

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Jul/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	73.152	2873.192	1) Gujrat	-2.034	-192.853
2) Hydro	10.030	364.471	2) Madhya Pradesh	11.051	170.166
3) Gas	6.304	138.680	3) Chattisgarh	5.710	122.750
Total MSPGCL	89.486	3376.343	4) Maharashtra	116.723	3934.894
B) 1) APLM	62.829	1817.601	5) Goa (Amona)	-1.584	-27.995
2) JSWEL	20.814	534.087	Total	129.866	4006.962
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.601	822.181
4) RPL(AMT)	18.446	633.353	b) Mumbai Drawl	29.553	845.983
5) SWPGPL	2.491	137.567	c) MSEDCL Bilateral *	32.283	955.539
6) Other IPP	5.424	189.529	Include PX	6.428	139.188
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.601	819.425
C) 1) TPCL Thermal	10.266	323.094	Include PX	13.116	380.207
2) TPCL Hydro	4.729	134.730	Standby	0.000	2.756
3) TPCL Gas	2.849	72.838	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.930	198.258	1) MSEDCL	371.545	11134.529
D) STATE			2) Mumbai Discoms	55.327	1574.903
1) Thermal	201.352	6706.681	TOTAL STATE	426.872	12709.432
(A1+C1+C4+(B1-B6))					
2) Hydro	14.759	499.201			
(A2+C2)					
3) Gas	9.153	211.518			
(A3+B7+C3)					
4) Wind	68.218	1124.468			
6) SOLAR	3.524	160.602			
TOTAL STATE	297.006	8702.470			

* 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 2 Hrs
MSPGCL Thermal	3144	2995	3203	2719
MSPGCL Hydro	549	417	446	376
MSPGCL Gas	264	262	264	264
MSPGCL Total Generation	3957	3674	3913	3359
Central Sector Receipt	6056	5900	5154	4861
WIND	3042	3108	2997	2499
CPP / IPP Thermal	5120	4235	5124	4037
CPP / IPP Gas	0	0	0	0
SOLAR	280	606	0	0
Exchange with Mumbai	-1205	-1610	-1108	-1060
MSEDCL DEMAND MET	17250	15913	16080	13696
Load Shedding	0	0	0	0
MSEDCL DEMAND	17250	15913	16080	13696
TPCL GENERATION	947	866	795	595
AEML GENERATION	502	286	499	286
MUMBAI DEMAND	2654	2762	2402	1941
STATE DEMAND MET	19904	18675	18482	15637
STATE DEMAND	19904	18675	18482	15637
Frequency (Hz)	49.98	50.01	50.01	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.02 Hrs	49.82 Hz at 17.14 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 29/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	8.05	264.74	413	257
Unit 9	7.37	211.80	400	233
Unit 10	6.87	218.14	330	235
Total	22.29	694.69		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	200.62	0	0
Unit 5	0.02	160.82	24	0
Total	0.02	361.45		
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	3.13	93.12	145	113
Unit 4	3.30	78.34	162	112
Unit 5	7.85	212.38	370	275
Unit 6	7.77	210.72	365	275
Unit 7	7.56	112.06	360	218
Unit 8	10.04	271.82	450	310
Unit 9	0.00	138.21	0	0
Total	39.64	1116.65		
Paras				
Unit 3	0.00	83.94	0	0
Unit 4	4.10	92.28	231	144
Total	4.10	176.23		
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	3.73	276.76	460	0
Total	3.73	404.04		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.37	83.96	190	125
Total	3.37	98.07		
Uran				
All Units	6.30	138.68	265	252
Total	6.30	138.68		
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)	0.00	4.61	4	0
Total	0.00	4.61		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.00	66.62	50	35
Stage 4	0.00	64.70	0	0
Stage 3	0.41	55.93	80	0
Total	1.40	187.25		
Hydro				
KDPH	0.85	3.40	36	35
VTRNA	0.24	1.88	59	0
TILLARI	0.65	9.21	58	0
BHIRA T.R.	0.45	12.47	40	0
SMLHY_PTN	5.84	144.57	255	231
GHATGHAR	0.60	5.69	125	0
Total	8.63	177.22		
Wind				
Total	68.22	1124.47	0	0
Total	68.22	1124.47		
CPP				
APML(Mus)	62.83	1817.60	0	0
JSWEL(Mus)	20.81	534.09	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.45	633.35	0	0
SWPGPL-Mus	2.49	137.57	0	0
Other(Mus)	5.42	189.53	0	0
Total	110.00	3312.14		
SOLAR				
Total	3.52	160.60	0	0
Total	3.52	160.60		
Tata				
Trombay 5	6.68	242.24	378	258
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.63	40.64	105	58
Trombay 7B	1.22	32.20	62	47
Trombay 8	3.59	80.85	220	137
TATA Hydro	4.73	134.73	372	36
Total	17.84	530.66		
AEML				
DTPS U-1&2	7.93	198.26	502	285
Total	7.93	198.26		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	73.15	2873.19	MSPGCL Total	89.49	3376.34
			MSPGCL Thml+Gas	79.46	3011.87	Koyna 1,2 & 4 Total	1.00	131.32
			MSPGCL Hydro	10.03	364.47	State Total	297.01	8702.47

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	3014	377	264	3655	2803	4168	0	0	4776	4642	-1195	14073	0	14073	2076	16149	50.01
2	2719	376	264	3359	2499	4037	0	0	4751	4861	-1060	13696	0	13696	1941	15637	50.02
3	2727	383	263	3373	2584	4049	0	0	4719	4814	-985	13835	0	13835	1844	15679	50.03
4	3015	381	263	3659	2489	4062	0	0	4680	4812	-924	14098	0	14098	1766	15864	50.02
5	3309	392	264	3965	2505	4349	0	0	4674	4735	-917	14637	0	14637	1764	16401	50.00
6	3267	428	263	3958	2709	4866	0	0	5087	4904	-944	15493	0	15493	1811	17304	50.03
7	3260	510	265	4035	2411	4991	0	19	6136	5859	-962	16353	0	16353	1864	18217	50.00
8	3336	424	264	4024	2530	4969	0	102	6527	6687	-1100	17212	0	17212	2053	19265	49.99
9	3489	495	263	4247	2801	4984	0	201	6304	6290	-1006	17517	0	17517	2367	19884	49.98
10	3144	549	264	3957	3042	5120	0	280	5943	6056	-1205	17250	0	17250	2654	19904	49.98
11	3172	481	252	3905	3174	5069	0	456	6042	5646	-1372	16878	0	16878	2817	19695	49.99
12	3108	474	263	3845	3180	4507	0	503	6049	5845	-1582	16298	0	16298	2827	19125	50.03
13	2995	417	262	3674	3108	4235	0	606	5929	5900	-1610	15913	0	15913	2762	18675	50.01
14	2872	392	262	3526	3027	4238	0	481	5944	5621	-1537	15356	0	15356	2650	18006	50.02
15	2808	417	260	3485	3137	4225	0	398	5937	5760	-1528	15477	0	15477	2657	18134	50.02
16	2832	442	261	3535	3074	4317	0	243	6088	5843	-1502	15510	0	15510	2652	18162	50.03
17	2838	439	261	3538	2948	4315	0	157	6088	5905	-1431	15432	0	15432	2580	18012	49.98
18	3011	448	262	3721	3153	4403	0	71	5568	5669	-1366	15651	0	15651	2509	18160	49.94
19	3120	423	264	3807	3043	4863	0	7	5296	5351	-1295	15776	0	15776	2424	18200	49.96
20	3203	446	264	3913	2997	5124	0	0	5374	5154	-1108	16080	0	16080	2402	18482	50.01
21	3108	391	264	3763	2947	5030	0	0	5245	5013	-1172	15581	0	15581	2345	17926	50.01
22	3036	321	263	3620	2845	4904	0	0	4886	4888	-1217	15040	0	15040	2226	17266	50.02
23	2978	320	265	3563	2713	4696	0	0	4958	4809	-1284	14497	0	14497	2208	16705	50.03
24	2791	304	264	3359	2499	4483	0	0	5025	4802	-1251	13892	0	13892	2128	16020	50.01
MUs	73.15	10.03	6.30	89.49	68.22	110.00	0.00	3.52	132.03	129.87	-29.55	371.55	0.00	371.55	55.33	426.87	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 29/Jul/2021

Position as on 6.30 Hrs of 30/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	
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.	
MSPGCL	Bhusawal Unit 5	500	21/07/2021	14.08	29/07/2021	23.23	Zero schedule.	
MSPGCL	Bhusawal Unit 4	500	26/07/2021	21.49	30/07/2021	03.14	Zero schedule.	
MSPGCL	Khaparkheda Unit 5	500	29/07/2021	09.04		Continued.	Boiler Tube Leakage	
IPP	SWPGPL U-3	135	29/07/2021	09.11		Continued.	PA fan bearing issue.	
MSPGCL	Chandrapur Unit 7	500	30/07/2021	00.00		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 30/Jul/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
Chandrapur Bhadravati II	InterState	26/07/2021	15.36		Continued.	PO	Maintenance work.
Alkud-Solapur(PG)	InterState	28/07/2021	08.30	29/07/2021	01.22	PO	Quarterly Maintenance Work & Diagnostic Testing Work
Akola Aurangabad(PG) II	InterState	30/07/2021	06.07		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	28/07/2021	13.48	29/07/2021	08.33	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/07/2021	21.17	29/07/2021	08.43	HT	Over Voltage
Main Bus I @ Akola	IntraState	29/07/2021	09.56	30/07/2021	05.18	PO	Routine Maintenance Work
Dhule - Ssnnl I	IntraState	29/07/2021	11.52	29/07/2021	19.38	EO	Rotary clamps of isolator damaged and jammed.
Khadka-Aurangabad (Waluj)	IntraState	29/07/2021	22.18		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	30/07/2021	00.14		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.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	29/07/2021	10.07	29/07/2021	22.15	PO	To Replace REF Relay & Connect BI/BO Of BCU & SCADA trails under MTAMC project Work.
400/220/33 Kv 315 MVA ICT-3 @Padghe	IntraState	29/07/2021	11.52	29/07/2021	21.34	T	Tripped On NDR.
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)
Boisar Tarapur	InterState	29/07/2021	02.12	29/07/2021	11.39	T	Distance Protection, Boisar-R PH To Earth 15.5KM, 9.84 KAMP. Tarapur R PH To Earth 5 KM, 8.4 KAMP.
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.
Mahad-Kandalgaon	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
Kharepatan -Pawas Line	IntraState	27/07/2021	11.25		Continued.	T	Back protection B-ph, 1.69K AMP
Miraj - ICHALKARANJI - II (TILWANI)	IntraState	28/07/2021	08.19		Continued.	T	Tower collapsed at loc no.27.
220kv Lonand- Phaltan line	IntraState	29/07/2021	09.31	29/07/2021	13.33	EO	Commissioning Of ABB Distance Relay After Repairing.
Nandedcity-Parvati	IntraState	29/07/2021	10.00	29/07/2021	16.00	EO	Y-PH Pilot String (CT Drop) Need To Replace (As Per PID Report) Of Flashover String Due to metal wire Fallen By bird & Line Tripped On DT-10/07/2021 Work To Be done By hot line method.
Balapur-Malegaon	IntraState	29/07/2021	12.00	29/07/2021	15.40	PO	Tan Delta Values of CT & CC, Relay Testing Work.
Chikhli-Jalna-II	IntraState	29/07/2021	20.00		Continued.	HT	Reported Man Climb On Tower HT Requested From Chikhli S/ST for Safety Purpose.

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 29/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 30/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chikhli-Jalna-I	IntraState	29/07/2021	20.00	29/07/2021	21.59	HT	Reported Man Climb On Tower HT Requested From Chikhli S/ST for Safety Purpose.
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	28/07/2021	10.12	29/07/2021	00.55	PO	Replacement of RCC Support Structures Of LV CTs, LV LA & 132kV Auxiliary Bus Isolator.
220/132 Kv 200MVA ICT II @Dhule	IntraState	29/07/2021	10.26	29/07/2021	13.56	PO	Tan Delta values of CT & CC. Relay Testing work.
220/132 Kv 200 Mva Bbl Ict 4 @Padegaon	IntraState	29/07/2021	10.27	29/07/2021	14.16	PO	Y PH CT Hot Spot.

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