

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Jul/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.999	286.186	1) Gujrat	-1.503	2.846
2) Hydro	22.006	51.074	2) Madhya Pradesh	6.695	24.520
3) Gas	3.376	14.745	3) Chattisgarh	5.110	14.810
Total MSPGCL	131.381	352.005	4) Maharashtra	143.673	407.551
B) 1) APLM	74.080	222.946	5) Goa (Amona)	-0.918	-3.385
2) JSWEL	18.383	56.439	Total	153.057	446.342
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.291	90.516
4) RPL(AMT)	31.308	89.424	b) Mumbai Drawl	31.236	92.217
5) SWPGPL	2.852	8.566	c) MSEDCL Bilateral *	40.885	108.434
6) Other IPP	7.581	22.854	Include PX	14.054	28.609
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.254	90.480
C) 1) TPCL Thermal	10.361	32.050	Include PX	12.794	36.845
2) TPCL Hydro	6.656	22.610	Standby	0.036	0.036
3) TPCL Gas	2.158	6.622	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.017	17.981	1) MSEDCL	423.843	1230.953
D) STATE			2) Mumbai Discoms	56.428	171.480
1) Thermal	256.581	736.446	TOTAL STATE	480.271	1402.433
(A1+C1+C4+(B1-B6))					
2) Hydro	28.662	73.684			
(A2+C2)					
3) Gas	5.534	21.367			
(A3+B7+C3)					
4) Wind	28.989	103.528			
6) SOLAR	7.448	21.066			
TOTAL STATE	327.214	956.091			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4535	4383	4354	4370
MSPGCL Hydro	417	1859	1243	288
MSPGCL Gas	139	136	138	142
MSPGCL Total Generation	5091	6378	5735	4800
Central Sector Receipt	7904	7298	5576	5254
WIND	888	1094	1667	1273
CPP / IPP Thermal	5664	5465	5636	5601
CPP / IPP Gas	0	0	0	0
SOLAR	787	662	0	0
Exchange with Mumbai	-1414	-1684	-1143	-936
MSEDCL DEMAND MET	18920	19213	17471	15992
Load Shedding	0	0	0	0
MSEDCL DEMAND	18920	19213	17471	15992
TPCL GENERATION	818	703	979	773
AEML GENERATION	250	250	251	251
MUMBAI DEMAND	2482	2637	2373	1960
STATE DEMAND MET	21402	21850	19844	17952
STATE DEMAND	21402	21850	19844	17952
Frequency (Hz)	50.00	50.02	49.93	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18.02 Hrs	49.71 Hz at 04.09 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 03/Jul/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	9.65	26.56	529	316
Unit 9	8.83	25.23	422	284
Unit 10	8.70	25.28	440	250
Total	27.17	77.07		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.58	11.82	490	300
Unit 5	10.80	12.22	485	350
Total	21.38	24.03		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	3.20	9.45	142	128
Unit 4	3.23	9.89	153	101
Unit 5	7.95	25.52	365	280
Unit 6	2.19	5.68	372	0
Unit 7	0.00	0.00	0	0
Unit 8	10.18	31.56	455	379
Unit 9	9.61	30.73	435	370
Total	36.36	112.82		
Paras				
Unit 3	5.26	14.79	235	176
Unit 4	0.00	0.00	0	0
Total	5.26	14.79		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	3.34	0	0
Unit 3	0.00	3.85	0	0
Unit 4	0.00	3.93	0	0
Unit 5	11.61	34.07	500	455
Total	11.61	45.19		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.22	12.27	195	125
Unit 5	0.00	0.00	0	0
Total	4.22	12.27		
Uran				
All Units	3.38	14.74	151	136
Total	3.38	14.74		
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)	0.52	1.44	27	11
Total	0.52	1.44		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.42	12.55	470	40
Stage 4	8.36	17.01	993	0
Stage 3	2.92	6.90	240	0
Total	16.70	36.46		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.23	1.16	58	0
BHIRA T.R.	0.45	1.38	63	0
SMLHY_PTN	4.12	11.57	210	143
GHATGHAR	0.51	0.51	125	0
Total	5.31	14.62		
Wind				
Total	28.99	103.53	0	0
Total	28.99	103.53		
CPP				
APML(Mus)	74.08	222.95	0	0
JSWEL(Mus)	18.38	56.44	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.31	89.42	0	0
SWPGPL-Mus	2.85	8.57	0	0
Other(Mus)	7.58	22.85	0	0
Total	134.20	400.23		
SOLAR				
Total	7.45	21.07	0	0
Total	7.45	21.07		
Tata				
Trombay 5	10.36	32.05	469	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.18	3.62	49	49
Trombay 7B	0.98	3.01	41	40
Trombay 8	0.00	0.00	0	0
TATA Hydro	6.66	22.61	458	110
Total	19.18	61.28		
AEML				
DTPS U-1&2	6.02	17.98	252	250
Total	6.02	17.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	106.00	286.19	MSPGCL Total	131.38	352.00
			MSPGCL Thml+Gas	109.38	300.93	Koyna 1,2 & 4 Total	13.78	29.56
			MSPGCL Hydro	22.01	51.07	State Total	327.21	956.09

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Jul/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	4303	334	141	4778	1489	5616	0	0	5686	5566	-1228	16221	0	16221	2349	18570	50.04
2	4338	275	142	4755	1355	5603	0	0	5541	5379	-1110	15982	0	15982	2193	18175	50.10
3	4341	289	142	4772	1199	5601	0	0	5617	5461	-1044	15989	0	15989	2063	18052	50.07
4	4370	288	142	4800	1273	5601	0	0	5470	5254	-936	15992	0	15992	1960	17952	49.97
5	4421	325	151	4897	1222	5551	0	0	5489	5525	-1007	16188	0	16188	1925	18113	49.86
6	4510	429	141	5080	1269	5555	0	0	6335	6119	-1050	16973	0	16973	1965	18938	49.95
7	4480	912	140	5532	1033	5652	0	67	7097	7073	-1017	18340	0	18340	1942	20282	49.85
8	4485	1163	141	5789	785	5618	0	247	7178	7218	-1118	18539	0	18539	2042	20581	50.04
9	4532	617	143	5292	903	5648	0	485	7659	7576	-1284	18620	0	18620	2246	20866	50.01
10	4535	417	139	5091	888	5664	0	787	7746	7904	-1414	18920	0	18920	2482	21402	50.00
11	4418	578	138	5134	744	5660	0	861	7620	7600	-1545	18454	0	18454	2640	21094	49.97
12	4340	913	147	5400	590	5626	0	896	7483	7645	-1564	18593	0	18593	2681	21274	50.01
13	4296	1241	137	5674	682	5464	0	978	7372	7172	-1581	18389	0	18389	2668	21057	49.98
14	4375	792	137	5304	715	5443	0	954	7695	7383	-1583	18216	0	18216	2581	20797	50.02
15	4379	1612	136	6127	775	5427	0	799	7200	7414	-1627	18915	0	18915	2629	21544	49.95
16	4383	1859	136	6378	1094	5465	0	662	7212	7298	-1684	19213	0	19213	2637	21850	50.02
17	4356	1665	138	6159	1520	5500	0	438	6894	6770	-1596	18791	0	18791	2591	21382	50.03
18	4436	743	138	5317	1672	5581	0	238	6708	6355	-1483	17680	0	17680	2486	20166	50.04
19	4359	385	139	4883	1813	5598	0	36	6239	6030	-1320	17040	0	17040	2362	19402	50.03
20	4354	1243	138	5735	1667	5636	0	0	5540	5576	-1143	17471	0	17471	2373	19844	49.93
21	4434	1440	140	6014	1630	5661	0	0	5310	5139	-1144	17300	0	17300	2382	19682	49.98
22	4482	1634	140	6256	1619	5660	0	0	4862	5038	-1175	17398	0	17398	2375	19773	50.03
23	4524	1558	150	6232	1573	5684	0	0	5105	5105	-1256	17338	0	17338	2406	19744	49.95
24	4548	1294	140	5982	1479	5690	0	0	5451	5457	-1327	17281	0	17281	2450	19731	49.93
MUs	106.00	22.01	3.38	131.38	28.99	134.20	0.00	7.45	154.51	153.06	-31.24	423.84	0.00	423.84	56.43	480.27	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 03/Jul/2021

Position as on 6.30 Hrs of 04/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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 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-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	
IPP	JSW (J) U2	300	20/06/2021	04.30		Continued.	Generator maintenance work.	
IPP	SWPGPL U-2	135	25/06/2021	01.22		Continued.	ID Fan High Vibration.(unit under zero schedule from 04.00 hrs on dt. 25.06.2021.)	
TPC_G	Trombay 8	250	29/06/2021	09.12		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 6	500	01/07/2021	08.57	03/07/2021	16.52	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 2	210	02/07/2021	00.00		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 3	210	02/07/2021	00.00		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 4	210	02/07/2021	00.00		Continued.	Zero schedule.	
MSPGCL	Uran Unit 5	108	02/07/2021	13.33		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	02/07/2021	13.36		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Jul/2021

Position as on 6.30 Hrs of 04/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyna STG-IV Unit-4	250	03/07/2021	22.38	03/07/2021	23.15	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 4	210	03/07/2021	23.49		Continued.	Super Heater Spray valve heavy Leakage	
MSPGCL	Nasik Unit 4	210	04/07/2021	11.03		Continued.	Boiler Tube Leakage(Converted into to Zero Schedule from 20.00Hrs DT.06-07-2021)	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 04/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	02/07/2021	21.26	03/07/2021	05.59	PO	Oil topup at pole 1 Y-Phases convertor transformer.
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 II	InterState	03/07/2021	10.07	03/07/2021	21.13	PO	work at khandwa end
Bableshwar- Aurangabad (Waluj)	IntraState	23/06/2021	09.26		Continued.	PO	Samruddhi expressway crossing 400kv line diversion work.
Khadka-Aurangabad (Waluj)	IntraState	02/07/2021	18.30	03/07/2021	06.52	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 500 MVA ICT-III @Kalwa	IntraState	04/07/2021	07.03	04/07/2021	11.07	EO	Attending Hot Spot work at B-Phase LV bushing.
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)
PARLY (PG) - OSMANABAD	InterState	03/07/2021	05.19	03/07/2021	06.30	T	Tripped only at Parly PG end.
EKLAHARE (OCR) Nasik Navsari II	InterState	03/07/2021	10.51	03/07/2021	14.26	PO	Replacement work
MSETCL Borivli Aarey 2	IntraState	07/06/2021	09.05	04/07/2021	11.18	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.
Mulund - GIS Bhandup	IntraState	01/07/2021	09.37		Continued.	PO	project work of bay strengthening on 200kv Mulund-Bhandup GIS line bay at 220kv Mulund substation
Kalwa - Mulund 1	IntraState	01/07/2021	09.39		Continued.	PO	project work of bay strengthening on 220kv Mulund-Bhandup GIS line bay along with replacement of C&R panel of 220 kalwa-1 at 220kv Mulund substation.
Uran - Kharghar I	IntraState	01/07/2021	10.40		Continued.	PO	Construction work.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	02/07/2021	10.48	03/07/2021	14.32	PO	CB overhauling.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	03/07/2021	04.14	03/07/2021	04.58	T	Distance Protection
Osmanabad - Barshi	IntraState	03/07/2021	05.19	03/07/2021	09.19	T	Distance Protection
Osmanabad - Solapur (Bale)	IntraState	03/07/2021	06.09	04/07/2021	04.07	T	Distance Protection/over current.
PARANDA BARSHI	IntraState	03/07/2021	06.09	03/07/2021	06.30	T	Tripped on backup.
OSMANABAD PARANDA	IntraState	03/07/2021	06.09	03/07/2021	06.30	T	Tripped on backup.
Kalwa - Mulund 2	IntraState	03/07/2021	07.03	03/07/2021	14.30	PO	Online shifting of 220kv mulund-kalwa2
Vankuswade - Kdph	IntraState	03/07/2021	10.05	03/07/2021	15.25	PO	Replacement work
Chinchwad- Parvati	IntraState	03/07/2021	10.57	03/07/2021	15.57	PO	Half yearly maintenance work
Chakan-Chinchwad	IntraState	03/07/2021	10.57	04/07/2021	00.10	T	Distance Protection
Bhosari- Bhosari 2	IntraState	03/07/2021	10.58	03/07/2021	11.24	T	over current
Hinjawadi I- Chinchwad	IntraState	03/07/2021	10.58	03/07/2021	11.16	T	Over Current
Urse-Chinchwad (ST tap)	IntraState	03/07/2021	10.58	03/07/2021	11.32	T	Distance Protection
Nagothane - ACCIL	IntraState	03/07/2021	14.20	03/07/2021	17.07	PO	isolator maintenance work

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 03/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 04/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
ACCIL - Apta	IntraState	03/07/2021	14.35	03/07/2021	16.42	PO	consumer bus Isolator maintenance work at ACCIL end
Main Bus I @ Dahanu	IntraState	04/07/2021	11.27	04/07/2021	21.01	PO	Isolator overhauling of bay 02,07 isolator & bus coupler annual maintenance work.