

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	83.570	2409.706	1) Gujrat	-12.441	-160.314
2) Hydro	11.342	306.265	2) Madhya Pradesh	2.517	127.767
3) Gas	3.235	112.551	3) Chattisgarh	5.370	93.330
Total MSPGCL	98.147	2828.522	4) Maharashtra	124.042	3230.531
B) 1) APLM	60.985	1459.513	5) Goa (Amona)	-1.800	-18.495
2) JSWEL	19.410	413.873	Total	117.688	3272.819
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.766	662.878
4) RPL(AMT)	18.319	531.398	b) Mumbai Drawl	26.409	676.754
5) SWPGPL	2.592	122.685	c) MSEDCL Bilateral *	24.737	778.589
6) Other IPP	5.383	158.237	Include PX	-2.675	123.486
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.766	660.122
C) 1) TPCL Thermal	10.344	259.390	Include PX	11.923	309.149
2) TPCL Hydro	7.127	107.517	Standby	0.000	2.756
3) TPCL Gas	2.331	55.881	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.830	152.410	1) MSEDCL	342.722	8990.777
D) STATE			2) Mumbai Discoms	54.041	1251.952
1) Thermal	208.433	5507.212	TOTAL STATE	396.763	10242.729
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	18.469	413.782			
3) Gas (A3+B7+C3)	5.566	168.432			
4) Wind	43.223	753.065			
6) SOLAR	3.384	127.419			
TOTAL STATE	279.075	6969.910			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3998	3268	3878	3162
MSPGCL Hydro	476	498	580	542
MSPGCL Gas	136	137	135	136
MSPGCL Total Generation	4610	3903	4593	3840
Central Sector Receipt	5715	5636	4410	4550
WIND	1718	1895	1786	1777
CPP / IPP Thermal	5344	4215	5241	3362
CPP / IPP Gas	0	0	0	0
SOLAR	315	487	0	0
Exchange with Mumbai	-1188	-1554	-909	-821
MSEDCL DEMAND MET	16514	14582	15121	12708
Load Shedding	0	0	0	0
MSEDCL DEMAND	16514	14582	15121	12708
TPCL GENERATION	926	901	1000	659
AEML GENERATION	492	287	460	285
MUMBAI DEMAND	2606	2742	2369	1765
STATE DEMAND MET	19120	17324	17490	14473
STATE DEMAND	19120	17324	17490	14473
Frequency (Hz)	50.00	50.04	49.94	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.01 Hrs	49.68 Hz at 20.29 Hrs	49.97	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/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	7.50	220.23	405	267
Unit 9	7.21	166.73	339	272
Unit 10	7.24	175.64	345	270
Total	21.96	562.60		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.20	180.57	465	280
Unit 5	0.00	160.80	0	0
Total	8.20	341.38		
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	3.14	74.37	150	119
Unit 4	3.24	58.87	160	115
Unit 5	7.23	172.10	360	265
Unit 6	7.15	166.87	340	270
Unit 7	7.24	68.22	348	275
Unit 8	8.78	219.48	432	275
Unit 9	0.00	138.21	0	0
Total	36.78	898.12		
Paras				
Unit 3	0.00	83.94	0	0
Unit 4	4.14	68.23	231	151
Total	4.14	152.17		
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	9.05	229.28	440	300
Total	9.05	356.56		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.45	62.70	195	129
Total	3.45	76.80		
Uran				
All Units	3.24	112.55	137	126
Total	3.24	112.55		
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)	0.20	4.45	27	0
Total	0.20	4.45		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	0.97	60.70	45	35
Stage 4	0.00	64.70	0	0
Stage 3	2.92	50.46	280	0
Total	3.89	175.86		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.27	0	0
TILLARI	1.39	4.46	58	58
BHIRA T.R.	0.41	9.79	40	0
SMLHY_PTN	5.12	111.67	231	195
GHATGHAR	0.54	3.22	174	0
Total	7.46	130.41		
Wind				
Total	43.22	753.06	0	0
Total	43.22	753.06		
CPP				
APML(Mus)	60.98	1459.51	0	0
JSWEL(Mus)	19.41	413.87	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.32	531.40	0	0
SWPGPL-Mus	2.59	122.68	0	0
Other(Mus)	5.38	158.24	0	0
Total	106.69	2685.71		
SOLAR				
Total	3.38	127.42	0	0
Total	3.38	127.42		
Tata				
Trombay 5	6.81	200.26	343	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.29	30.90	57	51
Trombay 7B	1.04	24.98	46	41
Trombay 8	3.53	59.13	202	136
TATA Hydro	7.13	107.52	388	132
Total	19.80	422.79		
AEML				
DTPS U-1&2	7.83	152.41	502	284
Total	7.83	152.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	83.57	2409.71	MSPGCL Total	98.15	2828.52
			MSPGCL Thml+Gas	86.80	2522.26	Koyna 1,2 & 4 Total	0.97	125.40
			MSPGCL Hydro	11.34	306.26	State Total	279.08	6969.91

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	3178	568	136	3882	1990	3545	0	0	4615	4479	-979	12917	0	12917	1983	14900	49.98
2	3190	553	135	3878	2090	3387	0	0	4219	4345	-891	12809	0	12809	1847	14656	49.96
3	3162	542	136	3840	1777	3362	0	0	4162	4550	-821	12708	0	12708	1765	14473	49.98
4	3172	484	136	3792	1764	3535	0	0	4279	4519	-764	12846	0	12846	1709	14555	50.00
5	3294	457	135	3886	1880	3799	0	0	4538	4530	-769	13326	0	13326	1703	15029	49.97
6	3456	398	136	3990	1931	4084	0	0	4967	5060	-813	14252	0	14252	1762	16014	49.96
7	3747	339	135	4221	1927	4847	0	10	5086	5048	-864	15189	0	15189	1830	17019	49.99
8	3996	347	126	4469	1609	5270	0	97	5168	5421	-978	15888	0	15888	2017	17905	49.99
9	4039	461	136	4636	1701	5320	0	197	5420	5587	-1076	16365	0	16365	2316	18681	49.89
10	3998	476	136	4610	1718	5344	0	315	5756	5715	-1188	16514	0	16514	2606	19120	50.00
11	3775	493	135	4403	1807	5133	0	407	6036	5348	-1522	15576	0	15576	2769	18345	50.01
12	3445	503	136	4084	1787	4742	0	443	6104	5543	-1596	15003	0	15003	2783	17786	50.04
13	3268	498	137	3903	1895	4215	0	487	6167	5636	-1554	14582	0	14582	2742	17324	50.04
14	3121	505	136	3762	1801	3651	0	434	6027	5803	-1480	13971	0	13971	2638	16609	50.03
15	3074	505	135	3714	1925	3640	0	360	5773	5798	-1458	13979	0	13979	2609	16588	50.00
16	3048	518	136	3702	1674	3846	0	276	5676	5651	-1349	13800	0	13800	2584	16384	49.96
17	3265	519	134	3918	1665	4200	0	212	5511	5129	-1318	13806	0	13806	2512	16318	49.96
18	3388	445	136	3969	1658	4446	0	125	5313	4951	-1237	13912	0	13912	2428	16340	49.99
19	3604	572	135	4311	1517	4815	0	21	5065	4741	-1167	14238	0	14238	2360	16598	50.00
20	3878	580	135	4593	1786	5241	0	0	4849	4410	-909	15121	0	15121	2369	17490	49.94
21	3869	409	135	4413	1972	5306	0	0	4189	3958	-840	14809	0	14809	2309	17118	49.87
22	3836	412	136	4384	1775	5285	0	0	3814	3614	-912	14146	0	14146	2231	16377	49.89
23	3566	403	126	4095	1783	5152	0	0	3956	3761	-972	13819	0	13819	2109	15928	49.90
24	3201	355	136	3692	1791	4524	0	0	4292	4091	-952	13146	0	13146	2060	15206	50.00
MUs	83.57	11.34	3.24	98.15	43.22	106.69	0.00	3.38	120.98	117.69	-26.41	342.72	0.00	342.72	54.04	396.76	49.97

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/Jul/2021

Position as on 6.30 Hrs of 24/Jul/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	
MSPGCL	Uran Unit 5	108	22/07/2021	00.06		Continued.	Maintenance work	
MSPGCL	Uran Unit A0	120	22/07/2021	00.06		Continued.	Maintenance work	
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	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	Khaparkheda Unit 1	210	15/07/2021	23.57		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 2	210	16/07/2021	00.12		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 3	210	16/07/2021	00.29		Continued.	Zero schedule	
MSPGCL	Khaparkheda 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.	
IPP	SWPGPL U-2	135	19/07/2021	23.51		Continued.	Zero schedule.	
MSPGCL	Bhusawal Unit 5	500	21/07/2021	14.08		Continued.	Zero schedule.	
MSPGCL	Bhusawal Unit 4	500	24/07/2021	03.17	24/07/2021	07.33	Generator electrical protection.	

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

Statement-VII

Position as on 6.30 Hrs of 24/Jul/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/Tripping							
Chandrapur - Padghe Hvdc Pole 2	IntraState	24/07/2021	00.06	24/07/2021	08.59	T	line fault.
400 KV LINE Outages/Tripping							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Girwali - Lonikand 1	IntraState	14/07/2021	09.29	24/07/2021	13.41	PO	Dismantling / De-stringing, tower erection and stringing work between span 258-259 for LILO arrangement to proposed 400kv karjat station.
Karad - Jaigad - II	IntraState	22/07/2021	20.14	23/07/2021	13.46	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	23/07/2021	13.18		Continued.	HT	Over Voltage
Lonikand I - Koyana stage-IV	IntraState	24/07/2021	02.26	24/07/2021	07.26	T	Distance Protection
Jaigad-Karad Ckt-I	IntraState	24/07/2021	23.53		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
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.
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	22/07/2021	08.06	23/07/2021	03.45	PO	Routine Maintenance Work
400/220 KV 500 MVA ICT- III @Aurangabad (Waluj)	IntraState	22/07/2021	11.36	23/07/2021	14.57	PO	Overhauling Of PG Isolator Work.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	23/07/2021	20.44	24/07/2021	01.23	EO	To attend Hot Spot
400/220/33 Kv 500 Mva Ict 3 @Dhule	IntraState	24/07/2021	08.58	24/07/2021	17.50	PO	Routine Maintenance Work
400/220/33 kv 315 MVA ICT-I @Chandrapur GCR	IntraState	24/07/2021	18.57		Continued.	EO	Protection trial of newly erected Siemens Make Circuit Breaker of 315MVA, 400/220/33KV, NGEF make ICT-I.
220 KV LINE Outages/Tripping							
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)
Tillari Amona	InterState	23/07/2021	23.04	24/07/2021	00.49	T	Distance Protection
Wadkhal(GIS)-JSW(GIS) I	IntraState	16/07/2021	17.50		Continued.	PO	For replacement of existing 1200/1A GIS metering CTs with new 1600/1A GIS CTs.
Kandalgaon - Koyana (Pophali)	IntraState	22/07/2021	05.07	24/07/2021	18.45	T	Distance Protection
Mahad-Kandalgaon	IntraState	22/07/2021	19.35		Continued.	T	Distance Protection
Kandalgaon - Pirangut	IntraState	22/07/2021	19.37		Continued.	T	Distance Protection
Dasturi-Kandalgaon Line	IntraState	22/07/2021	22.37	23/07/2021	17.03	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	23/07/2021	08.40	23/07/2021	16.13	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	23/07/2021	08.43		Continued.	PO	To Carry out bunching work.
Adlabs - Pedambe	IntraState	23/07/2021	08.45	23/07/2021	15.00	T	Y- PH CT To Line Conductor Damage.
Mahape - TIFIL	IntraState	23/07/2021	09.25		Continued.	PO	To Carry out bunching work.
Theur-Phursungi ckt-2	IntraState	23/07/2021	09.30	23/07/2021	15.07	PO	Half yearly maintenance work
Khadka-Bhadli-1	IntraState	23/07/2021	10.08	23/07/2021	13.15	PO	Replacement of Damage jumper R PH line Isolator to Wave Trap. Replacement of Nut Bolt Clamps With Compressed Clamps of jumpers of LA.CC & Wave trap.
Ghatghar - Bapgaon	IntraState	23/07/2021	10.09	23/07/2021	17.03	T	LOC NO. 319 insulator string Decapped. Work in progress.
Midc Chandrapur-Gadchandur	IntraState	23/07/2021	10.10	23/07/2021	10.42	T	PDR Operated.
Kalwa-TIFIL	IntraState	23/07/2021	11.12		Continued.	PO	For Complete Tower erection

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/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 24/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							work at loc no. 75A & 76 (behind M/s Siemens).
Butibori-Abhijeet	IntraState	23/07/2021	12.29	23/07/2021	14.48	PO	Commissioning Work PT Selection panel.
220KV Chalisagaon-Kopergaon	IntraState	23/07/2021	13.56	23/07/2021	17.26	PO	Work At Kopergaon End.
Akola-Paras Ckt No-I	IntraState	23/07/2021	15.27	23/07/2021	15.49	T	PDR Operated.
Apta - Tambati	IntraState	23/07/2021	16.23	23/07/2021	18.15	PO	CB mechanism overhauling work by agency.
Akola-Paras Ckt No-I	IntraState	23/07/2021	18.35	23/07/2021	19.05	T	PDR Operated.
Uran - Kharghar I	IntraState	23/07/2021	22.57	23/07/2021	23.14	T	Distance Protection
Trombay MSETCL Tie 1	IntraState	24/07/2021	09.50	24/07/2021	20.23	PO	Attending main bus side GOD at MSETCL Trombay.
Eklahara(Gcr)(Nasik)- Bableswhar 2	IntraState	24/07/2021	10.26	24/07/2021	20.15	PO	B/U testing.
Pusad - Hingoli	IntraState	24/07/2021	10.41	24/07/2021	15.35	HT	Attending Hot Spot
SIEMENS - RELIANCE GIS	IntraState	24/07/2021	11.51	24/07/2021	18.09	PO	1) To carry out bunching between loc no. 45 & 46 of Bottom Ckt of 220KV Kalwa-TFIPL line (Old name) to 220KV Siemens-RCP Line which will form 220KV Kharghar Tap- Siemens-RCP line.
SAKI (REL) - SAKI (TATA) CKT - 1	IntraState	24/07/2021	14.48	24/07/2021	17.19	PO	Routine Maintenance Work
220 KV ICT Outages/Trippings							
220 Kv /132 Kv 100 Mva Ptr @Chitegaon	IntraState	18/07/2021	11.03		Continued.	PO	Attending oil leakage from main tank.
200/132KV 100MVA ICT-1@Butibori	IntraState	23/07/2021	07.35		Continued.	T	Smoke observed From LV Side B - PH LA.

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