

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Jul/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.374	266.160	1) Gujrat	-12.483	-19.024
2) Hydro	14.045	23.404	2) Madhya Pradesh	5.922	13.876
3) Gas	4.625	11.086	3) Chattisgarh	3.760	7.400
Total MSPGCL	154.044	300.650	4) Maharashtra	155.909	313.347
B) 1) APLM	49.297	98.711	5) Goa (Amona)	-1.046	-2.125
2) JSWEL	14.220	28.596	Total	152.062	313.474
3) VIPL	0.000	0.000	a) Mumbai Schedule	33.869	67.622
4) RPL(AMT)	18.153	36.220	b) Mumbai Drawl	37.159	73.811
5) SWPGPL	7.391	13.642			
6) Other IPP	7.984	16.131	c) MSEDCL Bilateral *	85.116	166.779
7) PGPL	0.000	0.000	Include PX	0.000	0.000
C) 1) TPCL Thermal	10.459	20.996	d) Mumbai Bilateral *	33.869	67.622
2) TPCL Hydro	1.788	3.472	Include PX	0.000	0.000
3) TPCL Gas	0.000	0.407	Standby	0.000	0.000
4) AEML Thermal	9.977	19.473			
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C4+(B1-B6))	252.855	499.929	1) MSEDCL	410.250	818.939
2) Hydro (A2+C2)	15.833	26.876	2) Mumbai Discoms	59.383	118.158
3) Gas (A3+B7+C3)	4.625	11.493	3) Other Discoms	9.075	18.181
4) Wind	44.826	85.939			
6) SOLAR	8.507	17.568	TOTAL STATE	478.708	955.278
TOTAL STATE	326.646	641.805			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5663	5225	5926	5614
MSPGCL Hydro	454	373	1356	242
MSPGCL Gas	255	254	117	258
MSPGCL Total Generation	6372	5852	7399	6114
Central Sector Receipt	6603	7203	6153	5466
WIND	2059	2375	1774	1456
CPP / IPP Thermal	4110	3261	4565	4196
CPP / IPP Gas	0	0	0	0
SOLAR	940	1241	0	0
Exchange with Mumbai	-1819	-2064	-1725	-1006
MSEDCL DEMAND MET	17852	17473	17763	15931
Load Shedding	0	0	0	0
MSEDCL DEMAND	17852	17473	17763	15931
TPCL GENERATION	624	468	568	452
AEML GENERATION	497	453	428	353
MUMBAI DEMAND	2940	2985	2721	1811
OTHER DISCOM DEMAND	413	395	403	295
STATE DEMAND MET	21205	20853	20887	18037
STATE DEMAND	21205	20853	20887	18037
Frequency (Hz)	49.99	50.01	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.15 Hz at 13:30 Hrs	49.74 Hz at 22:33 Hrs	49.97	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 02/Jul/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.76	0.76	140	0
Unit 7	0.00	0.00	0	0
Unit 8	11.08	23.53	528	361
Unit 9	0.00	0.00	0	0
Unit 10	12.88	24.52	560	500
Total	24.73	48.81		
Bhusawal				
Unit 3	3.15	6.50	145	115
Unit 4	9.28	18.86	425	285
Unit 5	6.62	6.62	415	0
Total	19.06	31.98		
Parli				
Unit 6	5.08	10.16	250	148
Unit 7	4.16	9.01	209	144
Unit 8	0.00	0.00	0	0
Total	9.24	19.17		
Chandrapur				
Unit 3	2.55	4.46	120	62
Unit 4	2.88	5.92	128	109
Unit 5	7.59	15.23	345	280
Unit 6	7.64	15.60	360	275
Unit 7	0.00	0.00	0	0
Unit 8	10.73	21.58	465	429
Unit 9	10.31	21.04	453	398
Total	41.70	83.84		
Paras				
Unit 3	4.61	9.27	218	144
Unit 4	4.32	8.92	208	143
Total	8.93	18.20		
Khaparkheda				
Unit 1	3.34	6.76	150	125
Unit 2	3.51	7.08	160	125
Unit 3	3.76	7.96	166	135
Unit 4	0.00	0.00	0	0
Unit 5	10.67	21.70	475	310
Total	21.29	43.50		
Nasik				
Unit 3	3.87	7.64	185	130
Unit 4	3.63	6.93	171	131
Unit 5	2.93	6.09	150	0
Total	10.43	20.67		
Uran				
All Units	4.62	11.09	260	104
Total	4.62	11.09		
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)	0.05	0.05	14	0
Total	0.05	0.05		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.33	6.01	525	40
Stage 4	3.52	3.95	750	0
Stage 3	1.36	2.10	160	0
Total	8.21	12.05		
Hydro				
KDPH	0.05	0.05	9	0
VTRNA	0.78	1.47	61	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.11	0.21	67	0
SMLHY_PTN	4.84	9.57	215	189
GHATGHAR	0.00	0.00	0	0
Total	5.78	11.30		
Wind				
Total	44.83	85.94	0	0
Total	44.83	85.94		
CPP				
APML(Mus)	49.30	98.71	0	0
JSWEL(Mus)	14.22	28.60	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.15	36.22	0	0
SWPGPL-Mus	7.39	13.64	0	0
Other(Mus)	7.98	16.13	0	0
Total	97.04	193.30		
SOLAR				
Total	8.51	17.57	0	0
Total	8.51	17.57		
Tata				
Trombay 5	6.66	13.41	367	259
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	1.79	3.47	174	8
Trombay 8	3.80	7.59	225	135
Total	12.25	24.88		
AEML				
DTPS U-1&2	9.98	19.47	498	333
Total	9.98	19.47		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.37	266.16	MSPGCL Total	154.04	300.65
			MSPGCL Thml+Gas	140.00	277.25	Koyna 1,2 & 4 Total	6.85	9.96
			MSPGCL Hydro	14.04	23.40	State Total	326.65	641.80

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5490	242	259	5991	1640	4138	0	0	5881	5951	-1096	16273	0	16273	2084	351	18708	50.00
2	5585	241	258	6084	1456	3911	0	0	6034	6055	-1004	16164	0	16164	1956	338	18458	49.99
3	5598	238	259	6095	1393	3878	0	0	5980	5849	-1019	15887	0	15887	1858	309	18054	49.98
4	5614	242	258	6114	1456	4196	0	0	5823	5466	-1006	15931	0	15931	1811	295	18037	49.98
5	5644	372	259	6275	1763	4507	0	0	5228	5359	-980	16606	0	16606	1816	318	18740	49.97
6	5691	316	258	6265	1921	4473	0	1	6254	6130	-995	17458	0	17458	1912	337	19707	49.98
7	5755	322	254	6331	1749	4379	0	84	6900	6909	-1141	17944	0	17944	2003	367	20314	49.99
8	5747	318	260	6325	1680	3895	0	281	7216	7125	-1342	17572	0	17572	2135	392	20099	49.92
9	5686	571	259	6516	1799	4166	0	705	6480	6420	-1549	17651	0	17651	2390	406	20447	49.89
10	5749	365	255	6369	1993	4467	0	812	6557	6325	-1770	17788	0	17788	2697	408	20893	49.99
11	5663	454	255	6372	2059	4110	0	940	6904	6603	-1819	17852	0	17852	2940	413	21205	49.99
12	5533	417	256	6206	2285	3591	0	916	7393	7046	-1929	17713	0	17713	3048	402	21163	49.97
13	5225	373	254	5852	2375	3261	0	1241	7248	7203	-2064	17473	0	17473	2985	395	20853	50.01
14	5013	328	130	5471	2510	3056	0	1009	7273	7328	-2055	16922	0	16922	2855	397	20174	50.05
15	5159	982	116	6257	2541	3351	0	893	6386	6644	-2041	17254	0	17254	2861	391	20506	49.99
16	5760	529	116	6405	2466	3727	0	763	5845	5915	-1994	16879	0	16879	2878	403	20160	49.99
17	5542	303	116	5961	2388	3608	0	574	6710	6711	-1994	16849	0	16849	2820	399	20068	50.00
18	5574	443	117	6134	2216	3491	0	251	6654	6686	-1968	16408	0	16408	2759	402	19569	49.99
19	5779	859	107	6745	2229	3730	0	37	6511	6683	-1878	17120	0	17120	2707	426	20253	50.02
20	5926	1356	117	7399	1774	4565	0	0	6240	6153	-1725	17763	0	17763	2721	403	20887	49.96
21	6011	1438	119	7568	1430	4637	0	0	6187	5791	-1568	17448	0	17448	2673	410	20531	49.90
22	5949	1357	118	7424	1329	4647	0	0	5746	5947	-1508	17451	0	17451	2580	388	20419	49.95
23	5864	1212	104	7180	1214	4681	0	0	5696	5766	-1340	17136	0	17136	2484	365	19985	49.86
24	5817	767	121	6705	1160	4580	0	0	6087	5997	-1374	16707	0	16707	2410	361	19478	49.96
MUs	135.37	14.04	4.63	154.04	44.83	97.04	0.00	8.51	153.23	152.06	-37.16	410.25	0.00	410.25	59.38	9.08	478.71	49.97

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 02/Jul/2022

Position as on 6.30 Hrs of 03/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
MSPGCL	Bhusawal Unit 5	500	29/06/2022	12:09	02/07/2022	03:36	CLINKER FORMATION	01/07/2022
IPP	RPL(AMT) U-3	270	30/06/2022	15:00		Continued.	Coal Shortage	05/07/2022
MSPGCL	Koradi Unit 6	210	30/06/2022	21:35	02/07/2022	17:13	Boiler Tube Leakage	02/07/2022
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Jul/2022

Position as on 6.30 Hrs of 03/Jul/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 Vabration high	10/07/2022
IPP	SWPGPL U-1	135	02/07/2022	07:09	02/07/2022	10:25	Master fuel trip	
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		Continued.	PA Fan problem	03/07/2022

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jul/2022

Statement-VII

Position as on 6.30 Hrs of 03/Jul/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV TIEBAY Outages/Trippings							
TIE BAY - 409 OF GT - 5 @KHAPARKHEDA S/s	IntraState	02/07/2022	10:45	02/07/2022	20:15	PO	2. Bus isolator 89A IPS tube replacement/ interchanging work of 125MVA Reactor
400 KV MAINBAY Outages/Trippings							
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
400 KV MAIN BUS - 2 @ 400 KV KHAPARKHEDA 2	InterState	02/07/2022	11:01	02/07/2022	20:08	PO	2. Bus isolator 89A IPS tube replacement/ interchanging work of 125MVA Reactor
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/Trippings							
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
JAIGAD - KARAD CKT - 1	IntraState	02/07/2022	00:10	02/07/2022	06:36	HT	H/T TO CONTROL O/V
LONIKAND I -JEJURI	IntraState	02/07/2022	09:05	02/07/2022	17:54	EO	Attending hot spot on 29B isolator(Y ph) temp. -160 deg. C) & replacement of faulty Aux switch (CB).
400 KV ICT Outages/Trippings							
400/220 KV 3X105 MVA ICT - 1 @ KHARGHAR	IntraState	02/07/2022	05:08	02/07/2022	15:27	PO	For MTAMC work, Buchholz along with GCD replacement work and RM Work
220 KV LINE Outages/Trippings							
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.
BHIRA - KARANJADE 7	IntraState	02/07/2022	00:05	02/07/2022	03:18	PO	Closure inspection of Insulator at Bhira Generating station Gantry.
THEUR-JEJURI	IntraState	02/07/2022	04:35	02/07/2022	18:43	T	TRIPPED ON DIST.PROTECTION
NERLE - DASGAON	IntraState	02/07/2022	05:27	02/07/2022	06:33	T	TRIPPED ON DIST.PROTECTION
NEW KOYNA - LOTEPARSHURAM	IntraState	02/07/2022	09:30	02/07/2022	16:51	PO	For dismantling of old damaged tower at Loc. No. 56 of 220kv New Koyna - Lote & 220kv Pophali & Kandalgaon D/C Line.
KANDALGAON - KOYNA (POPHALI)	IntraState	02/07/2022	09:40	02/07/2022	16:42	PO	For dismantling of old damaged tower at Loc. No. 56 of 220kv New Koyna - Lote & 220kv Pophali & Kandalgaon D/C Line.
TROMBAY - MULUND	IntraState	02/07/2022	15:42	02/07/2022	19:31	EO	For attending hot spot on: 1. Yph top CB pad (85.6 deg.) 2. Bph top CB pad (82.5 deg.)
TAMBATI - ADLABS	IntraState	03/07/2022	20:30			T	wave trap jumper broken at Adlab end
220 KV ICT Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jul/2022

Statement-VII

Position as on 6.30 Hrs of 03/Jul/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 dismantailing 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.
220/110KV 100MVA ICT 1 @ PANDHARPUR	IntraState	02/07/2022	09:01	02/07/2022	18:50	PO	Outage is required for Oil Leakage attending work
220/22 KV 50 MVA PTR NO 4 @ THEUR	IntraState	02/07/2022	09:57	02/07/2022	13:43	PO	220/22 kV 50 MVA TF 04 HV R PH Bushing replacement work due to high tan delta
220/22 KV 50 MVA PTR 1 @ KALWA	IntraState	02/07/2022	10:43	02/07/2022	18:16	EO	For replacing of Line Isolator Damage Palm.
220/132-110KV 200MVA ICT 2 @ MIRAJ	IntraState	02/07/2022	14:00	02/07/2022	16:40	PO	Washing of bay equipments by Hotline Unit
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/Trippings							
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.
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.
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.
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.

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