

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jun/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.743	2346.406	1) Gujrat	-0.663	21.417
2) Hydro	9.076	332.514	2) Madhya Pradesh	4.353	163.308
3) Gas	4.938	171.968	3) Chattisgarh	5.210	143.960
Total MSPGCL	123.757	2850.888	4) Maharashtra	126.706	3302.052
B) 1) APLM	70.285	1055.921	5) Goa (Amona)	-1.484	-35.231
2) JSWEL	20.115	484.602	Total	134.122	3595.506
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.238	687.022
4) RPL(AMT)	21.186	613.729	b) Mumbai Drawl	29.993	617.879
5) SWPGPL	2.938	103.934	c) MSEDCL Bilateral *	31.763	934.013
6) Other IPP	9.067	198.758	Include PX	3.207	218.262
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.800	685.779
C) 1) TPCL Thermal	13.766	327.660	Include PX	18.450	370.956
2) TPCL Hydro	5.202	99.275	Standby	0.438	1.243
3) TPCL Gas	2.168	94.105	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.485	130.188	1) MSEDCL	395.931	9262.861
D) STATE			2) Mumbai Discoms	56.614	1269.103
1) Thermal	252.585	5261.198	TOTAL STATE	452.545	10531.964
(A1+C1+C4+(B1-B6))					
2) Hydro	14.278	431.789			
(A2+C2)					
3) Gas	7.106	266.073			
(A3+B7+C3)					
4) Wind	40.529	819.369			
6) SOLAR	3.925	158.033			
TOTAL STATE	318.423	6936.462			

* 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 19 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4902	4560	4552	4510
MSPGCL Hydro	381	366	458	339
MSPGCL Gas	166	220	265	142
MSPGCL Total Generation	5449	5146	5275	4991
Central Sector Receipt	6204	6237	5163	4928
WIND	2120	2207	1957	1370
CPP / IPP Thermal	5543	4769	4768	5145
CPP / IPP Gas	0	0	0	0
SOLAR	496	435	23	0
Exchange with Mumbai	-1555	-1460	-1095	-1065
MSEDCL DEMAND MET	18257	17334	16091	15369
Load Shedding	0	0	0	0
MSEDCL DEMAND	18257	17334	16091	15369
TPCL GENERATION	1004	1048	999	676
AEML GENERATION	249	250	248	152
MUMBAI DEMAND	2808	2758	2342	1893
STATE DEMAND MET	21065	20092	18433	17262
STATE DEMAND	21065	20092	18433	17262
Frequency (Hz)	50.08	50.02	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 16.20 Hrs	49.64 Hz at 14.22 Hrs	50.02	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 24/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	12.47	49.87	540	422
Unit 9	12.24	186.41	541	475
Unit 10	11.66	258.16	535	365
Total	36.37	494.44		
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	3.40	54.06	147	123
Unit 4	3.81	83.04	167	121
Unit 5	9.15	195.84	400	295
Unit 6	8.89	208.14	385	310
Unit 7	0.00	0.00	0	0
Unit 8	10.30	224.63	450	420
Unit 9	9.00	209.70	386	362
Total	44.56	975.41		
Paras				
Unit 3	4.06	48.39	220	152
Unit 4	0.00	47.54	0	0
Total	4.06	95.93		
Khaparkheda				
Unit 1	0.00	28.10	0	0
Unit 2	3.06	63.90	180	115
Unit 3	3.60	70.94	190	135
Unit 4	3.54	70.14	205	130
Unit 5	11.13	262.75	485	450
Total	21.35	495.83		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.41	88.62	198	128
Unit 5	0.00	0.00	0	0
Total	3.41	88.62		
Uran				
All Units	4.94	171.97	276	141
Total	4.94	171.97		
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)	0.18	10.10	19	0
Total	0.18	10.10		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.76	65.54	365	35
Stage 4	0.22	64.94	199	0
Stage 3	1.08	37.21	160	0
Total	3.05	167.68		
Hydro				
KDPH	0.79	6.18	33	33
VTRNA	0.00	17.54	0	0
TILLARI	0.58	16.21	58	0
BHIRA T.R.	0.41	6.84	80	0
SMLHY_PTN	4.24	113.30	186	164
GHATGHAR	0.00	4.76	0	0
Total	6.02	164.83		
Wind				
Total	40.53	819.37	0	0
Total	40.53	819.37		
CPP				
APML(Mus)	70.28	1055.92	0	0
JSWEL(Mus)	20.12	484.60	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	21.19	613.73	0	0
SWPGPL-Mus	2.94	103.93	0	0
Other(Mus)	9.07	198.76	0	0
Total	123.59	2456.94		
SOLAR				
Total	3.92	158.03	0	0
Total	3.92	158.03		
Tata				
Trombay 5	9.39	214.50	452	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.19	58.60	50	49
Trombay 7B	0.98	35.50	42	40
Trombay 8	4.38	113.16	220	86
TATA Hydro	5.20	99.28	294	29
Total	21.14	521.04		
AEML				
DTPS U-1&2	5.48	130.19	250	144
Total	5.48	130.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	109.74	2346.41	MSPGCL Total	123.76	2850.89
			MSPGCL Thml+Gas	114.68	2518.37	Koyna 1,2 & 4 Total	1.98	130.48
			MSPGCL Hydro	9.08	332.51	State Total	318.42	6936.46

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 24/Jun/2021

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4335	334	141	4810	1336	5661	0	0	5021	4684	-1254	15237	0	15237	2371	17608	50.03
2	4456	338	141	4935	1131	5358	0	0	4983	4930	-1035	15319	0	15319	2192	17511	50.03
3	4475	337	142	4954	1292	5298	0	0	4924	4863	-931	15476	0	15476	2049	17525	50.02
4	4496	343	152	4991	1556	5192	0	0	4930	4581	-862	15458	0	15458	1949	17407	50.02
5	4510	339	142	4991	1370	5145	0	0	4899	4928	-1065	15369	0	15369	1893	17262	50.00
6	4569	284	143	4996	1470	5704	0	0	5586	5406	-1217	16359	0	16359	1896	18255	50.05
7	4889	275	142	5306	1511	5786	0	40	6244	5794	-1082	17355	0	17355	1918	19273	50.02
8	4799	260	142	5201	1373	5833	0	125	6519	6395	-1052	17875	0	17875	2060	19935	50.04
9	4629	254	142	5025	1718	5821	0	264	6529	6739	-1424	18143	0	18143	2322	20465	50.04
10	4815	338	160	5313	1789	5745	0	450	6202	6396	-1443	18250	0	18250	2619	20869	50.07
11	4902	381	166	5449	2120	5543	0	496	6464	6204	-1555	18257	0	18257	2808	21065	50.08
12	4684	388	204	5276	2076	5224	0	538	6604	6108	-1528	17694	0	17694	2820	20514	50.10
13	4560	366	220	5146	2207	4769	0	435	6602	6237	-1460	17334	0	17334	2758	20092	50.02
14	4360	555	223	5138	2223	4607	0	446	6304	6034	-1381	17067	0	17067	2668	19735	49.94
15	4356	570	261	5187	2048	4460	0	375	6291	6213	-1401	16882	0	16882	2680	19562	49.89
16	4575	290	264	5129	1970	4697	0	322	6217	6137	-1427	16828	0	16828	2686	19514	50.01
17	4602	291	276	5169	2039	4699	0	256	5915	5889	-1359	16693	0	16693	2615	19308	50.09
18	4575	323	264	5162	2033	4748	0	155	5468	5633	-1225	16506	0	16506	2465	18971	50.03
19	4552	458	265	5275	1957	4768	0	23	5355	5163	-1095	16091	0	16091	2342	18433	50.02
20	4512	407	266	5185	1644	4702	0	0	5557	5450	-1104	15877	0	15877	2339	18216	50.03
21	4521	455	270	5246	1501	4649	0	0	5345	5481	-1110	15767	0	15767	2330	18097	50.01
22	4531	511	270	5312	1422	4671	0	0	5089	5224	-1213	15416	0	15416	2279	17695	50.00
23	4510	652	270	5432	1360	5074	0	0	4979	4921	-1331	15456	0	15456	2261	17717	49.92
24	4530	327	272	5129	1383	5437	0	0	4714	4712	-1439	15222	0	15222	2294	17516	50.01
MUs	109.74	9.08	4.94	123.76	40.53	123.59	0.00	3.93	136.74	134.12	-29.99	395.93	0.00	395.93	56.61	452.54	50.02

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 24/Jun/2021

Position as on 6.30 Hrs of 25/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	25/06/2021	18.10	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	24/06/2021	19.49	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 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	Uran Unit 5	108	17/06/2021	02.42	24/06/2021	08.52	Stator earth fault.	
IPP	JSW (J) U2	300	20/06/2021	04.30		Continued.	Generator maintenance work.	
MSPGCL	Uran Unit 6	108	23/06/2021	16.10		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	23/06/2021	16.10	24/06/2021	13.38	Gas shortage	
IPP	RPL(AMT) U-2	270	24/06/2021	10.00	24/06/2021	17.36	Hotspot On Isolator.	
IPP	SWPGPL U-2	135	25/06/2021	01.22		Continued.	ID Fan High Vibration.(unit under zero schedule from	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Jun/2021

Position as on 6.30 Hrs of 25/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							04.00 hrs on dt. 25.06.2021.)	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 25/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
Dhule Khandwa I	InterState	24/06/2021	09.33	24/06/2021	21.20	PO	PG Work At Dhule End.
Akola Wardha li	InterState	24/06/2021	12.05	24/06/2021	19.09	EO	Tie Bay Of 400KV Akla-2 Line For Attending Maintenance Bay Isolator(41689B) Issue.
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
Bableshwar- Aurangabad (Waluj)	IntraState	23/06/2021	09.26		Continued.	PO	Samruddhi expressway crossing 400kv line diversion work.
Karad-Jaigad - I	IntraState	24/06/2021	02.25	24/06/2021	08.52	HT	Over Voltage
Bus Coupler @ Padgha	IntraState	24/06/2021	16.11	24/06/2021	20.21	PO	Replacement Of B Bus B-Phase PG Isolator As Cooper Profile Found Burn.
Khadka-Aurangabad (Waluj)	IntraState	24/06/2021	20.27	25/06/2021	08.35	HT	Over Voltage
karad -kolhapur-I	IntraState	24/06/2021	21.52	25/06/2021	09.29	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	25/06/2021	19.05		Continued.	EO	CVT Jumper Replacement(while charging of line at 21.51hrs but tripped on 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.(FTC DT 16/08/2021 At 14.42)
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	24/06/2021	09.15	24/06/2021	17.28	PO	CTR AMC Work.
400/220/33 Kv 315 Mva Ict 2 @Parali (Girwali)	IntraState	24/06/2021	21.17	25/06/2021	08.02	T	Distance Protection
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	25/06/2021	11.20	25/06/2021	19.46	PO	CTR AMC work
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	25/06/2021	14.16	25/06/2021	18.06	EO	Attending Oil Leakage
400/220/33 Kv 315 Mva Ict 2 @Parali (Girwali)	IntraState	25/06/2021	15.52	25/06/2021	20.14	PO	To take protection trial of LV and HV CB
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 DFCC work.
Badnera - Nandgaonpeth	IntraState	22/06/2021	05.34	25/06/2021	00.10	HT	To control AKOLA ICTS.
Badnera - Amravati	IntraState	22/06/2021	05.34	25/06/2021	09.04	HT	To control AKOLA ICTS.
Waluj-Padegaon I	IntraState	23/06/2021	11.33	24/06/2021	17.30	PO	Reorientation of line at 220kv padegaon s/s for 2nd ckt stringing of padegaon-sawangi 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	24/06/2021	03.04	EO	Attending Hot Spot
Chandrapur GCR -MIDC (Chandrapur)	IntraState	24/06/2021	08.58	24/06/2021	17.29	PO	Diagnostic Testing Work.
Koradi-Ambazari-I	IntraState	24/06/2021	09.26	24/06/2021	16.46	PO	For Replacement Of Flashover

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 24/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 25/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Strings At Various Location.
BHUGAON WARORA CKT-I	IntraState	24/06/2021	10.38	24/06/2021	14.37	PO	For Tan Delta Measurement Of CT. CC.
Lamboti - Solapur li(Bale) Ckt- I	IntraState	24/06/2021	10.54	24/06/2021	15.46	PO	220KV Lamboti-Solapur Ckt 1 29D Isolator Motorized Box Replacement Work.
Wani-Warora	IntraState	24/06/2021	11.30	24/06/2021	15.01	EO	Attending Hot Spot
Tambati - Adlabs	IntraState	24/06/2021	14.35	24/06/2021	17.48	EO	Attending Hot Spot
Bus section-I @ Tambati	IntraState	24/06/2021	14.36	24/06/2021	17.27	EO	Outage Required On 220KV Tambati-Adlabs And 220/100KV 100MVA ICT-1 Floor Attending Hotspots On 220KV Tambati-Adlabs Line.
Nalasopara-Boisar	IntraState	25/06/2021	09.16	25/06/2021	16.10	T	Distance Protection
Koyna (Pophali) - Kdph	IntraState	25/06/2021	09.35	25/06/2021	12.55	EO	To attend Hot Spot
Vsni-512 Khadki	IntraState	25/06/2021	10.29	25/06/2021	14.42	PO	Half yearly maintenance work
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	25/06/2021	11.09	25/06/2021	17.48	PO	Isolator Alignment work
WALCHANDNAGAR - PHALTAN MIDC	IntraState	25/06/2021	11.45	25/06/2021	14.45	PO	Replacement of Flashover String
Chalisingaon-Sayne	IntraState	25/06/2021	15.47	25/06/2021	18.12	PO	Replacement of Broken Disc
Boisar II - Boisar PG I	IntraState	25/06/2021	23.39	25/06/2021	02.03	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	24/06/2021	07.40	24/06/2021	11.07	PO	For Safety Purpose For Shifting Winching, Of 550MVA, 100/220KV PTR Under 100KV Bus Section-2.
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	24/06/2021	07.40	24/06/2021	11.07	PO	For Safety Purpose For Shifting Winching, Of 550MVA, 100/220KV PTR Under 100KV Bus Section-2.
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	24/06/2021	14.33	24/06/2021	17.29	EO	Attending Hot Spot

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