

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Jul/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.035	1967.042	1) Gujrat	-7.158	-122.882
2) Hydro	7.972	252.584	2) Madhya Pradesh	4.965	107.286
3) Gas	5.916	89.829	3) Chattisgarh	3.670	73.440
Total MSPGCL	116.923	2309.455	4) Maharashtra	135.536	2626.222
B) 1) APML	59.679	1197.471	5) Goa (Amona)	-0.173	-11.646
2) JSWEL	14.754	333.697	Total	136.840	2672.420
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.884	527.712
4) RPL(AMT)	15.747	454.164	b) Mumbai Drawl	24.786	535.025
5) SWPGPL	6.348	106.957	c) MSEDCL Bilateral *	24.504	653.777
6) Other IPP	6.280	131.497	Include PX	0.278	123.359
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.884	524.956
C) 1) TPCL Thermal	10.372	208.794	Include PX	6.938	249.359
2) TPCL Hydro	0.823	84.068	Standby	0.000	2.756
3) TPCL Gas	2.592	43.638	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.014	116.720	1) MSEDCL	369.381	7237.169
D) STATE			2) Mumbai Discoms	45.587	988.245
1) Thermal	223.229	4516.342	TOTAL STATE	414.968	8225.414
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	8.795	336.652			
3) Gas (A3+B7+C3)	8.508	133.467			
4) Wind	31.477	458.074			
6) SOLAR	6.119	108.459			
TOTAL STATE	278.128	5552.994			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4399	3848	4674	4213
MSPGCL Hydro	278	290	427	330
MSPGCL Gas	251	249	241	251
MSPGCL Total Generation	4928	4387	5342	4794
Central Sector Receipt	6537	6320	5484	5185
WIND	958	1666	1531	1250
CPP / IPP Thermal	4235	3545	4618	4241
CPP / IPP Gas	0	0	0	0
SOLAR	623	752	0	0
Exchange with Mumbai	-1117	-1087	-1133	-829
MSEDCL DEMAND MET	16164	15583	15842	14641
Load Shedding	0	0	0	0
MSEDCL DEMAND	16164	15583	15842	14641
TPCL GENERATION	527	627	616	527
AEML GENERATION	286	285	285	287
MUMBAI DEMAND	1930	1999	2034	1643
STATE DEMAND MET	18094	17582	17876	16284
STATE DEMAND	18094	17582	17876	16284
Frequency (Hz)	50.03	50.03	50.02	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 23.59 Hrs	49.84 Hz at 11.06 Hrs	50.03	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 18/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	10.97	173.77	503	351
Unit 9	9.79	121.90	445	330
Unit 10	10.29	130.63	495	350
Total	31.05	426.31		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.29	144.18	455	280
Unit 5	7.28	142.58	385	280
Total	14.57	286.76		
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	3.18	59.27	152	121
Unit 4	3.23	43.64	173	119
Unit 5	7.56	138.95	380	280
Unit 6	7.48	131.89	395	265
Unit 7	6.83	33.39	360	260
Unit 8	8.91	180.83	430	277
Unit 9	0.00	138.21	0	0
Total	37.19	726.17		
Paras				
Unit 3	3.79	80.12	177	146
Unit 4	3.77	49.60	173	149
Total	7.56	129.72		
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	9.52	187.89	480	300
Total	9.52	315.17		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.15	46.74	135	127
Total	3.15	60.84		
Uran				
All Units	5.92	89.83	254	239
Total	5.92	89.83		
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)	0.04	3.83	12	0
Total	0.04	3.83		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.52	54.04	245	40
Stage 4	0.00	64.12	0	0
Stage 3	1.43	36.03	224	0
Total	2.95	154.18		
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.	0.38	7.48	40	0
SMLHY_PTN	4.64	87.08	207	158
GHATGHAR	0.00	2.68	0	0
Total	5.02	98.40		
Wind				
Total	31.48	458.07	0	0
Total	31.48	458.07		
CPP				
APML(Mus)	59.68	1197.47	0	0
JSWEL(Mus)	14.75	333.70	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	15.75	454.16	0	0
SWPGPL-Mus	6.35	106.96	0	0
Other(Mus)	6.28	131.50	0	0
Total	102.81	2223.79		
SOLAR				
Total	6.12	108.46	0	0
Total	6.12	108.46		
Tata				
Trombay 5	6.85	166.56	342	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.44	24.12	60	60
Trombay 7B	1.15	19.52	49	47
Trombay 8	3.52	42.23	188	137
TATA Hydro	0.82	84.07	89	0
Total	13.79	336.50		
AEML				
DTPS U-1&2	7.01	116.72	349	282
Total	7.01	116.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	103.04	1967.04	MSPGCL Total	116.92	2309.46
			MSPGCL Thml+Gas	108.95	2056.87	Koyna 1,2 & 4 Total	1.52	118.15
			MSPGCL Hydro	7.97	252.58	State Total	278.13	5552.99

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	4484	327	252	5063	1583	5391	0	0	4364	4365	-1092	15310	0	15310	1946	17256	50.07
2	4179	337	254	4770	1464	4988	0	0	4544	4519	-976	14765	0	14765	1784	16549	50.03
3	4133	332	241	4706	1413	4454	0	0	5133	5041	-885	14729	0	14729	1704	16433	50.01
4	4213	330	251	4794	1250	4241	0	0	5263	5185	-829	14641	0	14641	1643	16284	50.02
5	4236	329	241	4806	1106	4378	0	0	5325	5708	-804	15194	0	15194	1617	16811	50.02
6	4453	328	252	5033	1155	4639	0	0	5432	5384	-821	15390	0	15390	1642	17032	50.05
7	4761	317	242	5320	885	4967	0	50	6348	5571	-813	15980	0	15980	1643	17623	50.05
8	4661	311	250	5222	858	4637	0	254	6505	6327	-876	16422	0	16422	1702	18124	50.04
9	4665	289	239	5193	940	4486	0	478	6196	6185	-998	16284	0	16284	1808	18092	50.03
10	4399	278	251	4928	958	4235	0	623	6433	6537	-1117	16164	0	16164	1930	18094	50.03
11	4270	290	239	4799	1036	4070	0	804	6708	6512	-1197	16024	0	16024	2034	18058	50.02
12	4066	307	250	4623	1031	4007	0	812	6816	6543	-1099	15917	0	15917	2094	18011	49.95
13	4063	288	251	4602	1119	4045	0	733	6368	6046	-1073	15472	0	15472	2102	17574	50.04
14	3999	286	240	4525	1259	3950	0	905	6200	5929	-1084	15484	0	15484	2041	17525	50.04
15	3848	290	249	4387	1666	3545	0	752	6424	6320	-1087	15583	0	15583	1999	17582	50.03
16	4021	293	242	4556	1555	3546	0	399	6251	6207	-1101	15162	0	15162	1963	17125	50.03
17	4160	284	251	4695	1501	3735	0	209	6211	6187	-1062	15265	0	15265	1913	17178	50.01
18	4221	369	243	4833	1164	3788	0	77	6034	6096	-1079	14879	0	14879	1922	16801	50.00
19	4473	432	252	5157	1203	4217	0	23	5741	5746	-1107	15239	0	15239	1977	17216	50.03
20	4674	427	241	5342	1531	4618	0	0	5992	5484	-1133	15842	0	15842	2034	17876	50.02
21	4283	355	250	4888	1555	4390	0	0	5765	5621	-1157	15297	0	15297	2056	17353	50.02
22	4200	506	242	4948	1707	4169	0	0	5361	5414	-1156	15082	0	15082	2041	17123	50.03
23	4374	342	251	4967	1716	4209	0	0	5448	5061	-1134	14819	0	14819	2017	16836	50.04
24	4199	325	242	4766	1822	4103	0	0	5361	4852	-1106	14437	0	14437	1975	16412	50.09
MUs	103.03	7.97	5.92	116.92	31.48	102.81	0.00	6.12	140.22	136.84	-24.79	369.38	0.00	369.38	45.59	414.97	50.03

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 18/Jul/2021

Position as on 6.30 Hrs of 19/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.	
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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 19/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
Dabhol New koyna I	InterState	18/07/2021	04.45	18/07/2021	06.09	T	Distance Protection
Girwali - Lonikand 1	IntraState	14/07/2021	09.29		Continued.	PO	Dismantling / De-stringning, 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	19/07/2021	08.58	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 Kv 500 MVA ICT-III @Kalwa	IntraState	18/07/2021	06.10	18/07/2021	09.33	HT	Attending Hot Spot
400/220/33 Kv 315 MVA ICT-I @Aurangabad (Waluj)	IntraState	19/07/2021	11.02		Continued.	PO	Overhauling Of PG Isolator Work.
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	18/07/2021	03.29	18/07/2021	04.54	T	Distance Protection
Solapur(PG)- Jeur	InterState	19/07/2021	15.37	19/07/2021	20.16	PO	Outage Is Required For Replacement Of Jump Of Bus Isolator 220KV PGCIL Bay Due To Hotspot Aluminium Strands Found Cut.
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.
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.
New Koyna - Pedambe	IntraState	19/07/2021	08.50	19/07/2021	14.38	PO	Bus Isolator TO CB Conductor Replacement And Bay Maintenance.
Khaparkheda-Ambazari-Ii	IntraState	19/07/2021	09.29	19/07/2021	15.02	PO	Line Maintenance work
Bableshwar- Bableshwar-I	IntraState	19/07/2021	10.49	19/07/2021	19.51	PO	Distance Relay And B/U Relay Testing.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	19/07/2021	10.53	19/07/2021	16.44	PO	Outage For PT Extension & CT Separation Work.
Pusad-WardhaPG(Deoli)	IntraState	19/07/2021	12.43	19/07/2021	17.26	PO	Routine Maintenance Work
BHIRA (T) - KARANJADE CKT - 7	IntraState	19/07/2021	12.55	19/07/2021	16.17	EO	Sparking On B-Phase Loop At LOC No.130.

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 18/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 19/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Valve-Jamde	IntraState	19/07/2021	12.57	19/07/2021	17.00	PO	REPLACEMENT OF FLASHOVER STRING AT LOCATION NO.17 AND28 OBSERVED DURING MONKEY PATROLLING.
Oni Kharepatan Line	IntraState	19/07/2021	13.36	19/07/2021	19.25	T	R-Phase Burst. At 220KV Kharepatan Of Oni Line.
Harangul-Parly	IntraState	19/07/2021	13.42	19/07/2021	19.47	PO	AMP Work At Line Terminal Equipment By Power grid.
Butibori-Butibori Rly Tss	IntraState	19/07/2021	14.38	19/07/2021	17.09	PO	COMMISSIONING WORK OF PT SELECTION PANEL.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	19/07/2021	19.10		Continued.	T	Distance Protection
Koyna (Pophali) - Kdph	IntraState	19/07/2021	20.25		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
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	19/07/2021	19.28	EO	To attend Due to failure of RET670 (Main protection unit) and REC670 9Backup protection unit).
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	19/07/2021	09.40	19/07/2021	19.07	PO	Testing And Maintenance Work.
220/33kv 125 MVA Transformer 2 @Gorai R/S	IntraState	19/07/2021	10.16		Continued.	T	Differential protection
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	19/07/2021	10.26	19/07/2021	16.44	PO	Replacement Of RCC Support Structure Of BP Is Under 220KV Bus With Lattice Type Support Structure And Separation Of Jump ICT 2 Bay & 220KV Ckt 1 Bay From Main Bus.

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