

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Jul/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.734	1864.007	1) Gujrat	-11.692	-115.724
2) Hydro	8.192	244.612	2) Madhya Pradesh	4.320	102.321
3) Gas	6.283	83.913	3) Chattisgarh	3.920	69.770
Total MSPGCL	123.209	2192.532	4) Maharashtra	138.211	2490.686
B) 1) APLM	69.426	1137.792	5) Goa (Amona)	-0.644	-11.473
2) JSWEL	14.530	318.943	Total	134.115	2535.580
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.255	506.828
4) RPL(AMT)	20.174	438.417	b) Mumbai Drawl	28.040	510.239
5) SWPGPL	7.202	100.609	c) MSEDCL Bilateral *	19.447	629.273
6) Other IPP	6.836	125.217	Include PX	-7.268	123.082
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.255	504.071
C) 1) TPCL Thermal	10.605	198.422	Include PX	11.865	242.421
2) TPCL Hydro	2.037	83.245	Standby	0.000	2.756
3) TPCL Gas	2.632	41.046	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.042	109.706	1) MSEDCL	378.107	6867.788
D) STATE			2) Mumbai Discoms	51.356	942.658
1) Thermal	245.549	4293.113	TOTAL STATE	429.463	7810.446
(A1+C1+C4+(B1-B6))					
2) Hydro	10.229	327.857			
(A2+C2)					
3) Gas	8.915	124.959			
(A3+B7+C3)					
4) Wind	24.131	426.597			
6) SOLAR	6.524	102.340			
TOTAL STATE	295.348	5274.866			

* 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 5 Hrs
MSPGCL Thermal	4679	4324	4917	4150
MSPGCL Hydro	344	339	353	323
MSPGCL Gas	263	256	250	266
MSPGCL Total Generation	5286	4919	5520	4739
Central Sector Receipt	6152	6409	5740	4986
WIND	619	818	1031	1305
CPP / IPP Thermal	5305	4365	5525	4224
CPP / IPP Gas	0	0	0	0
SOLAR	728	832	0	0
Exchange with Mumbai	-1342	-1417	-1076	-974
MSEDCL DEMAND MET	16748	15926	16740	14280
Load Shedding	0	0	0	0
MSEDCL DEMAND	16748	15926	16740	14280
TPCL GENERATION	593	698	816	530
AEML GENERATION	424	397	436	152
MUMBAI DEMAND	2359	2512	2328	1656
STATE DEMAND MET	19107	18438	19068	15936
STATE DEMAND	19107	18438	19068	15936
Frequency (Hz)	50.06	49.95	49.95	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 16.18 Hrs	49.74 Hz at 19.19 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 17/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	10.57	162.80	481	355
Unit 9	8.99	112.11	400	345
Unit 10	10.82	120.34	500	349
Total	30.38	395.25		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.40	136.89	460	280
Unit 5	7.06	135.30	430	220
Total	15.46	272.19		
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	3.35	56.09	150	123
Unit 4	3.56	40.41	168	116
Unit 5	8.68	131.39	405	275
Unit 6	8.36	124.41	380	280
Unit 7	6.35	26.56	325	225
Unit 8	10.04	171.92	440	306
Unit 9	0.00	138.21	0	0
Total	40.35	688.98		
Paras				
Unit 3	4.12	76.33	203	158
Unit 4	4.36	45.84	240	150
Total	8.48	122.17		
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	10.59	178.37	480	320
Total	10.59	305.65		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.47	43.59	194	126
Total	3.47	57.69		
Uran				
All Units	6.28	83.91	274	245
Total	6.28	83.91		
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)	0.16	3.79	24	0
Total	0.16	3.79		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.44	52.52	225	35
Stage 4	0.13	64.12	126	0
Stage 3	1.38	34.60	80	0
Total	2.95	151.24		
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.	0.35	7.10	40	0
SMLHY_PTN	4.89	82.44	214	196
GHATGHAR	0.00	2.68	0	0
Total	5.24	93.38		
Wind				
Total	24.13	426.60	0	0
Total	24.13	426.60		
CPP				
APML(Mus)	69.43	1137.79	0	0
JSWEL(Mus)	14.53	318.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	20.17	438.42	0	0
SWPGPL-Mus	7.20	100.61	0	0
Other(Mus)	6.84	125.22	0	0
Total	118.17	2120.98		
SOLAR				
Total	6.52	102.34	0	0
Total	6.52	102.34		
Tata				
Trombay 5	6.96	159.71	386	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.46	22.68	62	60
Trombay 7B	1.17	18.37	50	48
Trombay 8	3.65	38.71	219	137
TATA Hydro	2.04	83.24	239	0
Total	15.27	322.71		
AEML				
DTPS U-1&2	8.04	109.71	501	150
Total	8.04	109.71		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.73	1864.01
MSPGCL Thml+Gas	115.02	1947.92
MSPGCL Hydro	8.19	244.61

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	123.21	2192.53
Koyna 1,2 & 4 Total	1.57	116.63
State Total	295.35	5274.87

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Jul/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4520	322	266	5108	1454	5092	0	0	4522	4273	-1233	14694	0	14694	1914	16608	50.01
2	4505	317	267	5089	1419	4843	0	0	4192	4251	-1116	14486	0	14486	1798	16284	50.04
3	4342	323	257	4922	1477	4432	0	0	4647	4492	-1025	14298	0	14298	1706	16004	50.03
4	4155	339	266	4760	1401	4025	0	0	4783	5094	-982	14298	0	14298	1661	15959	50.03
5	4150	323	266	4739	1305	4224	0	0	5099	4986	-974	14280	0	14280	1656	15936	50.04
6	4447	318	273	5038	899	4904	0	0	5317	5737	-1033	15545	0	15545	1715	17260	50.02
7	4764	323	264	5351	713	5392	0	62	5865	5506	-1041	15983	0	15983	1762	17745	50.05
8	4795	316	254	5365	609	5398	0	231	6089	6266	-1042	16827	0	16827	1903	18730	50.05
9	4796	321	263	5380	557	5374	0	482	6267	6020	-982	16831	0	16831	2134	18965	50.04
10	4679	344	263	5286	619	5305	0	728	6508	6152	-1342	16748	0	16748	2359	19107	50.06
11	4514	355	259	5128	557	5074	0	752	6677	6283	-1504	16290	0	16290	2508	18798	49.97
12	4457	366	249	5072	660	4764	0	829	6794	6466	-1459	16332	0	16332	2556	18888	50.00
13	4324	339	256	4919	818	4365	0	832	6881	6409	-1417	15926	0	15926	2512	18438	49.95
14	3983	295	257	4535	795	4096	0	853	6819	6382	-1354	15307	0	15307	2401	17708	50.00
15	4289	587	245	5121	820	4076	0	632	6583	6766	-1375	16040	0	16040	2393	18433	49.96
16	4619	387	260	5266	764	4450	0	520	6431	6231	-1378	15853	0	15853	2389	18242	50.00
17	4499	364	271	5134	899	4885	0	360	6163	5929	-1324	15883	0	15883	2349	18232	50.05
18	4468	293	262	5023	1170	5036	0	209	5884	5802	-1261	15979	0	15979	2308	18287	50.05
19	4518	258	262	5038	851	5184	0	34	5976	5915	-1200	15822	0	15822	2280	18102	49.99
20	4917	353	250	5520	1031	5525	0	0	5950	5740	-1076	16740	0	16740	2328	19068	49.95
21	4919	339	265	5523	1284	5459	0	0	5475	5356	-870	16752	0	16752	2306	19058	50.02
22	4882	344	267	5493	1370	5467	0	0	4875	4785	-917	16198	0	16198	2212	18410	50.05
23	4676	334	267	5277	1326	5397	0	0	4993	4710	-1050	15660	0	15660	2136	17796	50.03
24	4516	332	274	5122	1333	5401	0	0	4855	4564	-1085	15335	0	15335	2070	17405	50.04
MUs	108.73	8.19	6.28	123.21	24.13	118.17	0.00	6.52	137.65	134.12	-28.04	378.11	0.00	378.11	51.36	429.46	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 17/Jul/2021

Position as on 6.30 Hrs of 18/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	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	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 17/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 18/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/Trippings							
HVDC Pole-I	IntraState	17/07/2021	20.42	18/07/2021	00.36	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.
Dabhol New koyna I	InterState	18/07/2021	04.45	18/07/2021	06.09	T	Distance Protection
Khadka - Bableshwar	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.
New Koyna - Dabhol-I	IntraState	18/07/2021	04.45	18/07/2021	06.09	T	Distance Protection
Padghe - Kalwa- I	IntraState	18/07/2021	11.58	18/07/2021	15.37	PO	Insulator replacement work in Anand Nagar MIDC area.
Khadka-Aurangabad (Waluj)	IntraState	18/07/2021	18.02		Continued.	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	18/07/2021	21.21		Continued.	T	Distance Protection
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 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
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	18/07/2021	06.10	18/07/2021	09.33	HT	Attending Hot Spot
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)
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.
Boisar Tarapur	InterState	18/07/2021	03.29	18/07/2021	04.54	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.
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 - Wardha	IntraState	17/07/2021	11.55	17/07/2021	14.36	T	Jumper broken at butibori end.
Butibori - VIPL Ckt I	IntraState	17/07/2021	11.55	17/07/2021	13.11	T	Bus bar of bus 1 operated.
Butibori - Purti	IntraState	17/07/2021	11.55	17/07/2021	12.36	T	Bus bar of bus 1 operated.
Abhijeet-Wardha-li	IntraState	17/07/2021	12.05	17/07/2021	12.34	T	Bus bar operated.
Abhijeet-Wardha-I	IntraState	17/07/2021	12.05	17/07/2021	12.26	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.
Ambazari-Abhijeet	IntraState	17/07/2021	12.05	17/07/2021	12.28	T	Bus bar operated.
Bableshwar Ahamadnagar-li	IntraState	17/07/2021	12.36	17/07/2021	15.56	PO	LLB, CT Tan Delta testing.
Chalisingaon -Babhaleshwar	IntraState	17/07/2021	13.17	17/07/2021	16.21	PO	Attending flashover string at loc

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 17/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 18/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							no.279 R-ph.
Wardha Butibori-III	IntraState	17/07/2021	14.52	18/07/2021	07.10	T	Distance Protection
Nerul-Trombay	IntraState	18/07/2021	01.53	18/07/2021	06.26	T	Distance Protection
Purti-Bhugaon	IntraState	18/07/2021	02.11	18/07/2021	03.26	HT	To attend 220kv Wardha-Butibori ckt-3 breakdown.
Walchandnagar-Bhigwan	IntraState	18/07/2021	12.54	18/07/2021	13.41	EO	To remove Kite flying thread hanging on Y-ph CT of 220 kV Walchandnagar bay at Bhigwan.
Trombay - Mulund	IntraState	18/07/2021	13.19	18/07/2021	17.57	PO	Stringing of OPGW cable from Loc. no. 65 to 71.
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	18/07/2021	06.55		Continued.	T	Bucholz trip indication.
220/22 Kv 50 Mva Emco Ptr 2 @Colourchem	IntraState	18/07/2021	09.35	18/07/2021	17.20	PO	For replacement of faulty Aircell with new Aircell and its commissioning. R&M Work of Bay.
220 Kv /132 Kv 100 Mva Ptr @Chitegaon	IntraState	18/07/2021	11.03		Continued.	PO	Attending oil leakage from main tank.
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	18/07/2021	12.05		Continued.	EO	To attend Due to failure of RET670 (Main protection unit) and REC670 9Backup protection unit).

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