

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Jul/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.090	1755.273	1) Gujrat	-11.254	-104.032
2) Hydro	8.191	236.420	2) Madhya Pradesh	4.861	98.001
3) Gas	3.230	77.630	3) Chattisgarh	4.280	65.850
Total MSPGCL	114.511	2069.323	4) Maharashtra	139.924	2352.475
B) 1) APML	66.812	1068.366	5) Goa (Amona)	-0.768	-10.829
2) JSWEL	17.150	304.413	Total	137.043	2401.465
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.696	481.572
4) RPL(AMT)	19.848	418.243	b) Mumbai Drawl	32.514	482.199
5) SWPGPL	7.142	93.407	c) MSEDCL Bilateral *	24.273	609.827
6) Other IPP	6.803	118.381	Include PX	-5.472	130.350
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.546	478.816
C) 1) TPCL Thermal	10.951	187.817	Include PX	15.924	230.556
2) TPCL Hydro	2.053	81.208	Standby	0.150	2.756
3) TPCL Gas	2.670	38.414	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.211	101.664	1) MSEDCL	369.096	6489.681
D) STATE			2) Mumbai Discoms	52.399	891.302
1) Thermal	236.007	4047.564	TOTAL STATE	421.495	7380.983
(A1+C1+C4+(B1-B6))					
2) Hydro	10.244	317.628			
(A2+C2)					
3) Gas	5.900	116.044			
(A3+B7+C3)					
4) Wind	26.351	402.466			
6) SOLAR	5.950	95.816			
TOTAL STATE	284.452	4979.518			

* 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 3 Hrs
MSPGCL Thermal	4304	4123	4663	4126
MSPGCL Hydro	319	375	324	251
MSPGCL Gas	119	107	162	123
MSPGCL Total Generation	4742	4605	5149	4500
Central Sector Receipt	6557	6576	5272	5133
WIND	852	951	1685	701
CPP / IPP Thermal	5475	4388	5331	4891
CPP / IPP Gas	0	0	0	0
SOLAR	372	683	0	0
Exchange with Mumbai	-1368	-1791	-1440	-1069
MSEDCL DEMAND MET	16630	15412	15997	14156
Load Shedding	0	0	0	0
MSEDCL DEMAND	16630	15412	15997	14156
TPCL GENERATION	558	699	681	529
AEML GENERATION	232	149	167	148
MUMBAI DEMAND	2158	2639	2288	1746
STATE DEMAND MET	18788	18051	18285	15902
STATE DEMAND	18788	18051	18285	15902
Frequency (Hz)	50.04	50.00	49.90	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 08.02 Hrs	49.69 Hz at 19.40 Hrs	49.98	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 16/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	11.49	152.23	530	407
Unit 9	4.57	103.12	370	0
Unit 10	11.13	109.53	505	383
Total	27.19	364.88		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.08	128.49	415	285
Unit 5	6.08	128.23	380	200
Total	14.17	256.72		
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	3.39	52.74	152	122
Unit 4	3.70	36.84	170	116
Unit 5	8.51	122.70	392	280
Unit 6	8.27	116.04	390	280
Unit 7	6.62	20.21	296	237
Unit 8	9.79	161.88	445	275
Unit 9	0.00	138.21	0	0
Total	40.28	648.63		
Paras				
Unit 3	3.97	72.20	188	148
Unit 4	4.13	41.48	215	148
Total	8.10	113.68		
Khaparkheda				
Unit 1	0.00	7.76	0	0
Unit 2	0.02	35.70	15	0
Unit 3	0.05	41.57	50	0
Unit 4	0.26	42.26	133	0
Unit 5	9.48	167.78	455	310
Total	9.81	295.06		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.54	40.12	192	126
Total	3.54	54.22		
Uran				
All Units	3.23	77.63	213	107
Total	3.23	77.63		
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)	0.10	3.63	27	0
Total	0.10	3.63		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.78	51.08	310	35
Stage 4	0.16	63.99	125	0
Stage 3	1.04	33.22	80	0
Total	2.98	148.29		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.16	0	0
BHIRA T.R.	0.34	6.75	40	0
SMLHY_PTN	4.87	77.54	210	196
GHATGHAR	0.00	2.68	0	0
Total	5.21	88.13		
Wind				
Total	26.35	402.47	0	0
Total	26.35	402.47		
CPP				
APML(Mus)	66.81	1068.37	0	0
JSWEL(Mus)	17.15	304.41	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.85	418.24	0	0
SWPGPL-Mus	7.14	93.41	0	0
Other(Mus)	6.80	118.38	0	0
Total	117.76	2002.81		
SOLAR				
Total	5.95	95.82	0	0
Total	5.95	95.82		
Tata				
Trombay 5	7.10	152.75	382	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.49	21.22	62	62
Trombay 7B	1.18	17.20	50	49
Trombay 8	3.85	35.06	215	135
TATA Hydro	2.05	81.21	169	0
Total	15.67	307.44		
AEML				
DTPS U-1&2	4.21	101.66	252	146
Total	4.21	101.66		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	103.09	1755.27	MSPGCL Total	114.51	2069.32
			MSPGCL Thml+Gas	106.32	1832.90	Koyna 1,2 & 4 Total	1.94	115.07
			MSPGCL Hydro	8.19	236.42	State Total	284.45	4979.52

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	4452	327	123	4902	746	5272	0	0	5087	4726	-1305	14341	0	14341	1980	16321	49.99
2	4260	325	124	4709	681	5017	0	0	5158	5123	-1168	14362	0	14362	1843	16205	50.00
3	4126	251	123	4500	701	4891	0	0	5354	5133	-1069	14156	0	14156	1746	15902	49.99
4	4130	248	114	4492	907	4774	0	0	5422	5093	-1006	14260	0	14260	1682	15942	50.04
5	4093	247	123	4463	999	4744	0	0	5416	5298	-999	14505	0	14505	1675	16180	49.98
6	4157	379	123	4659	1040	5185	0	0	5468	5529	-1055	15358	0	15358	1730	17088	50.02
7	4473	344	121	4938	864	5439	0	58	6000	5952	-898	16353	0	16353	1789	18142	49.99
8	4415	314	119	4848	765	5492	0	201	6385	6367	-1039	16634	0	16634	1930	18564	49.99
9	4304	319	119	4742	852	5475	0	372	6680	6557	-1368	16630	0	16630	2158	18788	50.04
10	4227	360	109	4696	658	5396	0	550	6746	6621	-1649	16272	0	16272	2394	18666	49.98
11	4217	359	117	4693	778	5090	0	686	7017	6669	-1771	16145	0	16145	2576	18721	49.92
12	4172	359	117	4648	932	4677	0	776	7019	6722	-1803	15952	0	15952	2649	18601	49.99
13	4123	375	107	4605	951	4388	0	683	7067	6576	-1791	15412	0	15412	2639	18051	50.00
14	3895	387	118	4400	1226	4094	0	693	6990	6475	-1724	15164	0	15164	2534	17698	50.03
15	3775	342	117	4234	1445	3791	0	711	6724	6525	-1662	15044	0	15044	2545	17589	49.98
16	3871	283	120	4274	1292	3824	0	557	6543	6903	-1503	15347	0	15347	2505	17852	49.97
17	4034	300	109	4443	1367	3952	0	418	6286	6303	-1463	15020	0	15020	2457	17477	50.00
18	4263	271	130	4664	1476	4249	0	219	5939	5958	-1529	15037	0	15037	2374	17411	49.94
19	4428	237	140	4805	1617	4718	0	26	5700	5597	-1518	15245	0	15245	2332	17577	49.97
20	4663	324	162	5149	1685	5331	0	0	5565	5272	-1440	15997	0	15997	2288	18285	49.90
21	4766	400	183	5349	1602	5446	0	0	5025	4863	-1302	15958	0	15958	2240	18198	49.92
22	4756	590	198	5544	1285	5529	0	0	4585	4398	-1220	15536	0	15536	2171	17707	49.89
23	4749	528	201	5478	1186	5517	0	0	4389	4272	-1090	15363	0	15363	2116	17479	49.94
24	4741	322	213	5276	1296	5464	0	0	4693	4111	-1142	15005	0	15005	2046	17051	49.98
MUs	103.09	8.19	3.23	114.51	26.35	117.75	0.00	5.95	141.26	137.04	-32.51	369.10	0.00	369.10	52.40	421.49	49.98

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 16/Jul/2021

Position as on 6.30 Hrs of 17/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	JSW (J) U3	300	09/07/2021	12.12		Continued.	Annual Overhaul	
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	
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	Koradi Unit 9	660	11/07/2021	12.10	16/07/2021	08.10	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	12/07/2021	18.00		Continued.	Zero Schedule.	
AEML	AEML Unit 1	250	13/07/2021	12.43	17/07/2021	06.11	Turbine balancing work.	
MSPGCL	Uran Unit B0	120	15/07/2021	13.45	16/07/2021	23.41	Gas shortage	
MSPGCL	Uran Unit 8	108	15/07/2021	13.45	16/07/2021	17.30	Gas shortage	
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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 17/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT II @ Aurangabad (Ektuni)	IntraState	16/07/2021	13.18	16/07/2021	17.55	EO	160 deg hotspot on tower of ICT 2 (IV) of R ph. There are four no. of tower between 765kv & 400kv switch yard and both ICT-1 and ICT -2 are on same tower.
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	17/07/2021	20.42		Continued.	T	Smoothing reactor oil pressure high.
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(MS)- Dhule(BDTCL) -1	InterState	17/07/2021	13.30	17/07/2021	14.30	PO	Attending LV side R-ph isolator problem (Thermovision temp 111 deg cel) PNRV closed.
Khadka - Bableshtar	IntraState	06/07/2021	10.29	17/07/2021	15.15	PO	Samruddhi Expressway crossing 400kv Tower Erection ,stringing and dismantling work.
Girwali - Lonikand 1	IntraState	14/07/2021	09.29		Continued.	PO	Dismantling / De-stringing, tower erection and stringing work between span 258-259 for LILO arrangement to proposed 400kv karjat station.
Padghe - Nagothane - I	IntraState	16/07/2021	18.42	16/07/2021	20.50	EO	SF6 gas lockout contactor found burn due to DC leakage.
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.
400/220/33 Kv 315 Mva ICT 2 @Padghe	IntraState	16/07/2021	07.13	16/07/2021	10.02	PO	1) testing work (220kv Bus Bar) 2) Premonsoon maint work 3) Attending HotSpot on LV Side.
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	16/07/2021	08.25	16/07/2021	16.27	PO	Routine Maintenance Work
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	16/07/2021	10.13	16/07/2021	14.23	PO	1) LBB Relay Testing 2) Hot Spot attending work on IV Yph Bushing 117 deg.
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	17/07/2021	15.42	17/07/2021	16.42	EO	Attending LV side R-ph isolator problem (Thermovision temp 111 deg cel) PNRV problem
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)
Butibori 3-Butibori 1	InterState	16/07/2021	16.00	16/07/2021	17.41	PO	Commissioning of PT selection panel work.
Boiser(M)-Boiser(PG) -III	InterState	17/07/2021	09.00	17/07/2021	18.00	PO	Replacement of 3 nos. of 220kv CT by spare CTs.
Dhule-Chalisagaon	IntraState	16/07/2021	10.04	16/07/2021	13.27	PO	String replacement work.
Parly-Parly Extn-I	IntraState	16/07/2021	10.06	16/07/2021	14.30	PO	Oil top-up.
Wardha Butibori-III	IntraState	16/07/2021	11.06	16/07/2021	12.40	PO	Line Maintenance work
Parly-Parly Extn.-II	IntraState	16/07/2021	13.30	16/07/2021	15.27	PO	Oil top up work by Genco.
Trombay - Mulund	IntraState	16/07/2021	14.06	16/07/2021	20.22	PO	Stringing of OPGW cable from Loc.No.65 to 73.
Butibori - VIPL Ckt II	IntraState	16/07/2021	14.06	16/07/2021	15.08	PO	Commissioning of PT selection panel work.
Wadkhal(GIS)-JSW(GIS) I	IntraState	16/07/2021	17.50		Continued.	PO	For replacement of existing 1200/1A GIS metering CTs with

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 16/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 17/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							new 1600/1A GIS CTs.
KORADI 2 - KAULEWADA CKT - I	IntraState	17/07/2021	07.39	17/07/2021	18.01	PO	Replacement of flash suspension disc string of Y ph loc 214, Rph at loc 232,278,277,330. B-ph at 327.
Trombay - Mulund	IntraState	17/07/2021	11.09	17/07/2021	20.03	PO	Stringing of OPGW cable from Loc no.65 to 73.
Butibori - Purti	IntraState	17/07/2021	11.55	17/07/2021	12.36	T	Bus bar of bus 1 operated.
Butibori - VIPL Ckt I	IntraState	17/07/2021	11.55	17/07/2021	13.11	T	Bus bar of bus 1 operated.
Butibori - Wardha	IntraState	17/07/2021	11.55	17/07/2021	14.36	T	Jumper broken at butibori end.
Abhijeet-Wardha-I	IntraState	17/07/2021	12.05	17/07/2021	12.26	T	Bus bar operated.
Abhijeet-Wardha-II	IntraState	17/07/2021	12.05	17/07/2021	12.34	T	Bus bar operated.
Ambazari-Abhijeet	IntraState	17/07/2021	12.05	17/07/2021	12.28	T	Bus bar operated.
Butibori-Abhijeet	IntraState	17/07/2021	12.05	17/07/2021	12.56	HT	Normalize and shift the ckt on main CB.
Bableshtar Ahamadnagar-II	IntraState	17/07/2021	12.36	17/07/2021	15.56	PO	LLB, CT Tan Delta testing.
Chalisgaon -Babhaleshtar	IntraState	17/07/2021	13.17	17/07/2021	16.21	PO	Attending flashover string at loc no.279 R-ph.
Wardha Butibori-III	IntraState	17/07/2021	14.52		Continued.	T	Distance Protection

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