

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Jul/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.866	3477.294	1) Gujrat	13.178	-94.049
2) Hydro	9.074	418.134	2) Madhya Pradesh	10.769	216.820
3) Gas	3.181	113.013	3) Chattisgarh	1.750	114.880
Total MSPGCL	126.121	4008.441	4) Maharashtra	168.771	4528.912
B) 1) APML	46.451	1563.056	5) Goa (Amona)	-1.025	-44.603
2) JSWEL	12.526	427.775	Total	193.443	4721.960
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.921	1051.318
4) RPL(AMT)	18.819	623.973	b) Mumbai Drawl	36.500	1134.237
5) SWPGPL	5.350	204.054	c) MSEDCL Bilateral *	75.320	2200.321
6) Other IPP	6.506	187.324	Include PX	0.000	2.872
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.921	1049.105
C) 1) TPCL Thermal	9.642	316.097	Include PX	0.000	0.000
2) TPCL Hydro	3.572	175.434	Standby	0.000	2.213
3) TPCL Gas	2.815	9.634	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.395	202.779	1) MSEDCL	386.679	11770.020
D) STATE			2) Mumbai Discoms	56.930	1838.190
1) Thermal	217.555	7002.352	3) Other Discoms	8.593	270.611
(A1+C1+C4+(B1-B6))			TOTAL STATE	452.202	13878.821
2) Hydro (A2+C2)	12.646	593.568			
3) Gas (A3+B7+C3)	5.996	122.647			
4) Wind	11.524	1233.375			
6) SOLAR	11.032	204.910			
TOTAL STATE	258.753	9156.852			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4824	4436	5104	4710
MSPGCL Hydro	406	355	769	299
MSPGCL Gas	132	129	130	134
MSPGCL Total Generation	5362	4920	6003	5143
Central Sector Receipt	9095	8432	8858	6984
WIND	524	265	608	344
CPP / IPP Thermal	3341	3258	3866	4290
CPP / IPP Gas	0	0	0	0
SOLAR	751	1429	0	0
Exchange with Mumbai	-1512	-1812	-1564	-1238
MSEDCL DEMAND MET	17182	16150	17348	15224
Load Shedding	0	0	0	0
MSEDCL DEMAND	17182	16150	17348	15224
TPCL GENERATION	585	566	789	661
AEML GENERATION	184	180	151	180
MUMBAI DEMAND	2281	2558	2504	2079
OTHER DISCOM DEMAND	378	341	422	299
STATE DEMAND MET	19842	19050	20275	17602
STATE DEMAND	19842	19050	20275	17602
Frequency (Hz)	50.06	50.09	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.24 Hz at 13:01 Hrs	49.85 Hz at 18:42 Hrs	50.03	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 31/Jul/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.50	74.56	130	60
Unit 7	0.00	0.00	0	0
Unit 8	0.00	43.27	0	0
Unit 9	9.11	230.12	410	335
Unit 10	10.62	324.24	485	413
Total	22.22	672.18		
Bhusawal				
Unit 3	0.00	44.11	0	0
Unit 4	7.66	243.44	385	280
Unit 5	7.56	221.88	360	280
Total	15.22	509.44		
Parli				
Unit 6	4.12	134.75	188	150
Unit 7	3.82	113.56	184	140
Unit 8	3.76	73.64	175	139
Total	11.69	321.95		
Chandrapur				
Unit 3	1.55	24.24	76	59
Unit 4	1.73	68.49	82	55
Unit 5	4.53	187.73	225	125
Unit 6	6.14	166.30	285	207
Unit 7	0.00	0.00	0	0
Unit 8	9.62	279.31	458	282
Unit 9	9.86	286.94	455	312
Total	33.42	1013.02		
Paras				
Unit 3	3.96	101.61	185	135
Unit 4	3.91	109.83	184	142
Total	7.87	211.44		
Khaparkheda				
Unit 1	3.16	81.16	140	120
Unit 2	2.86	88.26	130	95
Unit 3	3.39	102.06	164	129
Unit 4	3.28	55.74	147	127
Unit 5	7.28	261.20	375	275
Total	19.97	588.43		
Nasik				
Unit 3	2.66	88.76	130	90
Unit 4	0.00	39.36	0	0
Unit 5	0.80	32.72	135	0
Total	3.46	160.84		
Uran				
All Units	3.18	113.01	145	128
Total	3.18	113.01		
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)	0.61	11.37	26	25
Total	0.61	11.37		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.27	72.96	255	40
Stage 4	0.19	62.78	136	0
Stage 3	0.58	46.77	138	0
Total	2.04	182.51		
Hydro				
KDPH	0.00	11.87	0	0
VTRNA	0.00	19.24	0	0
TILLARI	0.46	14.88	58	0
BHIRA T.R.	0.44	12.83	77	0
SMLHY_PTN	5.52	162.48	237	223
GHATGHAR	0.00	2.95	0	0
Total	6.42	224.25		
Wind				
Total	11.52	1233.38	0	0
Total	11.52	1233.38		
CPP				
APML(Mus)	46.45	1563.06	0	0
JSWEL(Mus)	12.53	427.78	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.82	623.97	0	0
SWPGPL-Mus	5.35	204.05	0	0
Other(Mus)	6.51	187.32	0	0
Total	89.65	3006.18		
SOLAR				
Total	11.03	204.91	0	0
Total	11.03	204.91		
Tata				
Trombay 5	6.45	199.90	275	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.76	6.02	115	42
Trombay 7B	1.05	3.62	65	0
TATA Hydro	3.57	175.43	271	80
Trombay 8	3.19	116.20	136	130
Total	16.03	501.16		
AEMIL				
DTPS U-1&2	4.40	202.78	227	151
Total	4.40	202.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	113.87	3477.29	MSPGCL Total	126.12	4008.44
			MSPGCL Thml+Gas	117.05	3590.31	Koyna 1,2 & 4 Total	1.46	135.74
			MSPGCL Hydro	9.07	418.13	State Total	258.75	9156.85

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/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	4629	380	133	5142	155	4286	0	0	7597	7716	-1503	15469	0	15469	2451	327	18247	50.01
2	4633	297	134	5064	262	4281	0	0	7309	7303	-1394	15199	0	15199	2292	317	17808	50.01
3	4661	298	134	5093	322	4082	0	0	7347	7281	-1300	15178	0	15178	2162	300	17640	49.99
4	4710	299	134	5143	344	4290	0	0	7285	6984	-1238	15224	0	15224	2079	299	17602	49.99
5	4723	317	134	5174	402	4121	0	0	7869	7544	-1199	15722	0	15722	2046	321	18088	50.02
6	4738	321	134	5193	409	4111	0	0	8661	8141	-1249	16274	0	16274	2084	331	18689	50.04
7	4746	352	144	5242	407	3880	0	74	9304	8938	-1253	16943	0	16943	2077	345	19365	50.04
8	4766	339	134	5239	455	3326	0	386	9400	8975	-1349	16664	0	16664	2144	368	19176	50.03
9	4824	406	132	5362	524	3341	0	751	8476	9095	-1512	17182	0	17182	2281	378	19842	50.06
10	4822	396	131	5349	375	3736	0	1065	8227	8329	-1677	16796	0	16796	2432	381	19609	50.03
11	4606	401	131	5138	375	3384	0	1376	8747	8246	-1793	16344	0	16344	2546	382	19272	50.04
12	4254	357	130	4741	236	3283	0	1391	8787	8811	-1821	16271	0	16271	2578	370	19220	50.04
13	4436	355	129	4920	265	3258	0	1429	8342	8432	-1812	16150	0	16150	2558	341	19050	50.09
14	4267	352	130	4749	389	3164	0	1421	8192	8052	-1762	15669	0	15669	2493	344	18506	50.13
15	4251	354	128	4733	686	3162	0	1183	8364	8172	-1746	15828	0	15828	2478	362	18669	50.05
16	4273	393	128	4794	716	3224	0	947	8282	8055	-1717	15665	0	15665	2467	354	18486	50.05
17	4662	318	128	5108	725	3322	0	656	7795	7823	-1645	15618	0	15618	2429	371	18418	50.03
18	4962	293	128	5383	662	3373	0	298	8046	7872	-1609	15596	0	15596	2393	383	18372	50.00
19	5096	291	129	5516	524	3455	0	54	8583	8207	-1512	15831	0	15831	2394	412	18638	49.99
20	5104	769	130	6003	608	3866	0	0	8771	8858	-1564	17348	0	17348	2504	422	20275	49.97
21	5159	524	134	5817	676	4304	0	0	8354	8409	-1463	17349	0	17349	2505	394	20248	50.01
22	5182	499	133	5814	667	4340	0	0	7687	7526	-1439	16523	0	16523	2508	384	19416	50.04
23	5159	427	145	5731	649	4137	0	0	7665	7694	-1453	16400	0	16400	2506	358	19264	50.01
24	5203	336	134	5673	691	3925	0	0	7277	6980	-1490	15433	0	15433	2517	347	18296	50.01
MUs	113.87	9.07	3.18	126.12	11.52	89.65	0.00	11.03	196.37	193.44	-36.50	386.68	0.00	386.68	56.92	8.59	452.20	50.03

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 31/Jul/2022

Position as on 6.30 Hrs of 01/Aug/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 7	500	15/06/2022	05:01		Continued.	Annual Overhaul	31/07/2022
MSPGCL	Koyna Unit 9	80	15/06/2022	08:00		Continued.	Capital Overhaul	30/09/2022
MSPGCL	Koradi Unit 8	660	04/07/2022	21:55		Continued.	Annual Overhaul	10/08/2022
IPP	Adani U-3	660	27/07/2022	00:05		Continued.	Annual Overhaul	17/08/2022
FORCED OUTAGE								
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)	
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	
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	01/08/2022
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	
IPP	RPL(AMT) U-3	270	30/06/2022	15:00		Continued.	Coal Shortage	
IPP	JSW (J) U4	300	01/07/2022	13:03		Continued.	Turbine bearing Vabration high	24/08/2022
TPC-G	Trombay 7B	60	07/07/2022	01:21	31/07/2022	01:37	Gas shortage	
MSPGCL	Nasik Unit 5	210	11/07/2022	17:00	31/07/2022	16:00	WET COAL	
AEML	AEML Unit 2	250	13/07/2022	00:38		Continued.	Coal Shortage	
IPP	SWPGPL U-3	135	14/07/2022	14:58		Continued.	FD Fan Problem(converted to coal shortage from 19-7-2022)	
MSPGCL	Nasik Unit 4	210	14/07/2022	19:55		Continued.	Wet Coal Problem.	
MSPGCL	Bhusawal Unit 3	210	16/07/2022	06:30		Continued.	Critical coal stock	
IPP	SWPGPL U-2	135	20/07/2022	01:00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	20/07/2022	10:00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	24/07/2022	13:14		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/Jul/2022

Position as on 6.30 Hrs of 01/Aug/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 3	210	01/08/2022	00:03	01/08/2022	04:43	DRUM LEVEL HIGH	01/08/2022

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Jul/2022

Statement-VII

Position as on 6.30 Hrs of 01/Aug/2022

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 1500 MVA ICT-1 @ EKTUNI	IntraState	31/07/2022	11:50	31/07/2022	20:28	PO	Diagnostic Testing & Routine Maintenance
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 LINE Outages/Trippings							
PARLI(MS) - PARLI (PG) CKT -2	InterState	01/08/2022	07:55			HT	outage proposed by PG
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	26/07/2022	11:09			HT	H/T FOR 400KV TALEGAON PG-CHAKAN LINE LOADING
KHADKA-AURANGABAD (WALUJ)	IntraState	29/07/2022	20:19	01/08/2022	06:36	HT	H/T DUE TO O/V
CHANDRAPUR GCR - CHANDRAPUR 2 CKT 2	IntraState	30/07/2022	11:32	31/07/2022	02:37	PO	Retrofitting of M- I relay of GCR cktly II
JAIGAD - KARAD CKT - 2	IntraState	30/07/2022	21:10	01/08/2022	06:34	HT	H/T DUE TO O/V
KALWA - KHARGHAR	IntraState	31/07/2022	18:53	31/07/2022	20:10	EO	To attend Hotspot on R-Phase Bus side CB palm @259 Deg. Celsius
220 KV LINE Outages/Trippings							
BALE - SOLAPUR (PG)	InterState	30/07/2022	16:53	31/07/2022	13:22	T	TRIPPED ON DISTANCE PROTECTION
BORIVALI - BOISAR (PG)	IntraState	18/07/2022	16:18			EO	Shifting of Line on TBC due to damaged B-Ph jumper (Twin) between Main Bus & Bus Isolator.
EKLAHARE (OCR) - PADGHE	IntraState	26/07/2022	10:04	01/08/2022	05:25	HT	H/T DUE TO 220KV BBSLR-NASIK LINE LOADING
HINJAWADI I- CHINCHWAD	IntraState	30/07/2022	08:35			PO	Box cross arm & aux cross arm erection & dismantling of chinch-Hinj I line-2 Nos spans & restringing of 2 nos span of line on MDN +3 tower charging of Line. CB overhauling work
KALWA SALSETTE - 3	IntraState	31/07/2022	06:44	31/07/2022	13:03	PO	For replacing A Phase LA at Salsette.
KALWA SALSETTE - 3	IntraState	31/07/2022	06:44	31/07/2022	13:23	PO	For replacing A Phase LA at Salsette.
KHARGHAR - CTRLS CKT	IntraState	31/07/2022	08:28	01/08/2022	06:50	PO	For carrying out the work of Charging of 220 KV Net magic S/S as a radial feeder at Loc. No 46.
KALWA - TFIPL	IntraState	31/07/2022	08:34	01/08/2022	06:00	PO	Outage required for safety purpose for For carrying out the work of Charging of 220 KV Net magic S/S as a radial feeder at Loc. No 46 of 220KV Kharghar-CTRLS Line (M/C Line)
TEMBHURNI - JEUR	IntraState	31/07/2022	11:59	31/07/2022	15:05	PO	Outage is required for To attend hot spot by replacing jumper of R-phase CT
DHARAVI - MAHALAXMI	IntraState	01/08/2022	00:10	01/08/2022	05:28	PO	PROTECTION TESTING
TALANDGE - ICHALKARANJI 2	IntraState	01/08/2022	09:29			PO	1) For Quarterly bay maintenance work. 2) Bay Diagnostic testing work 3) Hot spot attending work
220 KV ICT Outages/Trippings							
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 @ MAHAD	IntraState	01/08/2022	10:22			PO	Hotspot attending work .

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/Jul/2022

Statement-VII

Position as on 6.30 Hrs of 01/Aug/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33KV 100MVA PTR 2 @ 5 STAR MIDC, KAGAL	IntraState	01/08/2022	10:52			PO	For attending oil leakage, maintaining ground clearance of LA jump.
110 KV LINE Outages/Trippings							
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.
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 shfiting 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 shfiting these lines on new Multicircuit Towers between Darave to Vashi.
TATA BORIVLI MSETCL BORIVLI 1	IntraState	01/08/2022	09:52			PO	TREE TRIMMING

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