1	0.00	7.76	0	0
Unit 2	0.00	35.70	0	0
Unit 3	0.00	41.57	0	0
Unit 4	0.00	42.26	0	0
Unit 5	0.00	276.76	0	0
Total	0.00	404.04		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.90	91.04	196	125
Total	3.90	105.14		
Uran				
All Units	6.30	151.27	268	251
Total	6.30	151.27		
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)	0.02	4.69	15	0
Total	0.02	4.69		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.01	68.62	55	35
Stage 4	0.00	64.70	0	0
Stage 3	0.97	57.53	80	0
Total	1.98	190.84		
Hydro				
KDPH	0.86	5.11	36	36
VTRNA	0.00	1.88	0	0
TILLARI	0.70	9.90	58	0
BHIRA T.R.	0.45	13.37	40	0
SMLHY_PTN	5.79	156.08	249	232
GHATGHAR	1.17	6.97	125	0
Total	8.97	193.31		
Wind				
Total	63.32	1252.82	0	0
Total	63.32	1252.82		
CPP				
APML(Mus)	58.82	1936.64	0	0
JSWEL(Mus)	21.03	575.96	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.17	669.95	0	0
SWPGPL-Mus	2.71	143.03	0	0
Other(Mus)	5.22	199.94	0	0
Total	106.95	3525.53		
SOLAR				
Total	5.04	169.11	0	0
Total	5.04	169.11		
Tata				
Trombay 5	6.62	255.52	282	274
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.47	43.57	63	61
Trombay 7B	1.17	34.54	50	48
Trombay 8	3.35	87.54	158	136
TATA Hydro	4.05	143.53	308	0
Total	16.65	564.71		
AEML				
DTPS U-1&2	7.09	212.20	451	284
Total	7.09	212.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	71.05	3017.03	MSPGCL Total	88.30	3552.45
			MSPGCL Thml+Gas	77.35	3168.30	Koyna 1,2 & 4 Total	1.01	133.31
			MSPGCL Hydro	10.95	384.15	State Total	287.35	9276.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/Jul/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	2656	399	265	3320	2884	4025	0	0	4839	4367	-1213	13383	0	13383	2072	15455	50.01
2	2624	392	264	3280	2749	4013	0	0	4735	4492	-1104	13430	0	13430	1937	15367	50.01
3	2614	399	264	3277	2789	4018	0	0	4615	4602	-1013	13673	0	13673	1842	15515	50.03
4	2652	394	266	3312	2101	4018	0	0	4579	4489	-968	12952	0	12952	1775	14727	50.02
5	2771	408	264	3443	2107	4196	0	0	4739	4853	-954	13645	0	13645	1761	15406	49.99
6	2859	404	265	3528	2145	4705	0	0	5197	5477	-1000	14855	0	14855	1809	16664	50.02
7	3203	333	268	3804	2248	5020	0	25	6463	6275	-995	16377	0	16377	1847	18224	49.99
8	2944	342	264	3550	2308	5044	0	155	7190	6707	-1082	16682	0	16682	1966	18648	49.91
9	3013	528	263	3804	2416	5056	0	339	6825	6887	-1221	17281	0	17281	2203	19484	50.00
10	3191	533	262	3986	2762	4995	0	562	6516	6074	-1359	17020	0	17020	2449	19469	50.03
11	2982	534	262	3778	2739	4751	0	536	6127	5915	-1544	16175	0	16175	2635	18810	50.03
12	2994	537	263	3794	2688	4621	0	610	6168	5928	-1606	16035	0	16035	2655	18690	50.02
13	2893	535	251	3679	2907	4236	0	664	6097	5248	-1519	15215	0	15215	2612	17827	50.01
14	2753	533	259	3545	2913	3894	0	642	5988	5386	-1485	14895	0	14895	2497	17392	50.01
15	2740	536	261	3537	2841	3579	0	615	5873	5564	-1458	14678	0	14678	2502	17180	49.99
16	2722	533	259	3514	3066	3523	0	389	5780	6085	-1408	15169	0	15169	2471	17640	49.97
17	2939	539	259	3737	2945	3802	0	305	5566	5536	-1342	14983	0	14983	2419	17402	49.94
18	3039	443	262	3744	2963	4138	0	157	5381	5492	-1328	15166	0	15166	2368	17534	49.98
19	3236	465	262	3963	2809	4690	0	35	5142	5063	-1218	15342	0	15342	2300	17642	50.00
20	3517	496	263	4276	2628	4983	0	2	5319	5232	-1212	15909	0	15909	2328	18237	49.92
21	3372	439	263	4074	2500	5018	0	0	4896	4934	-1048	15478	0	15478	2304	17782	49.95
22	3357	424	264	4045	2519	5039	0	0	4695	4608	-1106	15105	0	15105	2233	17338	50.03
23	3130	402	264	3796	2660	4992	0	0	4696	4537	-1181	14804	0	14804	2172	16976	50.02
24	2850	404	264	3518	2633	4597	0	0	4922	4698	-1199	14247	0	14247	2145	16392	50.00
MUs	71.05	10.95	6.30	88.30	63.32	106.95	0.00	5.04	132.35	128.45	-29.56	362.50	0.00	362.50	53.30	415.80	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 31/Jul/2021

Position as on 6.30 Hrs of 01/Aug/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	RPL(AMT) U-3	270	15/07/2021	00.00		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 9	500	15/07/2021	02.00		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 3	250	20/07/2021	00.35		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		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	Bhusawal Unit 3	210	08/06/2021	00.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	04/07/2021	11.03		Continued.	Boiler Tube Leakage(Converted into to Zero Schedule from 20.00Hrs DT.06-07-2021)	
MSPGCL	Parli Unit 8	250	12/07/2021	18.00		Continued.	Zero Schedule.	
MSPGCL	Khaparkhedha Unit 1	210	15/07/2021	23.57		Continued.	Zero schedule	
MSPGCL	Khaparkhedha Unit 2	210	16/07/2021	00.12		Continued.	Zero schedule	
MSPGCL	Khaparkhedha Unit 3	210	16/07/2021	00.29		Continued.	Zero schedule	
MSPGCL	Khaparkhedha Unit 4	210	16/07/2021	02.00		Continued.	Zero schedule	
IPP	JSW (J) U4	300	16/07/2021	17.44		Continued.	Air Preheater problem.	
IPP	SWPGPL U-4	135	19/07/2021	23.45		Continued.	Zero schedule.	
MSPGCL	Khaparkhedha Unit 5	500	29/07/2021	09.04	01/08/2021	12.50	Boiler Tube Leakage	
IPP	SWPGPL U-3	135	29/07/2021	09.11		Continued.	PA fan bearing issue.(ready & under zero sch. from 12.30 hrs of 30.07.2021)	
MSPGCL	Chandrapur Unit 7	500	30/07/2021	00.00		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	30/07/2021	16.31		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	31/07/2021	19.49	31/07/2021	23.45	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/Jul/2021

Position as on 6.30 Hrs of 01/Aug/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 5	500	01/08/2021	12.58	01/08/2021	16.47	Field Failure	

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

Statement-VII

Position as on 6.30 Hrs of 01/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	01/08/2021	06.28	01/08/2021	10.52	PO	Disc Replacement Work
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
Chandrapur Bhadravati II	InterState	26/07/2021	15.36		Continued.	PO	Maintenance work.
Dhule Sar'Sarovar I	InterState	31/07/2021	13.32		Continued.	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	31/07/2021	17.39	01/08/2021	07.01	T	Reactor Protection
Deepnagar - Aurangabad	IntraState	30/07/2021	10.47		Continued.	PO	Insulator string replacement. (RFC.16:29)
Koradi-Khaperkheda li	IntraState	30/07/2021	23.59		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	31/07/2021	15.19	01/08/2021	06.43	T	Distance Protection
Aurangabad - Aurangabad(PG) I	IntraState	01/08/2021	00.38	01/08/2021	07.34	EO	jumper Reconnection
Chandrapur-II - Nanded ckt II	IntraState	01/08/2021	14.00		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/08/2021	22.45		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.
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)
Wadkhal(GIS)-JSW(GIS) I	IntraState	16/07/2021	17.50	31/07/2021	16.33	PO	For replacement of existing 1200/1A GIS metering CTs with new 1600/1A GIS CTs.
Balapur-Akola li	IntraState	22/07/2021	07.48		Continued.	T	Distance Protection(tower collapse At LOC. No.15.)
Balapur-Akola I	IntraState	22/07/2021	07.48		Continued.	T	Distance Protection(tower collapse At LOC. No.15.)
Mahad-Kandalgaon	IntraState	22/07/2021	19.35	01/08/2021	18.25	T	Distance Protection
Mahad - Pedambe	IntraState	22/07/2021	19.35		Continued.	T	Distance Protection
Kandalgaon - Pirangut	IntraState	22/07/2021	19.37		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	23/07/2021	08.43		Continued.	PO	To Carry out bunching work.
Kalwa-TIFIL	IntraState	23/07/2021	11.12		Continued.	PO	For Complete Tower erection work at loc no. 75A & 76 (behind M/s Siemens).
Kharghar-Borivali ckt I	IntraState	24/07/2021	08.46		Continued.	PO	Tower Erection & Bunching work
Kalwa - Siemens	IntraState	24/07/2021	18.16		Continued.	PO	Tower Erection & Bunching work
Miraj - ICHALKARANJI - II (TILWANI)	IntraState	28/07/2021	08.19		Continued.	T	Tower collapsed at loc no.27.
Chikhli-Jalna-II	IntraState	30/07/2021	15.37		Continued.	HT	To control ICT loading
Pandarpur-Khanapur	IntraState	30/07/2021	23.20	31/07/2021	09.25	HT	Due to heavy sparking at wave trap.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	31/07/2021	08.16	31/07/2021	19.09	PO	Testing Work
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	31/07/2021	08.20	31/07/2021	15.57	PO	Replacement work
Bableshtar -Bhenda	IntraState	31/07/2021	10.25	31/07/2021	13.30	PO	Quarterly Maintenance Work
Aurangabad (Waluj)-Bhenda	IntraState	31/07/2021	14.45	31/07/2021	17.22	PO	Quarterly Maintenance Work
Kolshet-Roma	IntraState	31/07/2021	15.35	31/07/2021	15.49	PO	Bus Section outage due to Heavy chattering due to crow nest
Chikhli-Jalna-I	IntraState	31/07/2021	21.54		Continued.	HT	To control Akola ICT loading.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	01/08/2021	08.17	01/08/2021	20.20	PO	Replacement work

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/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 01/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bombay Dyeing - Sahara	IntraState	01/08/2021	10.15	01/08/2021	16.50	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ict 4 @Padegaon	IntraState	30/07/2021	21.12		Continued.	HT	Over Voltage
220/132 KV ICT-2 @Nagar	IntraState	31/07/2021	09.30	31/07/2021	18.33	PO	Attending Oil Leakage
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	31/07/2021	15.37	31/07/2021	15.50	HT	Clearing Crow Nest

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