

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Jun/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.324	2129.478	1) Gujrat	-2.402	23.426
2) Hydro	22.899	305.438	2) Madhya Pradesh	8.024	151.170
3) Gas	5.853	162.147	3) Chattisgarh	6.410	132.890
Total MSPGCL	123.076	2597.063	4) Maharashtra	122.782	3046.587
B) 1) APML	72.517	919.326	5) Goa (Amona)	-1.808	-31.944
2) JSWEL	19.847	444.059	Total	133.006	3322.129
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.939	623.343
4) RPL(AMT)	28.069	562.693	b) Mumbai Drawl	28.560	559.040
5) SWPGPL	2.838	98.147	c) MSEDCL Bilateral *	31.562	867.172
6) Other IPP	8.676	180.275	Include PX	1.274	210.592
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.939	622.538
C) 1) TPCL Thermal	14.368	299.088	Include PX	15.524	335.872
2) TPCL Hydro	4.594	88.740	Standby	0.000	0.805
3) TPCL Gas	3.596	89.399	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.543	118.689	1) MSEDCL	407.415	8457.530
D) STATE			2) Mumbai Discoms	56.661	1154.955
1) Thermal	246.182	4751.755	TOTAL STATE	464.076	9612.485
(A1+C1+C4+(B1-B6))					
2) Hydro	27.493	394.178			
(A2+C2)					
3) Gas	9.449	251.546			
(A3+B7+C3)					
4) Wind	40.631	744.425			
6) SOLAR	7.315	148.453			
TOTAL STATE	331.070	6290.357			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3719	4002	3886	4117
MSPGCL Hydro	826	607	1537	403
MSPGCL Gas	246	237	239	241
MSPGCL Total Generation	4791	4846	5662	4761
Central Sector Receipt	6570	6345	5101	4861
WIND	1518	1787	1707	1866
CPP / IPP Thermal	5790	5634	5417	4785
CPP / IPP Gas	0	0	0	0
SOLAR	909	798	0	0
Exchange with Mumbai	-1488	-1416	-1063	-1112
MSEDCL DEMAND MET	18090	17994	16824	15161
Load Shedding	0	0	0	0
MSEDCL DEMAND	18090	17994	16824	15161
TPCL GENERATION	1067	1075	1056	580
AEML GENERATION	250	250	251	147
MUMBAI DEMAND	2805	2741	2370	1839
STATE DEMAND MET	20895	20735	19194	17000
STATE DEMAND	20895	20735	19194	17000
Frequency (Hz)	49.96	49.98	49.94	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.01 Hrs	49.67 Hz at 22.23 Hrs	49.96	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 22/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	11.33	26.08	531	394
Unit 9	12.07	162.75	555	450
Unit 10	11.10	237.20	503	364
Total	34.50	426.02		
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	3.37	47.26	146	129
Unit 4	3.95	75.30	169	159
Unit 5	5.97	177.25	410	0
Unit 6	9.22	190.16	395	368
Unit 7	0.00	0.00	0	0
Unit 8	11.18	203.30	475	448
Unit 9	10.67	190.57	457	425
Total	44.36	883.84		
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	0.03	57.50	30	0
Unit 3	0.00	63.60	0	0
Unit 4	0.00	62.78	0	0
Unit 5	11.64	239.94	500	470
Total	11.67	451.92		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.79	81.36	195	120
Unit 5	0.00	0.00	0	0
Total	3.79	81.36		
Uran				
All Units	5.85	162.15	261	236
Total	5.85	162.15		
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)	0.50	9.39	27	11
Total	0.50	9.39		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.11	60.15	440	35
Stage 4	8.23	59.57	1005	0
Stage 3	3.12	33.40	240	0
Total	15.46	153.12		
Hydro				
KDPH	0.79	4.59	33	33
VTRNA	0.78	17.14	60	0
TILLARI	0.52	15.05	58	0
BHIRA T.R.	0.41	6.00	80	0
SMLHY_PTN	4.42	104.80	194	161
GHATGHAR	0.52	4.73	208	0
Total	7.44	152.32		
Wind				
Total	40.63	744.42	0	0
Total	40.63	744.42		
CPP				
APML(Mus)	72.52	919.33	0	0
JSWEL(Mus)	19.85	444.06	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	28.07	562.69	0	0
SWPGPL-Mus	2.84	98.15	0	0
Other(Mus)	8.68	180.28	0	0
Total	131.95	2204.50		
SOLAR				
Total	7.32	148.45	0	0
Total	7.32	148.45		
Tata				
Trombay 5	9.55	194.61	448	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.18	55.99	106	82
Trombay 7B	1.41	33.40	64	56
Trombay 8	4.82	104.48	226	135
TATA Hydro	4.59	88.74	290	0
Total	22.56	477.23		
AEML				
DTPS U-1&2	5.54	118.69	252	146
Total	5.54	118.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	94.32	2129.48	MSPGCL Total	123.08	2597.06
			MSPGCL Thml+Gas	100.18	2291.62	Koyna 1,2 & 4 Total	12.34	119.72
			MSPGCL Hydro	22.90	305.44	State Total	331.07	6290.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	4198	419	239	4856	1806	5619	0	0	4792	4335	-956	15660	0	15660	2233	17893	50.01
2	4088	391	239	4718	1822	5454	0	0	4912	4690	-1134	15550	0	15550	2056	17606	50.03
3	4133	399	260	4792	1874	5134	0	0	4803	4606	-1140	15266	0	15266	1923	17189	50.02
4	4117	403	241	4761	1866	4785	0	0	4930	4861	-1112	15161	0	15161	1839	17000	49.98
5	3927	490	261	4678	1721	5183	0	0	4881	5001	-1084	15499	0	15499	1813	17312	49.92
6	3809	815	241	4865	1568	5723	0	0	5362	5143	-1041	16258	0	16258	1851	18109	49.93
7	3803	1498	249	5550	1333	5717	0	74	6099	6096	-905	17865	0	17865	1894	19759	49.92
8	3791	1619	251	5661	1002	5726	0	262	6270	6411	-942	18120	0	18120	2042	20162	50.00
9	3752	1610	249	5611	1298	5726	0	509	6182	6352	-1057	18439	0	18439	2317	20756	50.03
10	3747	1393	238	5378	1642	5760	0	729	6137	5985	-1332	18162	0	18162	2583	20745	50.00
11	3735	680	237	4652	1613	5794	0	865	6642	6352	-1446	17830	0	17830	2779	20609	49.96
12	3719	826	246	4791	1518	5790	0	909	6543	6570	-1488	18090	0	18090	2805	20895	49.96
13	3845	652	236	4733	1535	5766	0	933	6707	6325	-1470	17822	0	17822	2788	20610	49.93
14	3962	610	249	4821	1643	5550	0	917	6528	6361	-1384	17908	0	17908	2697	20605	50.01
15	4002	607	237	4846	1787	5634	0	798	6290	6345	-1416	17994	0	17994	2741	20735	49.98
16	3969	672	246	4887	1908	5807	0	615	6128	5992	-1417	17792	0	17792	2751	20543	49.96
17	4050	681	236	4967	2221	5787	0	429	5946	5785	-1330	17859	0	17859	2676	20535	50.01
18	4009	325	237	4571	2279	5649	0	234	5965	5685	-1287	17131	0	17131	2562	19693	50.04
19	3918	367	248	4533	2247	5502	0	41	5742	5349	-1248	16424	0	16424	2399	18823	50.00
20	3912	981	246	5139	1790	5757	0	0	5605	5247	-1166	16767	0	16767	2388	19155	49.83
21	3886	1537	239	5662	1707	5417	0	0	5123	5101	-1063	16824	0	16824	2370	19194	49.94
22	3939	2009	239	6187	1556	4965	0	0	4777	4672	-986	16394	0	16394	2348	18742	49.83
23	3985	2047	249	6281	1516	4860	0	0	5019	4773	-1047	16383	0	16383	2388	18771	49.83
24	4028	1868	240	6136	1379	4842	0	0	5096	4969	-1109	16217	0	16217	2418	18635	49.93
MUs	94.32	22.90	5.85	123.08	40.63	131.95	0.00	7.32	136.48	133.01	-28.56	407.41	0.00	407.41	56.66	464.08	49.96

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 22/Jun/2021

Position as on 6.30 Hrs of 23/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	Paras Unit 3	250	10/06/2021	16.00	23/06/2021	12.52	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	23/06/2021	00.34	Zero Schedule.	
MSPGCL	Khaparkhedha Unit 4	210	17/06/2021	15.54	23/06/2021	01.40	Zero Schedule.	
IPP	JSW (J) U2	300	20/06/2021	04.30		Continued.	Generator maintenance work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Jun/2021

Position as on 6.30 Hrs of 23/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	22/06/2021	04.38	22/06/2021	11.58	Unit Board supply failure.	
MSPGCL	Paras Unit 3	250	23/06/2021	13.07	23/06/2021	14.52	Loss of AC Supply.	
MSPGCL	Uran Unit 6	108	23/06/2021	16.10		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	23/06/2021	16.10		Continued.	Gas shortage	
TPC_G	Trombay 8	250	23/06/2021	20.20	23/06/2021	23.58	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 23/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	23/06/2021	06.11	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
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
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	23/06/2021	08.17	PO	For Replacement Of Energy Meter.
Taptitanda Waluj	IntraState	22/06/2021	20.49	23/06/2021	07.05	HT	Control Loading of 1500MVA ict 2 at ektuni ss.
karad -kolhapur-II	IntraState	22/06/2021	23.12	23/06/2021	11.33	HT	Over Voltage
Deepnagar Taptitanda	IntraState	23/06/2021	06.11	23/06/2021	06.47	HT	hand trip for load management.
Bableshtar - Aurangabad (Waluj)	IntraState	23/06/2021	09.26		Continued.	PO	Samruddhi expressway crossing 400kv line diversion work.
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 315 MVA ICT-I @ Nagothane	IntraState	23/06/2021	09.15	23/06/2021	18.30	PO	CTR AMC work
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	23/06/2021	10.00	23/06/2021	18.33	PO	Diagnostic testing 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)
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 DECC work.
Badnera - Nandgaonpeth	IntraState	22/06/2021	05.34		Continued.	HT	To control AKOLA ICTS.
Badnera - Amravati	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.
Aurangabad (waluj)-Taptitanda ckt-1	IntraState	23/06/2021	04.55	23/06/2021	06.32	PO	Load management.
Dahanu-Viraj	IntraState	23/06/2021	08.32	23/06/2021	18.31	PO	ADTPS - Annual maintenance

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 22/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 23/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							breaker pole overhauling & testing. Bay 03 overhauling of isolator-A.
Waluj-Padegaon I	IntraState	23/06/2021	11.33		Continued.	PO	Reorientation of line at 220kv padegaon s/s for 2nd ckt stringing of padegaon-sawangi line.
Kamba - Kolshet	IntraState	23/06/2021	12.11	23/06/2021	19.06	PO	Online stringing of OPGW cable on 220Kv Kamba-Kolshet line.
Uran - Kharghar 2	IntraState	23/06/2021	13.27		Continued.	PO	To carry out the new inline tower erection at loc no.47 for height raising work.
Padghe - Temghar	IntraState	23/06/2021	23.06		Continued.	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
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.
220/132 Kv 200 Mva Cgl Ict 1 @Bale (Solapur 2)	IntraState	23/06/2021	10.36	23/06/2021	13.42	PO	Outage is required for Tan delta of CT, Bushing & Winding to be taken.

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