

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Aug/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	92.804	1106.696	1) Gujrat	4.834	65.374
2) Hydro	13.091	134.606	2) Madhya Pradesh	2.224	38.186
3) Gas	5.932	51.534	3) Chattisgarh	3.260	25.870
Total MSPGCL	111.827	1292.836	4) Maharashtra	130.926	1626.309
B) 1) APML	42.589	492.043	5) Goa (Amona)	-1.637	-11.838
2) JSWEL	13.727	144.377	Total	139.607	1743.901
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.394	329.521
4) RPL(AMT)	17.023	186.095	b) Mumbai Drawl	33.180	351.007
5) SWPGPL	7.484	65.210	c) MSEDCL Bilateral *	89.220	734.437
6) Other IPP	6.105	65.053	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.394	329.308
C) 1) TPCL Thermal	9.674	105.208	Include PX	0.000	0.000
2) TPCL Hydro	5.124	47.839	Standby	0.000	0.214
3) TPCL Gas	2.580	27.663	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.776	94.006	1) MSEDCL	365.363	3926.179
D) STATE			2) Mumbai Discoms	60.334	625.723
1) Thermal	199.182	2258.688	3) Other Discoms	8.611	87.882
(A1+C1+C4+(B1-B6))			TOTAL STATE	434.308	4639.784
2) Hydro (A2+C2)	18.215	182.445			
3) Gas (A3+B7+C3)	8.512	79.197			
4) Wind	63.529	299.953			
6) SOLAR	5.263	75.600			
TOTAL STATE	294.701	2895.883			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3863	4027	4013	3734
MSPGCL Hydro	532	393	1391	410
MSPGCL Gas	271	231	237	247
MSPGCL Total Generation	4666	4651	5641	4391
Central Sector Receipt	7211	5914	5909	4772
WIND	2748	2554	2684	2676
CPP / IPP Thermal	4076	3818	4452	3204
CPP / IPP Gas	0	0	0	0
SOLAR	394	134	0	0
Exchange with Mumbai	-1580	-1589	-1390	-872
MSEDCL DEMAND MET	17138	15087	16896	13887
Load Shedding	0	0	0	0
MSEDCL DEMAND	17138	15087	16896	13887
TPCL GENERATION	621	852	892	618
AEML GENERATION	422	369	482	375
MUMBAI DEMAND	2623	2810	2764	1865
OTHER DISCOM DEMAND	377	394	400	284
STATE DEMAND MET	20138	18292	20060	16036
STATE DEMAND	20138	18292	20060	16036
Frequency (Hz)	50.17	49.93	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.29 Hz at 08:18 Hrs	49.71 Hz at 13:21 Hrs	50	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 10/Aug/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.46	26.69	130	65
Unit 7	0.00	0.00	0	0
Unit 8	4.54	4.54	441	0
Unit 9	0.00	46.51	0	0
Unit 10	9.87	103.98	490	340
Total	16.87	181.73		
Bhusawal				
Unit 3	2.18	3.15	135	50
Unit 4	7.42	80.81	375	275
Unit 5	0.00	55.81	0	0
Total	9.60	139.76		
Parli				
Unit 6	3.94	41.52	188	148
Unit 7	3.90	32.64	194	144
Unit 8	3.63	36.45	164	138
Total	11.47	110.61		
Chandrapur				
Unit 3	2.12	22.70	99	82
Unit 4	0.00	12.42	0	0
Unit 5	5.12	51.96	240	195
Unit 6	3.68	51.39	260	0
Unit 7	0.00	0.00	0	0
Unit 8	8.76	94.88	433	284
Unit 9	8.63	96.13	429	286
Total	28.30	329.48		
Paras				
Unit 3	3.48	38.63	158	120
Unit 4	3.45	39.03	153	135
Total	6.93	77.66		
Khaparkheda				
Unit 1	2.20	26.80	110	50
Unit 2	2.06	27.73	115	55
Unit 3	3.11	37.09	140	104
Unit 4	3.02	35.99	136	115
Unit 5	3.13	79.76	370	0
Total	13.53	207.37		
Nasik				
Unit 3	3.06	30.63	143	110
Unit 4	0.00	0.00	0	0
Unit 5	3.04	29.46	147	114
Total	6.10	60.09		
Uran				
All Units	5.93	51.53	271	179
Total	5.93	51.53		
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)	0.58	6.06	27	23
Total	0.58	6.06		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.96	26.46	305	30
Stage 4	0.97	22.61	507	0
Stage 3	1.90	16.70	160	0
Total	4.83	65.76		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.85	4.60	61	0
TILLARI	1.32	3.87	55	55
BHIRA T.R.	0.48	4.40	80	0
SMLHY_PTN	5.03	47.46	219	196
GHATGHAR	0.00	2.45	0	0
Total	7.68	62.79		
Wind				
Total	63.53	299.95	0	0
Total	63.53	299.95		
CPP				
APML(Mus)	42.59	492.04	0	0
JSWEL(Mus)	13.73	144.38	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	17.02	186.10	0	0
SWPGPL-Mus	7.48	65.21	0	0
Other(Mus)	6.10	65.05	0	0
Total	86.93	952.78		
SOLAR				
Total	5.26	75.60	0	0
Total	5.26	75.60		
Tata				
Trombay 5	6.48	69.74	276	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.50	16.17	113	4
Trombay 7B	1.08	11.49	66	0
TATA Hydro	5.12	47.84	376	42
Trombay 8	3.19	35.47	135	132
Total	17.38	180.71		
AEML				
DTPS U-1&2	9.78	94.01	494	323
Total	9.78	94.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	92.80	1106.70	MSPGCL Total	111.83	1292.84
			MSPGCL Thml+Gas	98.74	1158.23	Koyna 1,2 & 4 Total	2.93	49.06
			MSPGCL Hydro	13.09	134.61	State Total	294.70	2895.88

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/Aug/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	3790	411	179	4380	2775	3405	0	0	5049	4849	-964	14130	0	14130	2128	315	16573	49.90
2	3795	417	215	4427	2709	3090	0	0	4959	4718	-828	13823	0	13823	1967	293	16083	49.98
3	3734	410	247	4391	2676	3204	0	0	4854	4772	-872	13887	0	13887	1865	284	16036	50.00
4	3736	418	267	4421	2717	3208	0	0	4921	4864	-856	14066	0	14066	1818	288	16172	50.02
5	3914	423	269	4606	2771	3189	0	0	4985	4810	-866	14212	0	14212	1828	298	16338	50.00
6	4031	464	259	4754	2703	3534	0	0	5339	5547	-930	15276	0	15276	1963	332	17571	49.98
7	4063	892	270	5225	2671	3827	0	32	6001	6380	-1051	16736	0	16736	2132	348	19216	49.97
8	4058	634	258	4950	2629	4245	0	162	6658	6701	-1268	17042	0	17042	2328	377	19747	50.04
9	3863	532	271	4666	2748	4076	0	394	7260	7211	-1580	17138	0	17138	2623	377	20138	50.17
10	3882	504	269	4655	2800	3473	0	538	7528	7235	-1876	16428	0	16428	2916	397	19741	50.03
11	3645	453	247	4345	2737	3375	0	736	7346	7126	-2065	15855	0	15855	3077	399	19331	49.98
12	3488	670	266	4424	2621	3289	0	668	6743	6751	-2025	15336	0	15336	3114	392	18842	49.95
13	3667	470	260	4397	2550	3283	0	736	5968	5942	-1945	14595	0	14595	3044	368	18007	49.97
14	3632	397	264	4293	2603	3122	0	597	5883	5867	-1819	14294	0	14294	2903	369	17566	49.93
15	3821	385	254	4460	2384	3123	0	565	5901	5759	-1761	14166	0	14166	2859	364	17389	50.00
16	3766	370	253	4389	2611	3120	0	395	6274	5995	-1737	14404	0	14404	2862	369	17635	50.04
17	3857	372	246	4475	2744	3201	0	280	6241	6237	-1662	14893	0	14893	2825	382	18100	49.93
18	4027	393	231	4651	2554	3818	0	134	5923	5914	-1589	15087	0	15087	2810	394	18292	49.93
19	3955	831	226	5012	2565	4261	0	26	6089	5924	-1477	15905	0	15905	2795	406	19106	49.99
20	4013	1391	237	5641	2684	4452	0	0	5986	5909	-1390	16896	0	16896	2764	400	20060	50.00
21	4077	606	237	4920	2587	4416	0	0	6148	6219	-1306	16455	0	16455	2634	381	19470	50.04
22	4072	580	235	4887	2588	4423	0	0	5433	5293	-1214	15591	0	15591	2499	386	18476	50.03
23	4077	560	237	4874	2574	4190	0	0	5094	4695	-1052	14935	0	14935	2344	346	17625	50.01
24	3841	508	235	4584	2528	3604	0	0	4829	4889	-1047	14213	0	14213	2236	345	16794	50.00
MUs	92.80	13.09	5.93	111.83	63.53	86.93	0.00	5.26	141.41	139.61	-33.18	365.36	0.00	365.36	60.33	8.61	434.31	50.00

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 10/Aug/2022

Position as on 6.30 Hrs of 11/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	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	10/08/2022	08:20	Annual Overhaul	10/08/2022
IPP	Adani U-3	660	27/07/2022	00:05		Continued.	Annual Overhaul	17/08/2022
MSPGCL	Koyna Unit 4	70	05/08/2022	17:20		Continued.	Generator winding differential protection	20/09/2022
MSPGCL	Bhusawal Unit 5	500	08/08/2022	12:31		Continued.	Bottom ash Hopper damaged due to felling of clinker in the boiler (Converted into Annual Overhaul for 33 Days.)	10/09/2022
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	
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	01/09/2022
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 Vibration high	24/08/2022
MSPGCL	Nasik Unit 4	210	14/07/2022	19:55		Continued.	Wet Coal Problem.	
IPP	SWPGPL U-2	135	20/07/2022	01:00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	03/08/2022	03:00		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	03/08/2022	21:45		Continued.	Boiler Validity Renevoation	
MSPGCL	Koradi Unit 9	660	07/08/2022	14:53		Continued.	Boiler Tube Leakage	12/08/2022
MSPGCL	Ghatghar Unit-2	125	08/08/2022	01:05		Continued.	CW PUMP PROBLEM	12/08/2022
MSPGCL	Uran Unit B0	120	09/08/2022	06:02	10/08/2022	01:59	BUS 2 FAULT AT 220 KV URAN S/S.	
MSPGCL	Uran Unit 6	108	09/08/2022	12:24	10/08/2022	15:05	BUS 2 FAULT AT 220KV URAN S/S	
MSPGCL	Khaparkheda Unit 5	500	10/08/2022	10:18		Continued.	Boiler Tube Leakage	13/08/2022

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Aug/2022

Position as on 6.30 Hrs of 11/Aug/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyna Unit 5	80	10/08/2022	11:00	10/08/2022	17:00	Major Governor Failure	
MSPGCL	Chandrapur Unit 6	500	10/08/2022	18:00		Continued.	Furnace Pressure High	11/08/2022
TPC-G	Trombay 7B	60	10/08/2022	22:50		Continued.	zero Schedule.	17/08/2022
TPC-G	Trombay 7A	120	10/08/2022	23:15		Continued.	Zero Schedule.	17/08/2022
MSPGCL	Khaparkheda Unit 4	210	10/08/2022	23:58		Continued.	Boiler Tube Leakage	13/08/2022
MSPGCL	Uran Unit A0	120	11/08/2022	08:43		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	11/08/2022	08:54		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 11/Aug/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							
400KV TIE BAY 411 STN T/F 2-KORADI CKT	InterState	09/08/2022	14:49			EO	Gas Replenishment in Tie breaker (411) due to low SF6 Gas Alarm is persisting
TIE BAY (414) OF GT-8 @ CHANDRAPUR SWITCHING SS	IntraState	11/08/2022	10:24	11/08/2022	12:49	EO	for attending Hotspot on R-Phase 89B isolator tekoff assembly clamp. (temp>160 degree)
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							
AURANGABAD(MS) - AURANGABAD(PG) CKT -2	InterState	10/08/2022	10:21	10/08/2022	20:55	HT	Outage at PG end
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	05/08/2022	00:06			HT	For load management
KARAD - TALANDGE CKT - 1	IntraState	05/08/2022	18:14			EO	Sparking observed at B -phase C Bus isolator own bay during shifting on TBC for CB overhauling work.
KHADKA-AURANGABAD (WALUJ)	IntraState	07/08/2022	00:52	10/08/2022	09:56	HT	To control overvoltage
KARAD - LONIKAND I	IntraState	09/08/2022	13:07			HT	To control loading
KHADKA- DEEPNAGAR CKT 1	IntraState	10/08/2022	10:29	10/08/2022	18:05	PO	Diagnostic Testing work
KHADKA-AURANGABAD (WALUJ)	IntraState	10/08/2022	21:14			HT	To control Overvoltage
THAPTI TANDA - AURANGABAD (WALUJ)	IntraState	11/08/2022	11:34				1)Pending work related to work done by Project Division at Loc.No.154 2)To fix repair sleeve for broken strands of conductor at span 218-219
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - PADGHE	IntraState	03/08/2022	05:03	10/08/2022	08:06	HT	H/T for Line Loading.
HALKARNI-MAHALAXMI LINE	IntraState	10/08/2022	02:37	10/08/2022	18:45	T	TRIPPED ON DISTANCE PROTECTION
MAGAR PATTA CITY- SERUM	IntraState	10/08/2022	10:05	10/08/2022	18:26	PO	1) L.N.-37, B & Y Phase,L.N.-1,R Phase, L.N.-4,Y Phase Double Jumepring work 2) L.N.-36, B, L.N.-38 B Phase arcing horn replacement work 3) L.N.-37, Y Phase , Quarter D Shaklee Replacement work
HINJEWADI 3 - NXTRA GIS CKT - 2	IntraState	10/08/2022	10:45	10/08/2022	17:49	PO	Annual Relay testing
TEMBHURNI - JEUR	IntraState	10/08/2022	11:13	10/08/2022	16:25	PO	Outage is required for Quarterly Maintenance
VITA - KHANAPUR LINE	IntraState	10/08/2022	11:37	10/08/2022	13:09	HT	Emergency Hand Trip due to attending Bph. CT to line jumper Sparking.
MAIN BUS @ TEMBHURNI	IntraState	10/08/2022	11:40	10/08/2022	16:26	PO	Outage is required for Quarterly Maintenance
INFOSYS - HINJAWADI 1	IntraState	10/08/2022	11:45	10/08/2022	18:44	PO	A) Tower Erection - 72MT MCTT Tower Main Body Erection B) Erection of one side Cross Arm (Road Side) C) Tower Tightneing
APTA - TAMBATI	IntraState	10/08/2022	12:28	10/08/2022	13:39	T	Tripped on Dist Protection, Z1, Rph. 2.9kM and 8.7kA
BUS SECTION BREAKER-3 @ TROMBAY	IntraState	10/08/2022	16:56	10/08/2022	17:25	EO	FOR RAISING SF6 GAS.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 11/Aug/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
INFOSYS - HINJAWADI 1	IntraState	11/08/2022	08:23	11/08/2022	14:27	PO	A) Tower Erection - 72MT MCTT Tower Main Body Erection B) Erection of one side Cross Arm (Road Side) C) Tower Tightneing
ADLABS - PEDAMBE	IntraState	11/08/2022	09:15			T	R-ph Wave Trap Jumper broken at Adlab end.
THEUR- MAGAR PATTI CITY	IntraState	11/08/2022	10:32			PO	1) L.n.-02, R Phase,L.N.-3,Y Phase, L.n.-13,Y Phase Double Jumepring work 2) L.n.-26, B Phase STN String replacement work
CHAKAN-MAHINDRA VEHICLE	IntraState	11/08/2022	13:23			PO	For replacement of 220 KV Y Phase CT due to Higher Tan Delta and Oil leakage.
LONIKAND 2 - BHOSARI	IntraState	11/08/2022	14:09			PO	FIXING OF EARTH BLADES FOR LINE ISOLATOR
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.
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 - 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