

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Jun/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.417	2035.154	1) Gujrat	-1.408	25.828
2) Hydro	14.260	282.539	2) Madhya Pradesh	6.499	143.146
3) Gas	5.871	156.294	3) Chattisgarh	6.380	126.480
Total MSPGCL	114.548	2473.987	4) Maharashtra	120.619	2923.805
B) 1) APLM	70.787	846.809	5) Goa (Amona)	-1.918	-30.136
2) JSWEL	19.396	424.212	Total	130.172	3189.123
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.341	592.404
4) RPL(AMT)	26.233	534.624	b) Mumbai Drawl	25.702	530.480
5) SWPGPL	2.832	95.309	c) MSEDCL Bilateral *	31.266	835.610
6) Other IPP	8.062	171.599	Include PX	3.662	209.318
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.575	591.599
C) 1) TPCL Thermal	14.490	284.720	Include PX	15.688	320.348
2) TPCL Hydro	4.833	84.146	Standby	0.766	0.805
3) TPCL Gas	4.354	85.803	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.557	113.146	1) MSEDCL	388.042	8050.115
D) STATE			2) Mumbai Discoms	54.936	1098.294
1) Thermal	241.774	4505.573	TOTAL STATE	442.978	9148.409
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	19.093	366.685			
3) Gas (A3+B7+C3)	10.225	242.097			
4) Wind	35.188	703.794			
6) SOLAR	6.526	141.138			
TOTAL STATE	312.806	5959.287			

* 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 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4049	3837	4042	3576
MSPGCL Hydro	457	813	1340	255
MSPGCL Gas	241	234	236	244
MSPGCL Total Generation	4747	4884	5618	4075
Central Sector Receipt	6071	6463	4710	4564
WIND	1545	1832	1656	1011
CPP / IPP Thermal	5627	4360	5542	5678
CPP / IPP Gas	0	0	0	0
SOLAR	695	663	0	0
Exchange with Mumbai	-1356	-1315	-956	-986
MSEDCL DEMAND MET	17329	16887	16570	14342
Load Shedding	0	0	0	0
MSEDCL DEMAND	17329	16887	16570	14342
TPCL GENERATION	951	1141	1156	656
AEML GENERATION	208	251	251	148
MUMBAI DEMAND	2515	2707	2363	1790
STATE DEMAND MET	19844	19594	18933	16132
STATE DEMAND	19844	19594	18933	16132
Frequency (Hz)	50.04	49.92	49.77	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 18.00 Hrs	49.66 Hz at 20.15 Hrs	49.94	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 21/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	10.88	14.75	568	30
Unit 9	11.33	150.68	532	421
Unit 10	11.82	226.10	532	470
Total	34.04	391.52		
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	3.36	43.89	146	120
Unit 4	3.94	71.36	173	121
Unit 5	8.46	171.28	410	190
Unit 6	8.84	180.94	390	290
Unit 7	0.00	0.00	0	0
Unit 8	11.19	192.12	481	450
Unit 9	10.80	179.89	465	435
Total	46.60	839.48		
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	10.07	228.31	470	370
Total	10.07	440.25		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.72	77.56	198	121
Unit 5	0.00	0.00	0	0
Total	3.72	77.56		
Uran				
All Units	5.87	156.29	264	225
Total	5.87	156.29		
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)	0.53	8.89	23	20
Total	0.53	8.89		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.96	56.04	330	35
Stage 4	3.58	51.34	733	0
Stage 3	1.04	30.28	80	0
Total	7.58	137.66		
Hydro				
KDPH	0.77	3.80	32	32
VTRNA	0.76	16.36	60	0
TILLARI	0.43	14.53	58	0
BHIRA T.R.	0.24	5.60	80	0
SMLHY_PTN	4.48	100.38	199	176
GHATGHAR	0.00	4.21	0	0
Total	6.68	144.88		
Wind				
Total	35.19	703.79	0	0
Total	35.19	703.79		
CPP				
APML(Mus)	70.79	846.81	0	0
JSWEL(Mus)	19.40	424.21	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	26.23	534.62	0	0
SWPGPL-Mus	2.83	95.31	0	0
Other(Mus)	8.06	171.60	0	0
Total	127.31	2072.55		
SOLAR				
Total	6.53	141.14	0	0
Total	6.53	141.14		
Tata				
Trombay 5	9.53	185.06	449	282
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	53.81	117	114
Trombay 7B	1.60	31.99	67	66
Trombay 8	4.96	99.66	231	136
TATA Hydro	4.83	84.15	294	42
Total	23.68	454.67		
AEMIL				
DTPS U-1&2	5.56	113.15	251	147
Total	5.56	113.15		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	94.42	2035.15	MSPGCL Total	114.55	2473.99
			MSPGCL Thml+Gas	100.29	2191.45	Koyna 1,2 & 4 Total	6.54	107.38
			MSPGCL Hydro	14.26	282.54	State Total	312.81	5959.29

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	3329	273	253	3855	1019	5776	0	0	5038	5112	-979	14783	0	14783	1999	16782	49.96
2	3511	293	253	4057	1044	5733	0	0	4891	4915	-1033	14716	0	14716	1872	16588	49.94
3	3576	255	244	4075	1011	5678	0	0	4776	4564	-986	14342	0	14342	1790	16132	49.98
4	3736	261	264	4261	983	5682	0	0	4749	4591	-916	14601	0	14601	1720	16321	49.97
5	3821	316	242	4379	996	5690	0	0	4672	4750	-851	14964	0	14964	1692	16656	49.86
6	3976	317	253	4546	1028	5722	0	0	5430	5239	-660	15875	0	15875	1749	17624	49.94
7	4024	646	264	4934	898	5734	0	71	6197	6099	-633	17103	0	17103	1787	18890	49.85
8	4130	744	242	5116	826	5734	0	254	6287	5996	-742	17184	0	17184	1945	19129	49.94
9	4137	548	252	4937	1158	5723	0	536	6064	6156	-1075	17435	0	17435	2233	19668	50.01
10	4049	457	241	4747	1545	5627	0	695	6365	6071	-1356	17329	0	17329	2515	19844	50.04
11	4117	447	258	4822	1603	5320	0	701	6152	6067	-1497	17016	0	17016	2720	19736	50.00
12	4155	436	225	4816	1732	4830	0	885	6357	6050	-1406	16907	0	16907	2780	19687	50.00
13	3955	471	245	4671	1662	4556	0	853	6593	6357	-1354	16745	0	16745	2745	19490	50.01
14	3796	508	234	4538	1839	4307	0	697	6480	6580	-1280	16681	0	16681	2676	19357	49.96
15	3837	813	234	4884	1832	4360	0	663	6317	6463	-1315	16887	0	16887	2707	19594	49.92
16	3953	578	245	4776	1928	4683	0	538	6190	5894	-1334	16485	0	16485	2724	19209	50.00
17	4006	553	226	4785	2113	5065	0	399	5844	5577	-1289	16650	0	16650	2639	19289	50.02
18	3961	457	256	4674	1952	4956	0	207	5969	5566	-1151	16204	0	16204	2502	18706	50.02
19	3929	465	228	4622	1971	4643	0	27	5745	5710	-1012	15961	0	15961	2363	18324	50.00
20	3974	688	246	4908	1768	4892	0	0	5883	5640	-973	16235	0	16235	2349	18584	49.88
21	4042	1340	236	5618	1656	5542	0	0	5041	4710	-956	16570	0	16570	2363	18933	49.77
22	4061	1218	246	5525	1557	5672	0	0	4507	4116	-928	15942	0	15942	2335	18277	49.80
23	4158	1150	236	5544	1580	5698	0	0	4312	4017	-964	15875	0	15875	2362	18237	49.80
24	4184	1026	248	5458	1487	5687	0	0	4359	3932	-1012	15552	0	15552	2369	17921	49.95
MUs	94.42	14.26	5.87	114.55	35.19	127.31	0.00	6.53	134.22	130.17	-25.70	388.04	0.00	388.04	54.94	442.98	49.94

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 21/Jun/2021

Position as on 6.30 Hrs of 22/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	21/06/2021	00.16	Boiler Tube 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	22/06/2021	23.15	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.	
MSPGCL	Khaparkhedha Unit 4	210	17/06/2021	15.54		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Jun/2021

Position as on 6.30 Hrs of 22/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U2	300	20/06/2021	04.30		Continued.	Generator maintenance work.	
MSPGCL	Chandrapur Unit 5	500	22/06/2021	04.38	22/06/2021	11.58	Unit Board supply failure.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 22/Jun/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	22/06/2021	20.34		Continued.	HT	Heavy spark on R PH LV (400 KV) equipment isolator.
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	21/06/2021	22.51	21/06/2021	23.38	EO	For revise overvoltage stage 1 relay setting from 70 V to 72 Volt.
Alkud-Solapur(PG)	InterState	22/06/2021	10.17	22/06/2021	12.48	PO	Quarterly maintenance Work & Diagnostic Testing Work.
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
Jaigad-Karad Ckt-II	IntraState	19/06/2021	20.11	21/06/2021	09.50	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	20/06/2021	21.56	21/06/2021	06.33	HT	Over Voltage
karad -kolhapur-I	IntraState	20/06/2021	22.37	21/06/2021	09.24	HT	Over Voltage
Karad-Jaigad - I	IntraState	21/06/2021	09.58	22/06/2021	09.08	PO	For Replacement of Energy Meters.
karad -kolhapur-I	IntraState	21/06/2021	23.40	22/06/2021	09.24	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	22/06/2021	00.47	22/06/2021	07.43	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	22/06/2021	09.26	22/06/2021	18.12	PO	For Line CT AMP Works at Waluj end.
N.Koyna-Karad -Ckt I	IntraState	22/06/2021	09.34	22/06/2021	12.16	PO	Tree Trimming work of Coconut Tree between Loc.No. 195-196
N.Koyna-Karad -Ckt II	IntraState	22/06/2021	12.45	22/06/2021	13.09	EO	To attend Hot Spot
Karad - Jaigad - II	IntraState	22/06/2021	13.26		Continued.	PO	For Replacement Of Energy Meter.
Taptitanda Waluj	IntraState	22/06/2021	20.49		Continued.	HT	Control Loading of 1500MVA ict 2 at ektuni ss.
karad -kolhapur-II	IntraState	22/06/2021	23.12		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 500MVA ICT-1 @ TAPTITANDA	IntraState	21/06/2021	16.37	21/06/2021	17.20	EO	Filling of SF6 Gas in R Phase 416 CB (ICT I HV CB) by online method.
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)
Tillari Amona	InterState	20/06/2021	22.50	21/06/2021	15.03	EO	To attend Hot Spot
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.
BHIRA (T) - KARANJADE CKT - 8	IntraState	21/06/2021	07.16		Continued.	PO	Conductor replacement in span 136 -137 DFCC work.
Main Bus Section-I@ Pedambe	IntraState	21/06/2021	09.05	21/06/2021	19.50	PO	220KV Pophali 1 Bay Y phase main bus to isolator conductor strands are cut and unwound near main bus isolator clamp.
Chalisgaon -Babhaleshwar	IntraState	21/06/2021	09.36	21/06/2021	16.24	PO	Servicing and alignment work of 29A,29B , 29D and 29E isolator. 29A and 29B isolator jump connected to main 220 KV BUS I

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 21/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 22/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							and II will opened by hotline unit Nasik.
Pusad-Ghatodi	IntraState	21/06/2021	10.17	21/06/2021	13.26	HT	Outage On Bus Section Of YAVATMAL S/S.
Kolhapur-Bidri	IntraState	21/06/2021	10.42	21/06/2021	16.50	PO	Quarterly Maintanance Work
Wardha-Yeotmal	IntraState	21/06/2021	11.09	21/06/2021	13.19	PO	Attending Hot Spot
220kv Halkarni- Tillary	IntraState	21/06/2021	11.12	21/06/2021	21.56	EO	For Attending Red Hot Spot On 220kv Main bus For 220KV AMONA Bay Y PH Jump.
Badnera - Amravati	IntraState	22/06/2021	05.34		Continued.	HT	To control AKOLA ICTS.
Badnera - Nandgaonpeth	IntraState	22/06/2021	05.34		Continued.	HT	To control AKOLA ICTS.
chandrapur-Tadali	IntraState	22/06/2021	10.17	22/06/2021	17.25	PO	Diagnostic testing & allied bay maintenance work.
OSMANABAD PARANDA	IntraState	22/06/2021	12.13	22/06/2021	15.35	PO	Relay testing work by testing team.
PARANDA BARSHI	IntraState	22/06/2021	15.56	22/06/2021	18.15	PO	Relay testing work by testing team LATUR.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	21/06/2021	10.08	21/06/2021	18.43	PO	1) MTAMC wiring work. 2) replacement of Bushing to Gantry jumper. 3) Pre-monsoon maintenance work.
220/132-110kv 100mva Ptr 2 @Oglewadi	IntraState	21/06/2021	10.23	21/06/2021	16.58	PO	1.Pre monsoon maintenance work. 2.Quarterly maintenance work. 3.Relay testing work.
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	21/06/2021	11.27	21/06/2021	17.40	PO	Quarterly Maintenance Work & Diagnostic Testing work.
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	21/06/2021	15.15	21/06/2021	15.34	T	Creek Side 100KV KALWA BUS Trip.
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	21/06/2021	15.15	21/06/2021	15.34	T	Creek Side 100KV KALWA BUS Trip.
220/132kv 100MVA ICT-II @Alephata	IntraState	22/06/2021	10.02	22/06/2021	14.16	PO	Diagnostic testing & isolator alignment Maintenance work.
220/132KV 100MVA -1@Alephata	IntraState	22/06/2021	14.20	22/06/2021	17.55	PO	Diagnostic testing work.

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