

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	73.358	1799.160	1) Gujrat	-7.099	33.560
2) Hydro	11.208	245.350	2) Madhya Pradesh	3.855	126.007
3) Gas	5.801	138.523	3) Chattisgarh	7.410	107.600
Total MSPGCL	90.367	2183.033	4) Maharashtra	128.878	2568.292
B) 1) APLM	69.465	644.782	5) Goa (Amona)	-1.690	-24.847
2) JSWEL	20.936	363.502	Total	131.354	2810.612
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.186	510.234
4) RPL(AMT)	24.843	464.206	b) Mumbai Drawl	24.449	454.730
5) SWPGPL	2.833	86.862	c) MSEDCL Bilateral *	30.545	739.005
6) Other IPP	8.631	148.372	Include PX	0.569	196.963
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.186	510.195
C) 1) TPCL Thermal	14.550	245.245	Include PX	15.506	277.627
2) TPCL Hydro	5.365	74.057	Standby	0.000	0.039
3) TPCL Gas	3.407	73.200	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.484	98.352	1) MSEDCL	372.512	6937.751
D) STATE			2) Mumbai Discoms	53.255	945.584
1) Thermal	220.100	3850.481	TOTAL STATE	425.767	7883.335
(A1+C1+C4+(B1-B6))					
2) Hydro	16.573	319.407			
(A2+C2)					
3) Gas	9.208	211.723			
(A3+B7+C3)					
4) Wind	41.912	571.193			
6) SOLAR	6.620	119.919			
TOTAL STATE	294.413	5072.723			

* 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	3155	3090	3144	3003
MSPGCL Hydro	639	372	465	362
MSPGCL Gas	227	246	249	238
MSPGCL Total Generation	4021	3708	3858	3603
Central Sector Receipt	6511	6154	5023	4987
WIND	1491	1791	2109	1512
CPP / IPP Thermal	5806	4861	5547	5199
CPP / IPP Gas	0	0	0	0
SOLAR	726	821	0	0
Exchange with Mumbai	-1072	-1257	-999	-967
MSEDCL DEMAND MET	17483	16078	15538	14334
Load Shedding	0	0	0	0
MSEDCL DEMAND	17483	16078	15538	14334
TPCL GENERATION	1156	1206	1094	571
AEML GENERATION	251	251	251	146
MUMBAI DEMAND	2479	2714	2344	1684
STATE DEMAND MET	19962	18792	17882	16018
STATE DEMAND	19962	18792	17882	16018
Frequency (Hz)	50.01	49.95	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 14.02 Hrs	49.73 Hz at 15.21 Hrs	49.99	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/Jun/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	0.00	3.87	0	0
Unit 9	8.78	118.63	438	265
Unit 10	9.04	194.76	450	330
Total	17.82	317.26		
Bhusawal				
Unit 3	0.00	9.52	0	0
Unit 4	0.00	103.37	0	0
Unit 5	0.00	73.02	0	0
Total	0.00	185.90		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	10.27	0	0
Total	0.00	10.27		
Chandrapur				
Unit 3	3.44	33.97	154	126
Unit 4	3.76	60.23	171	124
Unit 5	7.46	157.04	355	256
Unit 6	7.44	156.50	375	260
Unit 7	0.00	0.00	0	0
Unit 8	9.93	160.94	455	283
Unit 9	9.96	149.04	443	300
Total	41.99	717.72		
Paras				
Unit 3	0.00	42.62	0	0
Unit 4	0.00	47.54	0	0
Total	0.00	90.17		
Khaparkheda				
Unit 1	0.00	28.10	0	0
Unit 2	0.00	57.47	0	0
Unit 3	0.00	63.60	0	0
Unit 4	0.00	62.78	0	0
Unit 5	9.70	198.84	458	300
Total	9.70	410.78		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.85	67.06	197	124
Unit 5	0.00	0.00	0	0
Total	3.85	67.06		
Uran				
All Units	5.80	138.52	257	227
Total	5.80	138.52		
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)	0.54	7.32	25	20
Total	0.54	7.32		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.46	49.06	305	35
Stage 4	0.00	46.52	0	0
Stage 3	1.55	26.25	160	0
Total	4.00	121.84		
Hydro				
KDPH	0.00	1.50	0	0
VTRNA	0.73	13.92	60	0
TILLARI	1.39	12.24	58	58
BHIRA T.R.	0.45	4.72	57	0
SMLHY_PTN	4.36	86.93	191	175
GHATGHAR	0.27	4.21	125	0
Total	7.20	123.52		
Wind				
Total	41.91	571.19	0	0
Total	41.91	571.19		
CPP				
APML(Mus)	69.46	644.78	0	0
JSWEL(Mus)	20.94	363.50	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.84	464.21	0	0
SWPGPL-Mus	2.83	86.86	0	0
Other(Mus)	8.63	148.37	0	0
Total	126.71	1707.72		
SOLAR				
Total	6.62	119.92	0	0
Total	6.62	119.92		
Tata				
Trombay 5	9.74	158.87	454	281
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.05	45.89	117	71
Trombay 7B	1.36	27.31	68	53
Trombay 8	4.81	86.37	225	137
TATA Hydro	5.36	74.06	433	4
Total	23.32	392.50		
AEML				
DTPS U-1&2	5.48	98.35	252	146
Total	5.48	98.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	73.36	1799.16	MSPGCL Total	90.37	2183.03
			MSPGCL Thml+Gas	79.16	1937.68	Koyna 1,2 & 4 Total	2.46	95.58
			MSPGCL Hydro	11.21	245.35	State Total	294.41	5072.72

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/Jun/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	3022	365	238	3625	1553	5424	0	0	5348	4943	-1067	14478	0	14478	1876	16354	49.99
2	2944	357	248	3549	1577	5243	0	0	5299	4928	-1003	14294	0	14294	1767	16061	50.00
3	3003	362	238	3603	1512	5199	0	0	5183	4987	-967	14334	0	14334	1684	16018	50.01
4	3015	357	227	3599	1593	5207	0	0	5139	5062	-932	14529	0	14529	1639	16168	50.02
5	3047	360	248	3655	1438	5314	0	0	5339	5102	-913	14596	0	14596	1625	16221	50.01
6	3049	355	249	3653	1465	5688	0	0	5658	5474	-736	15544	0	15544	1657	17201	50.01
7	3107	322	249	3678	1323	5762	0	67	6604	6670	-653	16847	0	16847	1702	18549	49.99
8	3144	282	237	3663	1199	5756	0	224	6667	6831	-744	16929	0	16929	1877	18806	50.01
9	3217	614	247	4078	1373	5783	0	534	6316	6517	-934	17351	0	17351	2184	19535	49.97
10	3155	639	227	4021	1491	5806	0	726	6280	6511	-1072	17483	0	17483	2479	19962	50.01
11	3216	393	257	3866	1521	5739	0	821	6431	6522	-1352	17117	0	17117	2671	19788	50.03
12	3273	369	227	3869	1701	5241	0	866	6753	6049	-1370	16356	0	16356	2720	19076	49.96
13	3090	372	246	3708	1791	4861	0	821	6390	6154	-1257	16078	0	16078	2714	18792	49.95
14	3007	478	236	3721	1942	4584	0	751	6171	5647	-1152	15493	0	15493	2627	18120	50.06
15	2674	628	245	3547	2148	4385	0	728	6291	5804	-1209	15403	0	15403	2652	18055	49.98
16	2599	612	236	3447	2389	4337	0	541	5889	5762	-1195	15281	0	15281	2644	17925	49.92
17	2782	557	237	3576	2488	4388	0	346	5540	5623	-1181	15240	0	15240	2535	17775	49.99
18	2919	571	246	3736	2438	4541	0	167	5115	5399	-1110	15171	0	15171	2443	17614	49.98
19	3038	658	237	3933	2203	5040	0	28	5084	4778	-1040	14942	0	14942	2336	17278	49.95
20	3144	465	249	3858	2109	5547	0	0	5078	5023	-999	15538	0	15538	2344	17882	50.01
21	3215	459	238	3912	1817	5701	0	0	4800	4816	-949	15297	0	15297	2300	17597	50.02
22	3210	513	250	3973	1638	5793	0	0	4480	4308	-876	14836	0	14836	2252	17088	49.97
23	3242	616	238	4096	1475	5705	0	0	4294	4327	-836	14767	0	14767	2266	17033	49.96
24	3246	504	251	4001	1728	5664	0	0	4594	4117	-902	14608	0	14608	2261	16869	49.95
MUs	73.36	11.21	5.80	90.37	41.91	126.71	0.00	6.62	134.74	131.35	-24.45	372.51	0.00	372.51	53.25	425.77	49.99

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/Jun/2021

Position as on 6.30 Hrs of 19/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 6	80	22/04/2021	12.00		Continued.	UGC Oil Cooler Leakage.(Converted to Capital Overhaul from 08.00Hrs DT.23-4-2021)	25/06/2021
AEML	AEML Unit 1	250	19/05/2021	09.52		Continued.	HP turbine replacement.	
MSPGCL	Khaparkhedha Unit 1	210	11/06/2021	23.58		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	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
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	Nasik Unit 5	210	17/05/2021	12.50		Continued.	Zero schedule.	
IPP	SWPGPL U-4	135	08/06/2021	00.04		Continued.	Zero Schedule.	
IPP	SWPGPL U-3	135	08/06/2021	00.24		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	08/06/2021	00.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	08/06/2021	00.34		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	08/06/2021	13.15		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U4	300	09/06/2021	00.01	18/06/2021	11.32	CW Duct leakage	
MSPGCL	Paras Unit 3	250	10/06/2021	16.00		Continued.	Zero scheduled given by MSEDCL	
MSPGCL	Paras Unit 4	250	10/06/2021	17.00		Continued.	zero scheduled given by MSEDCL	
MSPGCL	Bhusawal Unit 4	500	11/06/2021	16.11		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	11/06/2021	16.35		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkhedha Unit 2	210	17/06/2021	00.27		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 5	108	17/06/2021	02.42		Continued.	Stator earth fault.	
MSPGCL	Khaparkhedha Unit 3	210	17/06/2021	02.54		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Jun/2021

Position as on 6.30 Hrs of 19/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	17/06/2021	15.54		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 5	500	19/06/2021	20.35		Continued.	Heater spray problem.	

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

Statement-VII

Position as on 6.30 Hrs of 19/Jun/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
karad -kolhapur-I	IntraState	18/06/2021	01.14	18/06/2021	09.02	HT	Over Voltage
Padghe - Kalwa-II	IntraState	18/06/2021	04.47	18/06/2021	06.40	T	Distance Protection
Warora -IEPL	IntraState	18/06/2021	07.28		Continued.	PO	Shifting of Line on Newly erected Tower
koaradi II - Wardha(PG)	IntraState	18/06/2021	08.26		Continued.	PO	Shifting of Line on Newly erected Tower
Padghe - Kalwa-II	IntraState	18/06/2021	13.16	18/06/2021	15.58	EO	Replacement of decapped Insulator string
Khadka-Aurangabad (Waluj)	IntraState	18/06/2021	20.22	19/06/2021	06.28	HT	Over Voltage
karad -kolhapur-II	IntraState	19/06/2021	01.05		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	19/06/2021	18.58		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	19/06/2021	20.11		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.(FTC DT 16/08/2021 At 14.42)
400/220kv 315MVA ICT-III @ Kharghar	IntraState	19/06/2021	09.00	19/06/2021	14.35	PO	For premonsoon activity i.e. polythene wrapping to Buchholz PRV etc. For pre-monsoon activity i.e. polythene wrapping to Buchholz PRV etc.
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	19/06/2021	11.15	19/06/2021	17.15	PO	LTS relay retrofitting 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)
Butibori 3-Butibori 1	InterState	18/06/2021	10.28	18/06/2021	15.04	PO	Testing Work
MSETCL Borivli Aarey 2	IntraState	07/06/2021	09.05		Continued.	PO	In Pointing Y-Ph Cable Sheath Fault Between Section JC-14 To JC-16.(sock test at 22.54 dt.03/07/21)
MSETCL Borivli Aarey 1	IntraState	17/06/2021	13.25		Continued.	T	Distance Protection (Charged only from Aarey end).10/Jul/2021 19.56 Soak Test.
Flagship-Chinchwad	IntraState	18/06/2021	04.29	18/06/2021	18.44	T	Distance Protection
Uran - Kharghar I	IntraState	18/06/2021	09.18	18/06/2021	09.58	T	Tripped at Kharghar end only
Chitegaon-Shendra Ckt-Ii	IntraState	18/06/2021	11.06	18/06/2021	17.34	EO	Crack observed on 220KV Y Phase LA top stack
Warora - Hinganghat	IntraState	18/06/2021	11.32	18/06/2021	15.40	PO	Testing Work
Waluj- Padegaon Ii	IntraState	18/06/2021	12.12	18/06/2021	22.22	PO	Reorientation of Line
Malegaon-Sayne	IntraState	18/06/2021	14.05	18/06/2021	16.33	PO	Quarterly Maintenance Work
KORADI 2 - KAULEWADA CKT - I	IntraState	18/06/2021	18.42	18/06/2021	20.06	T	Distance Protection
Waluj - Degaon Rangari	IntraState	19/06/2021	06.12	19/06/2021	11.12	HT	R-Ph WT jumper removes at Aurangabad end.
BHIRA (T) - KARANJADE CKT - 7	IntraState	19/06/2021	09.51	19/06/2021	19.50	PO	Conductor replacement in span 136 -137 DFCC work.
Malegaon-Sayne	IntraState	19/06/2021	14.05	19/06/2021	16.33	PO	Quarterly Maintainance Work
220 KV ICT Outages/Trippings							
220/132 KV 150MVA ICT I @ Boisar	IntraState	17/05/2021	11.19		Continued.	T	ICT Failed due to internal fault.
220/132 KV 200MVA ict 1@Nasik	IntraState	18/06/2021	10.04	18/06/2021	17.39	PO	Attending Oil Leakage

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/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 19/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
GCR							
220/132 kV 100MVA ICT I @ Balapur	IntraState	18/06/2021	10.15	18/06/2021	22.25	PO	Testing Work
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	18/06/2021	16.30	18/06/2021	21.24	T	Bucchohz Protection Optd
220kV 200MVA ICT IV @ OCR Nashik	IntraState	19/06/2021	10.04	19/06/2021	14.15	PO	Fire protection system through maintenance, testing & trials