

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.394	3310.196	1) Gujrat	9.208	292.592
2) Hydro	20.936	492.161	2) Madhya Pradesh	3.475	192.819
3) Gas	3.049	151.303	3) Chattisgarh	3.590	99.150
Total MSPGCL	146.379	3953.660	4) Maharashtra	175.388	4646.735
B) 1) APLM	60.447	1663.809	5) Goa (Amona)	-0.615	-47.827
2) JSWEL	21.056	469.882	Total	191.046	5183.469
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.838	920.069
4) RPL(AMT)	10.713	594.969	b) Mumbai Drawl	26.476	1002.165
5) SWPGPL	5.432	184.735	c) MSEDCL Bilateral *	63.256	2351.452
6) Other IPP	5.803	175.910	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.834	919.748
C) 1) TPCL Thermal	12.999	331.206	Include PX	0.000	0.000
2) TPCL Hydro	6.725	197.950	Standby	0.004	0.321
3) TPCL Gas	1.776	55.768	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.309	280.231	1) MSEDCL	420.378	12278.164
D) STATE			2) Mumbai Discoms	59.285	1867.324
1) Thermal	250.153	7010.938	3) Other Discoms	8.819	271.106
(A1+C1+C4+(B1-B6))			TOTAL STATE	488.482	14416.594
2) Hydro (A2+C2)	27.661	690.111			
3) Gas (A3+B7+C3)	4.825	207.071			
4) Wind	4.587	1065.804			
6) SOLAR	10.210	259.197			
TOTAL STATE	297.436	9233.121			

* 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 24 Hrs
MSPGCL Thermal	4781	4804	5191	5222
MSPGCL Hydro	564	631	1342	270
MSPGCL Gas	120	110	129	188
MSPGCL Total Generation	5465	5545	6662	5680
Central Sector Receipt	9617	9229	7203	5649
WIND	58	63	318	473
CPP / IPP Thermal	4141	4294	4464	4327
CPP / IPP Gas	0	0	0	0
SOLAR	1271	1290	0	0
Exchange with Mumbai	-1589	-1582	-1071	-984
MSEDCL DEMAND MET	18572	18461	17187	14788
Load Shedding	0	0	0	0
MSEDCL DEMAND	18572	18461	17187	14788
TPCL GENERATION	660	651	1152	1116
AEML GENERATION	419	413	490	485
MUMBAI DEMAND	2668	2646	2713	2585
OTHER DISCOM DEMAND	392	378	389	357
STATE DEMAND MET	21631	21485	20289	17730
STATE DEMAND	21631	21485	20289	17730
Frequency (Hz)	49.94	49.90	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.14 Hz at 06.02 Hrs	49.69 Hz at 19.11 Hrs	49.99	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/Aug/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.58	86.12	170	120
Unit 7	0.00	0.00	0	0
Unit 8	11.24	152.48	488	438
Unit 9	0.00	46.51	0	0
Unit 10	10.03	323.10	468	380
Total	24.84	608.22		
Bhusawal				
Unit 3	2.83	19.38	140	90
Unit 4	9.15	259.42	455	300
Unit 5	0.00	55.81	0	0
Total	11.98	334.60		
Parli				
Unit 6	4.65	129.59	201	182
Unit 7	4.63	118.51	202	191
Unit 8	4.19	112.82	183	165
Total	13.48	360.92		
Chandrapur				
Unit 3	3.50	47.71	151	140
Unit 4	2.65	27.97	115	108
Unit 5	0.00	146.45	0	0
Unit 6	6.03	170.22	322	160
Unit 7	6.43	92.25	367	195
Unit 8	9.46	281.53	451	344
Unit 9	10.13	294.10	450	377
Total	38.19	1060.24		
Paras				
Unit 3	4.27	118.26	217	142
Unit 4	4.54	122.20	213	162
Total	8.81	240.46		
Khaparkheda				
Unit 1	2.32	52.62	130	0
Unit 2	2.22	51.90	115	40
Unit 3	3.40	104.43	154	120
Unit 4	3.48	82.70	167	130
Unit 5	7.89	235.54	386	270
Total	19.31	527.20		
Nasik				
Unit 3	2.90	90.29	145	101
Unit 4	0.00	0.00	0	0
Unit 5	2.87	88.27	140	103
Total	5.77	178.56		
Uran				
All Units	3.05	151.30	205	108
Total	3.05	151.30		
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)	0.59	18.45	25	23
Total	0.59	18.45		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.88	90.73	440	35
Stage 4	6.57	102.35	755	0
Stage 3	2.95	54.89	240	0
Total	13.41	247.97		
Hydro				
KDPH	0.00	11.91	0	0
VTRNA	0.53	18.97	61	0
TILLARI	0.52	16.50	58	0
BHIRA T.R.	0.44	14.47	63	0
SMLHY_PTN	5.22	157.50	241	193
GHATGHAR	0.22	6.40	122	0
Total	6.94	225.74		
Wind				
Total	4.59	1065.80	0	0
Total	4.59	1065.80		
CPP				
APML(Mus)	60.45	1663.81	0	0
JSWEL(Mus)	21.06	469.88	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	10.71	594.97	0	0
SWPGPL-Mus	5.43	184.74	0	0
Other(Mus)	5.80	175.91	0	0
Total	103.45	3089.30		
SOLAR				
Total	10.21	259.20	0	0
Total	10.21	259.20		
Tata				
Trombay 5	8.72	221.13	453	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.94	32.30	39	39
Trombay 7B	0.84	23.47	36	34
TATA Hydro	6.72	197.95	408	166
Trombay 8	4.28	110.08	227	129
Total	21.50	584.92		
AEMIL				
DTPS U-1&2	11.31	280.23	502	386
Total	11.31	280.23		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.39	3310.20	MSPGCL Total	146.38	3953.66
			MSPGCL Thml+Gas	125.44	3461.50	Koyna 1,2 & 4 Total	10.45	193.08
			MSPGCL Hydro	20.94	492.16	State Total	297.44	9233.12

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/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	5208	1690	110	7008	142	4298	0	0	6750	7010	-836	17310	0	17310	2442	311	20064	49.90
2	5251	1633	111	6995	187	4298	0	0	7035	6976	-787	17364	0	17364	2289	305	19958	49.98
3	5122	1485	121	6728	198	4301	0	0	7046	7155	-684	17387	0	17387	2168	311	19866	50.01
4	5182	944	121	6247	135	4298	0	0	7283	7398	-625	17145	0	17145	2083	308	19536	50.00
5	5207	994	111	6312	106	4302	0	0	7639	7674	-584	17499	0	17499	2054	311	19864	49.97
6	5200	1591	120	6911	121	4299	0	2	7617	7846	-552	18292	0	18292	2120	335	20747	50.00
7	5247	1680	110	7037	171	4302	0	59	8220	8596	-724	19079	0	19079	2156	362	21597	50.01
8	5118	1206	120	6444	117	4286	0	332	8808	9214	-975	19047	0	19047	2225	372	21643	50.03
9	4979	551	110	5640	86	4272	0	781	9366	9128	-1233	18283	0	18283	2363	391	21037	50.05
10	4953	554	120	5627	60	4295	0	1070	8945	9153	-1354	18447	0	18447	2518	404	21369	50.01
11	4903	553	110	5566	60	4193	0	1219	9079	9312	-1544	18401	0	18401	2642	405	21448	49.98
12	4781	564	120	5465	58	4141	0	1271	9531	9617	-1589	18572	0	18572	2668	392	21631	49.94
13	4804	631	110	5545	63	4294	0	1290	9414	9229	-1582	18461	0	18461	2646	378	21485	49.90
14	4873	464	120	5457	84	4206	0	1347	9024	9086	-1537	18264	0	18264	2564	379	21207	50.04
15	4969	539	109	5617	61	4289	0	1189	8940	8971	-1517	18217	0	18217	2593	393	21203	49.95
16	5009	481	118	5608	158	4293	0	878	9000	8930	-1405	18070	0	18070	2611	392	21073	50.00
17	5088	390	109	5587	152	4289	0	564	8597	8337	-1344	17182	0	17182	2592	404	20177	49.99
18	5144	606	118	5868	330	4392	0	193	7838	7769	-1276	16871	0	16871	2572	405	19848	50.02
19	5256	1048	108	6412	290	4452	0	15	7159	7091	-1079	16786	0	16786	2650	395	19831	50.00
20	5191	1342	129	6662	318	4464	0	0	7416	7203	-1071	17187	0	17187	2713	389	20289	49.97
21	5213	726	160	6099	401	4454	0	0	6915	6874	-1088	16351	0	16351	2708	390	19448	50.00
22	5233	638	205	6076	369	4351	0	0	6583	6708	-1060	16075	0	16075	2672	368	19116	50.01
23	5241	356	191	5788	447	4354	0	0	6382	6120	-1046	15303	0	15303	2651	360	18314	49.99
24	5222	270	188	5680	473	4327	0	0	6149	5649	-984	14788	0	14788	2585	357	17730	50.00
MUs	122.39	20.94	3.05	146.38	4.59	103.45	0.00	10.21	190.74	191.05	-26.48	420.38	0.00	420.38	59.29	8.82	488.48	49.99

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/Aug/2022

Position as on 6.30 Hrs of 01/Sep/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
MSPGCL	Koyna STG-IV Unit-3	250	27/08/2022	12:00		Continued.	Governing System Upgradation	05/09/2022
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)	
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	30/09/2022
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	05/09/2022
MSPGCL	Nasik Unit 4	210	14/07/2022	19:55		Continued.	Wet Coal Problem.	
IPP	SWPGPL U-4	135	16/08/2022	00:45		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	19/08/2022	11:00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	27/08/2022	15:26	31/08/2022	19:28	Gas shortage	
MSPGCL	Uran Unit B0	120	27/08/2022	15:26		Continued.	Gas shortage	
IPP	SWPGPL U-3	135	28/08/2022	19:04		Continued.	Boiler SSC chain broken problem.	
IPP	Adani U-3	660	28/08/2022	23:48		Continued.	APH Gear Box Abnormal Sound	01/09/2022
MSPGCL	Chandrapur Unit 5	500	29/08/2022	01:00		Continued.	APH abnormal Sound	03/09/2022
IPP	RPL(AMT) U-4	270	31/08/2022	00:00		Continued.	Coal Shortage	

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

Position as on 6.30 Hrs of 01/Sep/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkhedda Unit 1	210	31/08/2022	11:15	31/08/2022	14:54	Flame Failure due to wet coal	
MSPGCL	Uran Unit 8	108	01/09/2022	00:00		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	01/09/2022	01:07		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	01/09/2022	01:28		Continued.	Gas shortage	

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

Statement-VII

Position as on 6.30 Hrs of 01/Sep/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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							
KHADKA-AURANGABAD (WALUJ)	IntraState	30/08/2022	21:06	31/08/2022	09:25	HT	For Control system Over Voltage.
PADGHE - KALWA CKT - 1	IntraState	30/08/2022	23:44	31/08/2022	05:49	EO	I)Work to be carried out along the line:- 1)To Attend Hot spot at Loc. No. 1134 B-Ph (Temp. :- 200 deg C) and at Loc. No. 1118 R & B -Ph (Temp. :- 131 & 118 deg C) II)Work to be carried out at 400kV Padghe substaion :- 1) Replacement of Rph WT to Gantry jumper both CVT side & line side due to conductor damaged & Hot spot 104 deg & 91deg resp 2) Attending Hot spot on Yph CT 85 deg , 3) Rph CT Bus side 86 deg , 4) B bus yph PG isolator 92 deg
DHULE- - BABLESHWAR - I	IntraState	31/08/2022	13:17	31/08/2022	13:58	T	TRIPPED ONLY FROM DHULE END
PADGHE - NAGOTHANE CKT - 1	IntraState	31/08/2022	18:25			T	TRIPPED ON DISTANCE PROTECTION
KHADKA-AURANGABAD (WALUJ)	IntraState	31/08/2022	21:00			HT	H/T FOR O/V
JAIGAD - KARAD CKT - 2	IntraState	31/08/2022	21:21			HT	H/T FOR O/V
400 KV ICT Outages/Trippings							
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
220 KV TBC Outages/Trippings							
AUXILIARY BUS @ MALEGAON	IntraState	29/08/2022	16:50			PO	Shifting of TBC Bay new 50MVA 220/33kV PTR 3
220 KV LINE Outages/Trippings							
NALASOPARA - BOISAR PG	InterState	01/09/2022	00:44			T	Distance Protection
CHALISGAON -BABHALESHWAR	IntraState	29/08/2022	09:35			PO	CB timing DCRM
MAHALAXMI - AMONA	IntraState	31/08/2022	11:59	31/08/2022	12:57	T	TRIPPED ON DISTANCE PROTECTION
BOMBAY DYEING - SAHARA	IntraState	31/08/2022	18:15	31/08/2022	19:42	T	TRIPPED ON DISTANCE PROTECTION
KARAD - KADEGAON	IntraState	31/08/2022	19:31			T	TRIPPED ON DISTANCE PROTECTION
JEJURI-LONAND	IntraState	31/08/2022	22:07	31/08/2022	23:38	T	Distance Protection
BIDRI - SAWANTWADI	IntraState	01/09/2022	01:05			HT	HT For Overvoltage Control
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							

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

Statement-VII

Position as on 6.30 Hrs of 01/Sep/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.

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