

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Jul/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.357	403.517	1) Gujrat	-10.199	-29.223
2) Hydro	10.987	34.391	2) Madhya Pradesh	4.597	18.473
3) Gas	4.135	15.221	3) Chattisgarh	3.310	10.710
Total MSPGCL	152.479	453.129	4) Maharashtra	159.275	472.622
B) 1) APLM	47.411	146.122	5) Goa (Amona)	-1.154	-3.279
2) JSWEL	14.345	42.941	Total	155.829	469.303
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.898	97.521
4) RPL(AMT)	17.891	54.111	b) Mumbai Drawl	33.103	106.914
5) SWPGPL	7.535	21.177	c) MSEDCL Bilateral *	81.412	248.191
6) Other IPP	7.482	23.613	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.898	97.521
C) 1) TPCL Thermal	10.316	31.312	Include PX	0.000	0.000
2) TPCL Hydro	0.910	4.382	Standby	0.000	0.000
3) TPCL Gas	0.000	0.407	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.530	30.003	1) MSEDCL	410.828	1229.767
D) STATE			2) Mumbai Discoms	54.859	173.017
1) Thermal	252.867	752.796	3) Other Discoms	8.664	26.845
(A1+C1+C4+(B1-B6))			TOTAL STATE	474.351	1429.629
2) Hydro	11.897	38.773			
(A2+C2)					
3) Gas	4.135	15.628			
(A3+B7+C3)					
4) Wind	40.201	126.140			
6) SOLAR	9.422	26.990			
TOTAL STATE	318.522	960.327			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5571	5728	6157	5618
MSPGCL Hydro	716	382	587	432
MSPGCL Gas	116	127	254	119
MSPGCL Total Generation	6403	6237	6998	6169
Central Sector Receipt	7664	7074	6808	5813
WIND	1484	1512	2225	1179
CPP / IPP Thermal	3440	3451	3748	4556
CPP / IPP Gas	0	0	0	0
SOLAR	1194	1154	0	0
Exchange with Mumbai	-1473	-1465	-1573	-1092
MSEDCL DEMAND MET	18352	17614	17804	16330
Load Shedding	0	0	0	0
MSEDCL DEMAND	18352	17614	17804	16330
TPCL GENERATION	551	546	502	422
AEML GENERATION	498	499	366	444
MUMBAI DEMAND	2522	2510	2441	1958
OTHER DISCOM DEMAND	360	349	402	295
STATE DEMAND MET	21234	20473	20647	18583
STATE DEMAND	21234	20473	20647	18583
Frequency (Hz)	50.05	50.05	49.92	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.3 Hz at 16.04 Hrs	49.8 Hz at 19.09 Hrs	50.02	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Daily and Progressive Generation,Maximum,Minimum for 03/Jul/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.08	3.84	140	110
Unit 7	0.00	0.00	0	0
Unit 8	10.49	34.02	515	360
Unit 9	6.44	6.44	459	0
Unit 10	11.09	35.61	490	430
Total	31.10	79.91		
Bhusawal				
Unit 3	3.14	9.64	150	110
Unit 4	8.72	27.57	425	280
Unit 5	8.60	15.23	440	280
Total	20.46	52.44		
Parli				
Unit 6	4.94	15.11	244	154
Unit 7	4.11	13.12	191	140
Unit 8	0.00	0.00	0	0
Total	9.05	28.22		
Chandrapur				
Unit 3	2.65	7.10	129	100
Unit 4	2.61	8.53	121	102
Unit 5	7.67	22.90	350	280
Unit 6	7.70	23.30	345	280
Unit 7	0.00	0.00	0	0
Unit 8	10.23	31.81	455	342
Unit 9	9.18	30.22	414	342
Total	40.03	123.87		
Paras				
Unit 3	4.27	13.54	216	127
Unit 4	3.55	12.47	206	116
Total	7.82	26.01		
Khaparkheda				
Unit 1	3.28	10.04	150	120
Unit 2	3.36	10.45	160	120
Unit 3	3.71	11.68	172	130
Unit 4	0.00	0.00	0	0
Unit 5	10.79	32.48	480	345
Total	21.15	64.65		
Nasik				
Unit 3	3.56	11.20	174	122
Unit 4	3.31	10.24	160	123
Unit 5	0.89	6.98	140	0
Total	7.75	28.42		
Uran				
All Units	4.14	15.22	261	116
Total	4.14	15.22		
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)	0.04	0.09	13	0
Total	0.04	0.09		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.60	8.61	400	40
Stage 4	0.27	4.22	197	0
Stage 3	1.66	3.76	160	0
Total	4.54	16.59		
Hydro				
KDPH	0.22	0.27	9	9
VTRNA	0.64	2.11	61	0
TILLARI	0.47	0.47	58	0
BHIRA T.R.	0.12	0.33	77	0
SMLHY_PTN	4.96	14.53	222	195
GHATGHAR	0.00	0.00	0	0
Total	6.41	17.71		
Wind				
Total	40.20	126.14	0	0
Total	40.20	126.14		
CPP				
APML(Mus)	47.41	146.12	0	0
JSWEL(Mus)	14.34	42.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	17.89	54.11	0	0
SWPGPL-Mus	7.54	21.18	0	0
Other(Mus)	7.48	23.61	0	0
Total	94.66	287.96		
SOLAR				
Total	9.42	26.99	0	0
Total	9.42	26.99		
Tata				
Trombay 5	6.69	20.10	367	244
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	0.23	0	0
Trombay 7B	0.00	0.18	0	0
TATA Hydro	0.91	4.38	154	0
Trombay 8	3.62	11.21	204	131
Total	11.23	36.10		
AEML				
DTPS U-1&2	10.53	30.00	501	297
Total	10.53	30.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.36	403.52	MSPGCL Total	152.48	453.13
			MSPGCL Thml+Gas	141.49	418.74	Koyna 1,2 & 4 Total	2.87	12.83
			MSPGCL Hydro	10.99	34.39	State Total	318.52	960.33

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 03/Jul/2022

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5675	873	131	6679	1283	4579	0	0	5501	5777	-1331	16650	0	16650	2284	337	19271	50.02
2	5591	506	119	6216	1282	4545	0	0	5904	5859	-1227	16359	0	16359	2146	316	18821	50.00
3	5565	418	119	6102	1199	4544	0	0	6020	5889	-1176	16257	0	16257	2036	301	18594	49.99
4	5618	432	119	6169	1179	4556	0	0	5874	5813	-1092	16330	0	16330	1958	295	18583	50.03
5	5571	424	119	6114	1206	4552	0	0	6294	6322	-1112	16773	0	16773	1921	309	19003	50.02
6	5500	439	119	6058	1260	4593	0	0	6781	6794	-1149	17209	0	17209	1973	347	19529	50.02
7	5489	553	119	6161	1157	4577	0	78	7202	7242	-1182	17662	0	17662	1972	371	20005	49.99
8	5569	281	118	5968	1149	4452	0	353	7441	7529	-1261	17820	0	17820	2024	370	20214	50.02
9	5751	299	120	6170	1377	4287	0	707	6932	6934	-1389	17696	0	17696	2162	390	20248	50.04
10	5747	360	119	6226	1462	3896	0	932	7076	6979	-1366	17746	0	17746	2320	383	20449	50.07
11	5532	467	119	6118	1346	3457	0	1073	7163	7632	-1389	17862	0	17862	2460	375	20697	50.06
12	5571	716	116	6403	1484	3440	0	1194	7122	7664	-1473	18352	0	18352	2522	360	21234	50.05
13	5728	382	127	6237	1512	3451	0	1154	7306	7074	-1465	17614	0	17614	2510	349	20473	50.05
14	5784	370	125	6279	1960	3449	0	1176	6851	6496	-1409	17604	0	17604	2453	347	20404	50.00
15	5506	362	190	6058	2308	3191	0	1093	6764	6352	-1487	17147	0	17147	2428	368	19943	49.97
16	5573	376	221	6170	2357	3342	0	826	5906	6161	-1529	16956	0	16956	2412	371	19739	50.16
17	5544	324	242	6110	2455	3130	0	519	6280	6186	-1546	16462	0	16462	2366	392	19220	50.18
18	5216	316	254	5786	2566	3174	0	267	6337	6264	-1602	16063	0	16063	2329	392	18784	50.05
19	5582	684	252	6518	2351	3528	0	50	5924	6218	-1501	16765	0	16765	2340	399	19504	49.94
20	6157	587	254	6998	2225	3748	0	0	6596	6808	-1573	17804	0	17804	2441	402	20647	49.92
21	6190	728	253	7171	1974	3954	0	0	6418	6447	-1560	17588	0	17588	2497	398	20483	49.97
22	6286	411	259	6956	1911	4130	0	0	5921	5682	-1479	16830	0	16830	2468	370	19668	50.00
23	6299	362	260	6921	1700	3984	0	0	5862	5917	-1397	16758	0	16758	2430	367	19555	49.99
24	6313	317	261	6891	1498	4105	0	0	5848	5790	-1408	16520	0	16520	2407	356	19283	50.02
MUs	137.36	10.99	4.13	152.48	40.20	94.66	0.00	9.42	155.32	155.83	-33.10	410.83	0.00	410.83	54.86	8.66	474.35	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 03/Jul/2022

Position as on 6.30 Hrs of 04/Jul/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Khaparkheda Unit 4	210	05/06/2022	00:07		Continued.	Annual Overhaul	20/07/2022
MSPGCL	Koyna STG-IV Unit-2	250	13/06/2022	00:00		Continued.	Commissioning and installation of New TSLG governor	04/07/2022
IPP	RPL(AMT) U-5	270	15/06/2022	00:00		Continued.	Annual Overhaul	25/07/2022
MSPGCL	Koyna Unit 9	80	15/06/2022	08:00		Continued.	Capital Overhaul	30/09/2022
MSPGCL	Parli Unit 8	250	25/06/2022	00:00		Continued.	Short overhauling	10/07/2022
IPP	Adani U-2	660	25/06/2022	04:18		Continued.	Stator Earth Fault (Converted into AOH from 00:00Hrs dt.01/07/2022.	22/07/2022
FORCED OUTAGE								
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)	
CENT.SECTOR	Tarapur 1	160	08/01/2020	10:37		Continued.	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	22/10/2022
CENT.SECTOR	Tarapur 2	160	13/07/2020	04:38		Continued.	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	15/07/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	01/09/2022
MSPGCL	Chandrapur Unit 7	500	15/06/2022	05:01		Continued.	Turbine Gland steam temperature not maintained	18/07/2022
MSPGCL	Ghatghar Unit-2	125	18/06/2022	10:00		Continued.	for Hydraulic Intake Gate Work	07/07/2022
MSPGCL	Uran Unit B0	120	24/06/2022	06:28		Continued.	Excitation channel fault(Converted to Gas Shortage from 26-06-22)	
MSPGCL	Uran Unit 8	108	24/06/2022	15:33		Continued.	Gas shortage	
MSPGCL	Koradi Unit 9	660	27/06/2022	13:45	03/07/2022	06:46	Air Filter Problem	04/07/2022
IPP	RPL(AMT) U-3	270	30/06/2022	15:00		Continued.	Coal Shortage	05/07/2022
IPP	SWPGPL U-4	135	30/06/2022	23:23	03/07/2022	23:25	Vibration High in feed pump.	03/07/2022
TPC-G	Trombay 7B	60	01/07/2022	04:53		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	01/07/2022	05:14		Continued.	Gas shortage	
IPP	JSW (J) U4	300	01/07/2022	13:03		Continued.	Turbine bearing Vibration high	10/07/2022

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Jul/2022

Position as on 6.30 Hrs of 04/Jul/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 5	108	02/07/2022	13:18	03/07/2022	13:32	Gas shortage	
MSPGCL	Nasik Unit 5	210	02/07/2022	21:55	03/07/2022	15:55	Economizer Tube Leakage.	03/07/2022
IPP	SWPGPL U-1	135	03/07/2022	21:58	04/07/2022	00:36	PA Fan problem	03/07/2022
IPP	SWPGPL U-1	135	04/07/2022	02:38		Continued.	PA Fan problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 03/Jul/2022

Statement-VII

Position as on 6.30 Hrs of 04/Jul/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV MAINBAY Outages/Tripping							
400KV MAIN BAY 413 OF SPARE BAY @ CHANDRAPUR 2	InterState	23/06/2022	20:33			EO	for requirement of trip coil material from 400 kv spare bay 413 CB and utilise it in 400 kv Warora Ckt 2 CB 425
MAIN BAY (431) OF 167 MVA SPARE ICT @ KORADI II	IntraState	16/06/2022	11:23			PO	1) Premonsoon maintenance work& 2) Routine Bay Maintenance.
400 KV LINE Outages/Tripping							
WARORA - WARDHA (PG)	InterState	20/06/2022	10:10			PO	1. Tower Erection of loc. No. 01 under 400 kV Wardha-Warora line. 2. Connecting 400kV Warora (MSETCL) to 400kV Warora (PGCIL)
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	30/06/2022	07:24			HT	H/T FOR CONTROLLING LINE LOADING
220 KV LINE Outages/Tripping							
NALASOPARA - BOISAR PG	InterState	03/07/2022	08:26	03/07/2022	19:26	EO	Due to frequent hot spot observed at Loc no.80 (Bunching Point) Hence, shifting of bunching point from Loc no.80 to Loc no.82 is required on priority to prevent conductor from damage.
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	27/04/2022	12:21			EO	Shifting of 220kV GCR-BBLR-2 line on 220kV TBC bay.
TAMBATI - ADLABS	IntraState	03/07/2022	20:30			T	wave trap jumper broken at Adlab end
POPHALI - KDPH	IntraState	04/07/2022	03:53			T	Distance protection
220 KV ICT Outages/Tripping							
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/100 KV 200 MVA ICT 3 @ KALWA	IntraState	28/06/2022	08:51			PO	220 KV Road side Auxiliary bus(C BUS) conductor replacement work.
220/33KV 50MVA PTR 2 @ 5 STAR MIDC, KAGAL	IntraState	03/07/2022	06:55			PO	For commissioning work of 100MVA power transformer,
110 KV LINE Outages/Tripping							
DHARAVI VIKHROLI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.
DHARAVI POWAI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jul/2022

Statement-VII

Position as on 6.30 Hrs of 04/Jul/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfting these lines on new Multicircuit Towers between Darave to Vashi.

HT : Hand Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage