

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Aug/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	86.297	1192.993	1) Gujrat	8.041	73.415
2) Hydro	10.009	144.615	2) Madhya Pradesh	5.377	43.563
3) Gas	4.185	55.719	3) Chattisgarh	3.310	29.180
Total MSPGCL	100.491	1393.327	4) Maharashtra	123.753	1750.062
B) 1) APLM	41.120	533.163	5) Goa (Amona)	-2.041	-13.879
2) JSWEL	13.756	158.133	Total	138.440	1882.341
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.915	359.436
4) RPL(AMT)	16.927	203.022	b) Mumbai Drawl	32.478	383.485
5) SWPGPL	7.751	72.961	c) MSEDCL Bilateral *	80.493	814.930
6) Other IPP	5.551	70.604	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.915	359.223
C) 1) TPCL Thermal	9.611	114.819	Include PX	0.000	0.000
2) TPCL Hydro	6.742	54.581	Standby	0.000	0.214
3) TPCL Gas	0.000	27.663	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.030	103.036	1) MSEDCL	352.511	4278.690
D) STATE			2) Mumbai Discoms	57.861	683.584
1) Thermal	190.043	2448.731	3) Other Discoms	8.610	96.492
(A1+C1+C4+(B1-B6))			TOTAL STATE	418.982	5058.766
2) Hydro (A2+C2)	16.751	199.196			
3) Gas (A3+B7+C3)	4.185	83.382			
4) Wind	63.024	362.977			
6) SOLAR	6.539	82.139			
TOTAL STATE	280.542	3176.425			

* 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 4 Hrs
MSPGCL Thermal	3829	3250	3590	3766
MSPGCL Hydro	356	426	690	309
MSPGCL Gas	217	176	115	233
MSPGCL Total Generation	4402	3852	4395	4308
Central Sector Receipt	7466	5834	6860	4873
WIND	2575	2856	2511	2461
CPP / IPP Thermal	3670	3599	3895	3410
CPP / IPP Gas	0	0	0	0
SOLAR	412	193	0	0
Exchange with Mumbai	-1435	-1471	-1421	-891
MSEDCL DEMAND MET	16708	14483	15841	13866
Load Shedding	0	0	0	0
MSEDCL DEMAND	16708	14483	15841	13866
TPCL GENERATION	687	766	776	566
AEML GENERATION	416	326	357	374
MUMBAI DEMAND	2538	2563	2554	1831
OTHER DISCOM DEMAND	383	379	399	295
STATE DEMAND MET	19628	17426	18794	15992
STATE DEMAND	19628	17426	18794	15992
Frequency (Hz)	50.13	50.06	49.94	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.3 Hz at 10.02 Hrs	49.64 Hz at 11.23 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 11/Aug/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.48	29.18	135	50
Unit 7	0.00	0.00	0	0
Unit 8	8.09	12.63	479	0
Unit 9	0.00	46.51	0	0
Unit 10	10.01	113.99	480	355
Total	20.59	202.31		
Bhusawal				
Unit 3	2.14	5.29	120	45
Unit 4	7.92	88.73	385	280
Unit 5	0.00	55.81	0	0
Total	10.06	149.82		
Parli				
Unit 6	3.70	45.23	180	123
Unit 7	3.93	36.58	187	140
Unit 8	3.86	40.31	186	139
Total	11.50	122.11		
Chandrapur				
Unit 3	1.85	24.55	99	48
Unit 4	0.00	12.42	0	0
Unit 5	5.48	57.44	240	215
Unit 6	0.07	51.46	72	0
Unit 7	0.00	0.00	0	0
Unit 8	8.49	103.36	416	284
Unit 9	8.50	104.63	417	279
Total	24.39	353.87		
Paras				
Unit 3	3.35	41.99	149	128
Unit 4	3.35	42.38	147	131
Total	6.70	84.37		
Khaparkheda				
Unit 1	1.87	28.67	105	35
Unit 2	2.20	29.93	115	70
Unit 3	3.03	40.12	147	96
Unit 4	0.00	35.99	0	0
Unit 5	0.00	79.76	0	0
Total	7.10	214.47		
Nasik				
Unit 3	2.91	33.54	140	101
Unit 4	0.00	0.00	0	0
Unit 5	3.05	32.51	159	116
Total	5.96	66.04		
Uran				
All Units	4.18	55.72	235	113
Total	4.18	55.72		
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)	0.60	6.66	25	25
Total	0.60	6.66		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	0.96	27.42	80	35
Stage 4	0.00	22.61	0	0
Stage 3	0.87	17.57	160	0
Total	1.84	67.60		
Hydro				
KDPH	0.32	0.32	36	0
VTRNA	0.88	5.48	61	0
TILLARI	1.08	4.95	55	0
BHIRA T.R.	0.50	4.90	80	0
SMLHY_PTN	4.80	52.26	216	189
GHATGHAR	0.00	2.45	0	0
Total	7.57	70.36		
Wind				
Total	63.02	362.98	0	0
Total	63.02	362.98		
CPP				
APML(Mus)	41.12	533.16	0	0
JSWEL(Mus)	13.76	158.13	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	16.93	203.02	0	0
SWPGPL-Mus	7.75	72.96	0	0
Other(Mus)	5.55	70.60	0	0
Total	85.10	1037.88		
SOLAR				
Total	6.54	82.14	0	0
Total	6.54	82.14		
Tata				
Trombay 5	6.45	76.19	274	261
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	16.17	0	0
Trombay 7B	0.00	11.49	0	0
TATA Hydro	6.74	54.58	379	164
Trombay 8	3.16	38.63	134	125
Total	16.35	197.06		
AEMIL				
DTPS U-1&2	9.03	103.04	493	296
Total	9.03	103.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	86.30	1192.99	MSPGCL Total	100.49	1393.33
			MSPGCL Thml+Gas	90.48	1248.71	Koyna 1,2 & 4 Total	0.96	50.03
			MSPGCL Hydro	10.01	144.62	State Total	280.54	3176.42

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/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	3765	375	224	4364	2501	3619	0	0	4524	4657	-896	13928	0	13928	2134	317	16379	50.01
2	3790	311	234	4335	2485	3653	0	0	4497	4448	-841	13778	0	13778	1999	302	16079	50.04
3	3830	312	223	4365	2549	3503	0	0	4647	4564	-862	13842	0	13842	1890	277	16009	50.02
4	3766	309	233	4308	2461	3410	0	0	4806	4873	-891	13866	0	13866	1831	295	15992	50.05
5	3921	313	233	4467	2379	3516	0	0	4998	4849	-909	14005	0	14005	1808	297	16110	49.99
6	4011	331	233	4575	2437	3922	0	0	5393	5410	-831	15188	0	15188	1917	325	17430	50.01
7	3976	351	234	4561	2423	3759	0	33	6681	6606	-931	16102	0	16102	2051	349	18502	49.98
8	3918	357	235	4510	2428	3640	0	169	7274	7196	-1131	16438	0	16438	2252	374	19064	49.99
9	3829	356	217	4402	2575	3670	0	412	7105	7466	-1435	16708	0	16708	2538	383	19628	50.13
10	3681	391	136	4208	2567	3882	0	599	7222	7040	-1775	16129	0	16129	2801	391	19322	50.08
11	3361	414	134	3909	2631	3144	0	777	7588	7482	-2060	15486	0	15486	2972	397	18855	50.11
12	3339	407	133	3879	2759	2988	0	885	7434	6625	-2076	14680	0	14680	2975	380	18035	50.02
13	3337	362	132	3831	2939	2975	0	820	6289	5899	-2024	14071	0	14071	2884	369	17324	49.97
14	3239	361	136	3736	2899	2974	0	821	5262	5157	-1841	13386	0	13386	2750	359	16496	50.10
15	3032	410	154	3596	2759	3203	0	731	5143	5121	-1747	13301	0	13301	2715	362	16378	49.99
16	3132	399	175	3706	2821	3191	0	638	5433	5061	-1631	13421	0	13421	2686	365	16472	49.94
17	2978	412	182	3572	2867	3023	0	423	5816	5903	-1532	13882	0	13882	2610	374	16866	49.95
18	3250	426	176	3852	2856	3599	0	193	5873	5834	-1471	14483	0	14483	2563	379	17426	50.06
19	3396	603	129	4128	2616	4180	0	40	6135	5925	-1455	15036	0	15036	2535	398	17969	50.05
20	3590	690	115	4395	2511	3895	0	0	6848	6860	-1421	15841	0	15841	2554	399	18794	49.94
21	3740	592	123	4455	2594	4139	0	0	5897	5986	-1359	15419	0	15419	2484	396	18299	50.01
22	3840	582	147	4569	2566	4076	0	0	5257	5377	-1199	15000	0	15000	2397	389	17786	50.04
23	3830	546	113	4489	2655	3770	0	0	5201	5024	-1089	14483	0	14483	2302	366	17151	50.00
24	3746	399	134	4279	2746	3374	0	0	5059	5077	-1071	14037	0	14037	2213	368	16618	49.99
MUs	86.30	10.01	4.19	100.49	63.02	85.11	0.00	6.54	140.38	138.44	-32.48	352.51	0.00	352.51	57.86	8.61	418.98	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 11/Aug/2022

Position as on 6.30 Hrs of 12/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
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	Khaparkheda Unit 5	500	10/08/2022	10:18		Continued.	Boiler Tube Leakage	13/08/2022
MSPGCL	Chandrapur Unit 6	500	10/08/2022	18:00	11/08/2022	23:13	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

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Aug/2022

Position as on 6.30 Hrs of 12/Aug/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkhedda 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	11/08/2022	13:43	Gas shortage	
MSPGCL	Koradi Unit 8	660	11/08/2022	13:53	11/08/2022	18:17	Water Seperator Drain Tank level high	
MSPGCL	Uran Unit B0	120	11/08/2022	18:21	11/08/2022	23:22	Outage at Uran ss.	
MSPGCL	Uran Unit 6	108	11/08/2022	23:46		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	12/08/2022	04:55		Continued.	Low forward power protection	
MSPGCL	Paras Unit 4	250	12/08/2022	05:14	12/08/2022	07:24	Poor coal quality	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 12/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							
DHULE - SSNNL CKT - 2	InterState	11/08/2022	23:09	12/08/2022	02:42	T	Tripped on Overvoltage
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.
KARAD - LONIKAND I	IntraState	09/08/2022	13:07	11/08/2022	16:14	HT	To control loading
KHADKA-AURANGABAD (WALUJ)	IntraState	10/08/2022	21:14	11/08/2022	11:14	HT	To control Overvoltage
THAPTI TANDA - AURANGABAD (WALUJ)	IntraState	11/08/2022	11:34	11/08/2022	18:38		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
BUS COUPLER @ LONIKAND-1	IntraState	11/08/2022	16:24			PO	DT & Bay Maintenance
KHADKA-AURANGABAD (WALUJ)	IntraState	11/08/2022	19:37			HT	HAND TRIPPED FOR OVER VOLTAGE.
JAIGAD - KARAD CKT - 2	IntraState	11/08/2022	23:20			HT	To control overvoltage
NEW KOYNA - DABHOL CKT - 1	IntraState	12/08/2022	06:02	12/08/2022	07:29	T	Tripped at Dabhol end only
220 KV LINE Outages/Trippings							
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	11/08/2022	15:17	T	R-ph Wave Trap Jumper broken at Adlab end.
THEUR- MAGAR PATTI CITY	IntraState	11/08/2022	10:32	11/08/2022	18:49	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
AAREY - AEML BORIVALI	IntraState	11/08/2022	13:22	11/08/2022	14:49	EO	Safety purpose during jumper connection of R-Ph in 33kV Omkara-2 line of AEML-D .
CHAKAN-MAHINDRA VEHICLE	IntraState	11/08/2022	13:23	11/08/2022	18:43	PO	For replacement of 220 KV Y Phase CT due to Higher Tan Delta and Oil leakage.
KANDALGAON - BHIRA	IntraState	11/08/2022	13:58	11/08/2022	16:35	EO	FOR Attending HOTSPOT Of Y Phase Wave Trap At Bhira End
LONIKAND 2 - BHOSARI	IntraState	11/08/2022	14:09	11/08/2022	17:33	PO	FIXING OF EARTH BLADES FOR LINE ISOLATOR

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 12/Aug/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
MAIN BUS @ URAN	IntraState	11/08/2022	14:15	11/08/2022	20:38	EO	GT Unit B0 Bay, B-ph Top tension string broken and in hanging position, it's needed to be attend immediately to avoid bus fault. For replacement of broken bus string insulator. Photos of the same are also attached.
BUS SECTION-6 @ TROMBAY	IntraState	12/08/2022	00:47	12/08/2022	06:25	EO	for attending 220KV TS-2 breaker 29A GOD
MUMEWADI -HALKARNI 1 LINE	IntraState	12/08/2022	02:43			T	Tripped on Distance protection
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 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 - 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.
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.

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