

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	76.752	1725.802	1) Gujrat	-6.382	40.659
2) Hydro	11.404	234.142	2) Madhya Pradesh	5.750	122.152
3) Gas	6.256	132.722	3) Chattisgarh	7.850	100.190
Total MSPGCL	94.412	2092.666	4) Maharashtra	134.280	2439.414
B) 1) APML	64.130	575.317	5) Goa (Amona)	-1.365	-23.157
2) JSWEL	20.484	342.566	Total	140.133	2679.258
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.560	481.048
4) RPL(AMT)	20.928	439.363	b) Mumbai Drawl	23.942	430.281
5) SWPGPL	2.761	84.029	c) MSEDCL Bilateral *	36.628	708.460
6) Other IPP	7.850	139.741	Include PX	7.498	196.394
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.560	481.009
C) 1) TPCL Thermal	13.750	230.695	Include PX	15.504	262.121
2) TPCL Hydro	4.036	68.692	Standby	0.000	0.039
3) TPCL Gas	3.599	69.793	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.799	92.868	1) MSEDCL	379.721	6565.239
D) STATE			2) Mumbai Discoms	51.126	892.329
1) Thermal	212.454	3630.381	TOTAL STATE	430.847	7457.568
(A1+C1+C4+(B1-B6))					
2) Hydro	15.440	302.834			
(A2+C2)					
3) Gas	9.855	202.515			
(A3+B7+C3)					
4) Wind	46.341	529.281			
6) SOLAR	6.624	113.299			
TOTAL STATE	290.714	4778.310			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3353	3090	3140	3265
MSPGCL Hydro	504	429	585	390
MSPGCL Gas	241	250	241	229
MSPGCL Total Generation	4098	3769	3966	3884
Central Sector Receipt	6424	6325	5344	4862
WIND	2162	2318	1918	1878
CPP / IPP Thermal	5025	4406	5558	4530
CPP / IPP Gas	0	0	0	0
SOLAR	844	860	0	0
Exchange with Mumbai	-1293	-1183	-944	-785
MSEDCL DEMAND MET	17260	16495	15842	14369
Load Shedding	0	0	0	0
MSEDCL DEMAND	17260	16495	15842	14369
TPCL GENERATION	1053	1108	932	711
AEML GENERATION	252	250	251	251
MUMBAI DEMAND	2598	2541	2127	1747
STATE DEMAND MET	19858	19036	17969	16116
STATE DEMAND	19858	19036	17969	16116
Frequency (Hz)	50.00	50.06	49.96	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 12.03 Hrs	49.81 Hz at 14.13 Hrs	50	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/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	10.42	109.85	500	340
Unit 10	9.14	185.72	460	280
Total	19.56	299.44		
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	3.27	30.53	151	125
Unit 4	3.57	56.47	175	120
Unit 5	7.85	149.59	410	275
Unit 6	7.65	149.06	365	280
Unit 7	0.00	0.00	0	0
Unit 8	9.11	151.00	426	276
Unit 9	9.05	139.08	424	280
Total	40.50	675.73		
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	0.05	57.47	54	0
Unit 3	0.40	63.60	138	0
Unit 4	2.23	62.78	140	0
Unit 5	10.70	189.14	500	310
Total	13.38	401.08		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.32	63.21	179	125
Unit 5	0.00	0.00	0	0
Total	3.32	63.21		
Uran				
All Units	6.26	132.72	370	229
Total	6.26	132.72		
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)	0.49	6.78	22	19
Total	0.49	6.78		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.38	46.61	390	35
Stage 4	0.49	46.52	210	0
Stage 3	1.93	24.70	86	80
Total	4.80	117.83		
Hydro				
KDPH	0.00	1.50	0	0
VTRNA	0.73	13.18	60	0
TILLARI	0.70	10.84	58	0
BHIRA T.R.	0.36	4.28	80	0
SMLHY_PTN	4.81	82.56	224	173
GHATGHAR	0.00	3.94	0	0
Total	6.61	116.31		
Wind				
Total	46.34	529.28	0	0
Total	46.34	529.28		
CPP				
APML(Mus)	64.13	575.32	0	0
JSWEL(Mus)	20.48	342.57	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	20.93	439.36	0	0
SWPGPL-Mus	2.76	84.03	0	0
Other(Mus)	7.85	139.74	0	0
Total	116.15	1581.02		
SOLAR				
Total	6.62	113.30	0	0
Total	6.62	113.30		
Tata				
Trombay 5	8.75	149.13	447	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.19	43.84	117	81
Trombay 7B	1.41	25.95	67	56
Trombay 8	5.00	81.57	228	139
TATA Hydro	4.04	68.69	304	0
Total	21.38	369.18		
AEMIL				
DTPS U-1&2	5.80	92.87	252	171
Total	5.80	92.87		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	76.75	1725.80	MSPGCL Total	94.41	2092.67
			MSPGCL Thml+Gas	83.01	1858.52	Koyna 1,2 & 4 Total	2.87	93.13
			MSPGCL Hydro	11.40	234.14	State Total	290.71	4778.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	3705	390	361	4456	1226	4791	0	0	5412	5424	-845	15052	0	15052	2050	17102	50.00
2	3659	388	370	4417	1410	4792	0	0	5439	5144	-732	15031	0	15031	1919	16950	50.00
3	3416	387	342	4145	1613	4710	0	0	5239	4950	-705	14713	0	14713	1824	16537	50.05
4	3265	390	229	3884	1878	4530	0	0	5180	4862	-785	14369	0	14369	1747	16116	50.01
5	3255	386	259	3900	2005	4636	0	0	5256	5068	-784	14825	0	14825	1720	16545	50.02
6	3435	405	239	4079	2001	4631	0	1	5958	5783	-813	15682	0	15682	1753	17435	50.02
7	3462	393	249	4104	1699	4820	0	51	6967	6565	-873	16366	0	16366	1799	18165	50.00
8	3487	398	242	4127	1698	4903	0	218	6942	6909	-1076	16779	0	16779	1933	18712	49.94
9	3513	419	242	4174	1946	5221	0	482	6688	6837	-1379	17281	0	17281	2198	19479	50.02
10	3468	504	251	4223	2002	5139	0	671	6709	6363	-1333	17065	0	17065	2449	19514	49.97
11	3353	504	241	4098	2162	5025	0	844	6845	6424	-1293	17260	0	17260	2598	19858	50.00
12	3248	416	261	3925	1962	4581	0	897	6891	6717	-1282	16800	0	16800	2619	19419	50.08
13	3090	429	250	3769	2318	4406	0	860	6836	6325	-1183	16495	0	16495	2541	19036	50.06
14	2764	429	252	3445	2534	4155	0	753	6697	6173	-1144	15916	0	15916	2434	18350	50.02
15	2731	522	242	3495	2403	3884	0	754	6484	6443	-1101	15878	0	15878	2414	18292	49.93
16	2693	741	253	3687	2612	4022	0	605	6239	6676	-1072	16530	0	16530	2376	18906	50.01
17	2677	710	252	3639	2433	4234	0	327	5787	6225	-979	15879	0	15879	2280	18159	50.00
18	2903	889	241	4033	2160	4515	0	137	5497	5574	-948	15471	0	15471	2202	17673	49.98
19	3168	645	250	4063	1837	4962	0	24	5586	5737	-965	15658	0	15658	2136	17794	49.98
20	3140	585	241	3966	1918	5558	0	0	5706	5344	-944	15842	0	15842	2127	17969	49.96
21	3191	365	240	3796	1803	5698	0	0	5647	5322	-834	15785	0	15785	2076	17861	49.99
22	3078	359	249	3686	1724	5640	0	0	5359	5225	-930	15345	0	15345	2007	17352	49.98
23	3013	393	241	3647	1498	5697	0	0	5109	5106	-977	14971	0	14971	1975	16946	49.98
24	3038	357	259	3654	1499	5603	0	0	5246	4937	-965	14728	0	14728	1949	16677	50.01
MUs	76.75	11.40	6.26	94.41	46.34	116.15	0.00	6.62	143.72	140.13	-23.94	379.72	0.00	379.72	51.13	430.85	50.00

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/Jun/2021

Position as on 6.30 Hrs of 18/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	Khaparkheda 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 U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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	Khaparkheda 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	Khaparkheda 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 17/Jun/2021

Position as on 6.30 Hrs of 18/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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 18/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
Wardha (Pg) Warora I	InterState	16/06/2021	21.48	17/06/2021	03.26	EO	Attending the hot spot on R-PH wavetrap (56.6⁰:C).
Chandrapur-II - Nanded ckt I	IntraState	17/06/2021	09.03	17/06/2021	15.37	PO	Line Maintenance work
Alkud-Kolhapur(Talandage)	IntraState	17/06/2021	10.03	17/06/2021	19.48	PO	Quarterly Maintenance Work
Lonikand 1 - Chakan	IntraState	17/06/2021	10.32	17/06/2021	15.49	PO	Routine Maintenance Work
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		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)
400/220 kV 500MVA ICT-I @ Alkud	IntraState	17/06/2021	19.12	17/06/2021	20.46	EO	To Attend The SF6 Low Alarm On 220Kv Side Circuit Breaker Of ICT.
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)
Trombay Dharavi 9	IntraState	17/06/2021	09.39	17/06/2021	10.19	PO	For Attending To LS GOD Closing Issue.
Butibori - Purti	IntraState	17/06/2021	10.23	17/06/2021	15.21	PO	Diagnostic Testing Work.
AKOLA ANJANGAON (VIHIGAON) CKT-I	IntraState	17/06/2021	11.01	17/06/2021	15.45	PO	Replacement Of Flashover Discs At Loc No. 123 R-Phase.
Shirsuphal-Bhigwan	IntraState	17/06/2021	12.29	17/06/2021	15.57	PO	CB Testing & Other Maintenance Work.
UTECH SUGAR BABHALESHWAR	IntraState	17/06/2021	12.36	17/06/2021	16.59	PO	Distance Relay, B/U Relay Testing.
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
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 100 Mva Ict 1 @Phaltan	IntraState	17/06/2021	09.55	17/06/2021	16.30	PO	SFRA, Tan Delta Testing Work Of

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/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 18/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Midc							T/F, Relay Testing, Q.M Work Of HV/LV Bays.
220/132 Kv 80 Mva Cgl Ict 1 @Hinganghat	IntraState	17/06/2021	10.25	17/06/2021	14.15	PO	For IR Value Measurement.
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	17/06/2021	10.31	17/06/2021	16.56	PO	Attending Oil Leakage
220/132kv 200mva Emco ICT-1 @Kurkumbh	IntraState	17/06/2021	10.55	17/06/2021	12.45	PO	Pre-Monsoon Maintenance Work.
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	17/06/2021	11.19	17/06/2021	20.00	T	Due To Buchhloz Operated.
220/132KV 200MVA ICT II @Kurkumbh	IntraState	17/06/2021	14.05	17/06/2021	16.05	PO	Pre-Monsoon Maintenance Work.
220/132 KV 200MVA ict 1@Nasik GCR	IntraState	18/06/2021	10.04	18/06/2021	17.39	PO	Attending Oil Leakage
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	Buccholz Protection Optd

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