

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Aug/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.122	2457.741	1) Gujrat	11.641	216.878
2) Hydro	19.899	324.455	2) Madhya Pradesh	7.389	136.160
3) Gas	6.108	121.692	3) Chattisgarh	3.180	70.040
Total MSPGCL	130.129	2903.888	4) Maharashtra	151.764	3411.549
B) 1) APLM	71.125	1226.807	5) Goa (Amona)	-2.069	-39.300
2) JSWEL	14.455	336.266	Total	171.905	3795.327
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.034	729.502
4) RPL(AMT)	18.171	477.796	b) Mumbai Drawl	31.901	797.161
5) SWPGPL	5.594	146.584	c) MSEDCL Bilateral *	70.606	1816.567
6) Other IPP	4.973	138.712	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.034	729.278
C) 1) TPCL Thermal	10.275	244.878	Include PX	0.000	0.000
2) TPCL Hydro	8.069	144.684	Standby	0.000	0.224
3) TPCL Gas	1.846	45.993	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.943	205.008	1) MSEDCL	419.949	9201.621
D) STATE			2) Mumbai Discoms	62.034	1437.724
1) Thermal	238.658	5233.792	3) Other Discoms	9.016	208.508
(A1+C1+C4+(B1-B6))			TOTAL STATE	490.999	10847.853
2) Hydro	27.968	469.139			
(A2+C2)					
3) Gas	7.954	167.685			
(A3+B7+C3)					
4) Wind	34.607	991.664			
6) SOLAR	9.907	190.246			
TOTAL STATE	319.094	7052.526			

* 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 3 Hrs
MSPGCL Thermal	4319	4316	4379	4257
MSPGCL Hydro	1203	635	2158	361
MSPGCL Gas	257	259	250	282
MSPGCL Total Generation	5779	5210	6787	4900
Central Sector Receipt	7825	7574	7294	6287
WIND	1335	1446	1448	1365
CPP / IPP Thermal	4832	4908	4936	4268
CPP / IPP Gas	0	0	0	0
SOLAR	1051	1231	0	0
Exchange with Mumbai	-2009	-1892	-1326	-912
MSEDCL DEMAND MET	18416	18078	18727	15615
Load Shedding	0	0	0	0
MSEDCL DEMAND	18416	18078	18727	15615
TPCL GENERATION	823	842	1023	634
AEML GENERATION	318	346	489	387
MUMBAI DEMAND	3150	3080	2838	1933
OTHER DISCOM DEMAND	397	399	411	292
STATE DEMAND MET	21963	21557	21977	17841
STATE DEMAND	21963	21557	21977	17841
Frequency (Hz)	49.97	50.05	49.94	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.17 Hz at 13:31 Hrs	49.65 Hz at 10:11 Hrs	49.98	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 24/Aug/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.42	60.82	170	120
Unit 7	0.00	0.00	0	0
Unit 8	0.00	102.62	0	0
Unit 9	0.00	46.51	0	0
Unit 10	11.53	247.92	500	461
Total	14.96	457.87		
Bhusawal				
Unit 3	0.00	7.23	0	0
Unit 4	8.98	194.32	435	310
Unit 5	0.00	55.81	0	0
Total	8.98	257.36		
Parli				
Unit 6	4.46	98.57	197	154
Unit 7	4.24	88.25	194	148
Unit 8	3.63	84.82	160	145
Total	12.33	271.64		
Chandrapur				
Unit 3	0.00	32.41	0	0
Unit 4	0.00	12.42	0	0
Unit 5	3.68	122.57	168	135
Unit 6	7.38	122.71	330	275
Unit 7	5.56	43.64	248	215
Unit 8	9.67	212.22	446	238
Unit 9	10.36	221.73	453	398
Total	36.64	767.70		
Paras				
Unit 3	4.80	84.69	211	189
Unit 4	4.60	89.15	200	147
Total	9.40	173.84		
Khaparkheda				
Unit 1	0.00	37.40	0	0
Unit 2	0.00	44.16	0	0
Unit 3	3.85	81.15	169	137
Unit 4	4.42	56.24	197	140
Unit 5	8.07	172.31	440	280
Total	16.34	391.26		
Nasik				
Unit 3	2.88	69.51	129	107
Unit 4	0.00	0.00	0	0
Unit 5	2.61	68.57	134	40
Total	5.49	138.08		
Uran				
All Units	6.11	121.69	287	233
Total	6.11	121.69		
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	14.31	27	23
Total	0.60	14.31		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.26	56.62	475	35
Stage 4	5.46	48.08	1005	0
Stage 3	1.30	34.05	160	0
Total	10.02	138.75		
Hydro				
KDPH	0.86	11.55	36	36
VTRNA	0.57	14.55	61	0
TILLARI	0.58	12.71	58	0
BHIRA T.R.	0.48	11.23	80	0
SMLHY_PTN	6.18	116.66	273	243
GHATGHAR	0.61	4.70	125	0
Total	9.28	171.40		
Wind				
Total	34.61	991.66	0	0
Total	34.61	991.66		
CPP				
APML(Mus)	71.12	1226.81	0	0
JSWEL(Mus)	14.46	336.27	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.17	477.80	0	0
SWPGPL-Mus	5.59	146.58	0	0
Other(Mus)	4.97	138.71	0	0
Total	114.32	2326.16		
SOLAR				
Total	9.91	190.25	0	0
Total	9.91	190.25		
Tata				
Trombay 5	6.86	163.44	377	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.98	26.48	49	39
Trombay 7B	0.86	19.51	41	34
TATA Hydro	8.07	144.68	441	147
Trombay 8	3.42	81.44	219	132
Total	20.19	435.56		
AEML				
DTPS U-1&2	9.94	205.01	494	313
Total	9.94	205.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	104.12	2457.74	MSPGCL Total	130.13	2903.89
			MSPGCL Thml+Gas	110.23	2579.43	Koyna 1,2 & 4 Total	8.72	104.70
			MSPGCL Hydro	19.90	324.46	State Total	319.09	7052.53

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Aug/2022

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	4099	572	233	4904	1509	4629	0	0	5901	6175	-899	15985	0	15985	2195	333	18513	50.00
2	4112	369	287	4768	1449	4579	0	0	6411	6385	-943	15923	0	15923	2037	315	18275	50.01
3	4257	361	282	4900	1365	4268	0	0	6599	6287	-912	15615	0	15615	1933	292	17841	49.97
4	4353	358	256	4967	1484	4361	0	0	6376	6342	-774	16078	0	16078	1874	302	18254	50.00
5	4346	354	257	4957	1516	4668	0	0	6395	6368	-722	16493	0	16493	1844	294	18631	49.99
6	4327	372	260	4959	1490	4780	0	0	7185	7220	-750	17351	0	17351	1986	348	19685	49.98
7	4309	491	247	5047	1387	4895	0	62	8233	8182	-940	18266	0	18266	2162	367	20795	49.98
8	4270	616	258	5144	1360	4908	0	312	8696	8524	-1135	18727	0	18727	2370	386	21483	50.00
9	4320	502	260	5082	1316	4931	0	697	8197	8337	-1432	18544	0	18544	2679	387	21610	50.01
10	4389	544	258	5191	1411	4782	0	943	8009	7785	-1676	18047	0	18047	2941	389	21377	49.92
11	4308	922	249	5479	1366	4667	0	1150	7734	7830	-1910	18170	0	18170	3111	412	21693	49.81
12	4319	1203	257	5779	1335	4832	0	1051	7730	7825	-2009	18416	0	18416	3150	397	21963	49.97
13	4316	635	259	5210	1446	4908	0	1231	8007	7574	-1892	18078	0	18078	3080	399	21557	50.05
14	4198	492	248	4938	1482	4258	0	1285	8038	7648	-1781	17426	0	17426	2965	404	20795	50.03
15	4450	460	253	5163	1564	4393	0	1131	7660	7623	-1838	17644	0	17644	2986	392	21022	49.99
16	4456	463	254	5173	1638	4942	0	994	7267	7122	-1841	17630	0	17630	3004	398	21032	49.99
17	4413	466	251	5130	1812	4730	0	703	7656	7395	-1715	17653	0	17653	2981	402	21036	50.00
18	4423	471	242	5136	1892	4896	0	311	7614	7377	-1614	17590	0	17590	2920	407	20918	50.00
19	4370	1258	253	5881	1675	4867	0	37	7569	7211	-1531	17717	0	17717	2862	423	21002	49.92
20	4379	2158	250	6787	1448	4936	0	0	7249	7294	-1326	18727	0	18727	2838	411	21977	49.94
21	4426	1933	253	6612	1265	5014	0	0	6722	6903	-1128	18248	0	18248	2720	418	21386	50.00
22	4451	1963	250	6664	1120	5011	0	0	6234	6329	-1192	17531	0	17531	2574	401	20506	49.93
23	4425	1918	250	6593	1135	5043	0	0	6018	6001	-1081	17317	0	17317	2463	374	20154	49.99
24	4406	1018	241	5665	1142	5021	0	0	6056	6168	-860	16772	0	16772	2359	363	19495	50.03
MUs	104.12	19.90	6.11	130.13	34.61	114.32	0.00	9.91	173.56	171.90	-31.90	419.95	0.00	419.95	62.03	9.02	491.00	49.98

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 24/Aug/2022

Position as on 6.30 Hrs of 25/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	Koyna Unit 4	70	05/08/2022	17:20		Continued.	Generator winding differential protection	20/09/2022
MSPGCL	Koradi Unit 9	660	07/08/2022	14:53		Continued.	Boiler Tube Leakage (Converted to Annual Overhaul from 11.08.2022 for 45 Days)	26/09/2022
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 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	01/09/2022
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	Chandrapur Unit 4	210	09/08/2022	20:25		Continued.	FURNACE DRAFT VERY HIGH/ poor coal receipt & wet coal.	
MSPGCL	Chandrapur Unit 3	210	15/08/2022	12:50		Continued.	Poor Coal Receipt	
IPP	SWPGPL U-4	135	16/08/2022	00:45		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 3	210	16/08/2022	03:44		Continued.	Wet coal problem.	
MSPGCL	Khaparkheda Unit 1	210	16/08/2022	04:28		Continued.	DUE TO WET STEAM PROTECTION/ poor coal receipt & wet coal.	
MSPGCL	Khaparkheda Unit 2	210	19/08/2022	02:18		Continued.	Furnace Pressure High/poor coal receipt &	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Aug/2022

Position as on 6.30 Hrs of 25/Aug/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							wet coal.	
IPP	RPL(AMT) U-5	270	19/08/2022	11:00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 8	660	21/08/2022	14:10		Continued.	SUSPECTED BOILER TUBE LEAKAGE	27/08/2022
MSPGCL	Uran Unit 5	108	24/08/2022	02:29		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 25/Aug/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LR Outages/Trippings							
Pole-1 Non base AC filter Z3 (120 MVAR) @ Chandrapur HVDC	IntraState	16/08/2022	15:11			HT	This breaker put in lock out at 15:06hrs dt.15.08.2022 and this filter is under breakdown and expert service are required for
400 KV TIEBAY Outages/Trippings							
MAIN BAY (412) OFAKOLA -1 CKT-2 @ AKOLA 2	IntraState	24/08/2022	09:51	24/08/2022	12:37	PO	Circuit Breaker SF6 gas analysis & CB Preventive maintenance activities
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
MAIN BAY (408) OF WARDHA(PG) CKT - 1 @ AKOLA	IntraState	24/08/2022	13:40	24/08/2022	17:37	PO	AMP of Bay
MAIN BAY (433) OF 500 MVA 400/220 KV ICT - 1 @ CHANDRAPUR 2	IntraState	24/08/2022	16:01			T	TRIPPED DUE TO BUCHHOLZ RELAY OPERATED
400 KV LINE Outages/Trippings							
JAIGAD - KARAD CKT - 2	IntraState	22/08/2022	00:24			HT	To control OV
KHADKA-AURANGABAD (WALUJ)	IntraState	23/08/2022	20:45	24/08/2022	06:09	HT	H/T DUE TO O/V
MAIN BUS - A @ CHAKAN	IntraState	23/08/2022	21:32	24/08/2022	00:51	EO	For attending Hot Spot at 89A PG Isolators Y phase hanger rod of 400kV Bus Coupler bay
DEEPNAGAR - THAPTI TANDA	IntraState	24/08/2022	05:56	24/08/2022	22:11	T	Distance Protection
KHADKA-AURANGABAD (WALUJ)	IntraState	24/08/2022	20:08	25/08/2022	09:10	HT	H/T DUE TO O/V
B - BUS @ KHARGHAR	IntraState	25/08/2022	02:05	25/08/2022	04:52	T	Grading Capacitor of Y Phase Circuit Breaker of Kalwa line Burst
400 KV ICT Outages/Trippings							
400/220 KV 3X105 MVA ICT - 2 @ NAGOTHANE	IntraState	23/08/2022	11:08	24/08/2022	02:55	EO	Replacement of 2 Nos. of radiators of B ph unit of ICT 2
95 MVA STN TF - II @KORADI 2	IntraState	23/08/2022	12:26			PO	1)Transformer testing and oil filtration 2)Transformer bus duct inspection 3) Station switch gear checking , breaker and relay testing
400/220KV 315MVA ICT - 3 @ CHAKAN	IntraState	23/08/2022	21:15	24/08/2022	01:22	HT	H/T FOR A -BUS OUTAGE
400/220 KV 3X200 MVA ICT - 2 @ KALWA	IntraState	24/08/2022	04:51	24/08/2022	07:44	EO	29D isolator alignment work
400/220/20 KV 300 MVA ICT - 1 @ KORADI	IntraState	24/08/2022	09:32	24/08/2022	16:16	PO	Diagnostic testing work
400/220/33 KV 315MVA ICT - 1 @ AKOLA	IntraState	24/08/2022	11:34	24/08/2022	19:08	PO	Routine maintenance & testing work
400/220KV 315MVA ICT - 3 @ CHAKAN	IntraState	24/08/2022	13:27	24/08/2022	13:45	HT	H/T FOR ISOLATOR ALIGNMENT WORK
400/220 KV 3X105 MVA ICT - 1 @ KHARGHAR	IntraState	25/08/2022	02:05			T	400KV Bus-2 Fault
220 KV LINE Outages/Trippings							
RANJANGAON - U TECH SUGAR CKT	IntraState	24/08/2022	01:12	24/08/2022	06:58	T	Distance Protection
INFOSYS - HINJAWADI 1	IntraState	24/08/2022	07:27	24/08/2022	16:57	PO	To complete the balance work of MCTT nut bolt tightening.
DAHANU - GHODBUNDER CKT - 1	IntraState	24/08/2022	08:53	24/08/2022	18:28	PO	Annual Bay maintenance Relay testing work at DTPS end.
HALKARNI-OLAM AGRO (HEMRUS) LINE	IntraState	24/08/2022	10:15	24/08/2022	17:30	PO	Quarterly Maintenance and Diagnostic Testing Work.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 25/Aug/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BHALVANI - VARKUTI	IntraState	24/08/2022	13:00	24/08/2022	15:08	PO	Outage is required for For Checking of faulty trip ckt supervision
KANDALGAON - SONA ALLOYS	IntraState	24/08/2022	14:38	24/08/2022	19:03	PO	Damaged conductor to be attended by applying midspan joint at Loc.No.120,121,122 and other line maintenance work.
PIRANGUT - HINJAWADI 2	IntraState	24/08/2022	17:11	24/08/2022	18:18	EO	For attending hotspot Rph CT clamp.(124 degree)
INFOSYS - HINJAWADI 1	IntraState	25/08/2022	07:19			PO	To complete the balance work of MCTT nut bolt tightening.
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 2 @ MAHAD	IntraState	24/08/2022	10:00	24/08/2022	20:32	PO	HV LV control panel and relay panel height rising work.
220/22 KV 50 MVA PTR - 2 @ KONDHWA	IntraState	24/08/2022	11:30	24/08/2022	16:18	PO	Half Yearly Maintenance and Auxiliary protection Trial
220 KV BUSBAR Outages/Trippings							
BUSBAR PROTECTION @ KHADKI	IntraState	24/08/2022	10:35	24/08/2022	19:00	PO	220 kV online Busbar Testing & Protection work at 220 kV Khadki SS by testing team.
132 KV LINE Outages/Trippings							
MANSAR-PENCH	InterState	24/08/2022	06:24	24/08/2022	15:20	PO	Routine Maintenance work.
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.

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