

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Aug/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.707	361.208	1) Gujrat	8.681	30.966
2) Hydro	24.278	49.021	2) Madhya Pradesh	7.342	28.791
3) Gas	3.918	14.338	3) Chattisgarh	2.400	7.610
Total MSPGCL	145.903	424.567	4) Maharashtra	173.194	533.195
B) 1) APLM	60.327	159.386	5) Goa (Amona)	-0.904	-3.302
2) JSWEL	14.134	41.783	Total	190.713	597.260
3) VIPL	0.000	0.000	a) Mumbai Schedule	35.972	114.753
4) RPL(AMT)	21.183	59.960	b) Mumbai Drawl	34.201	117.034
5) SWPGPL	4.741	15.477	c) MSEDCL Bilateral *	63.728	214.582
6) Other IPP	6.803	20.074	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	35.857	114.629
C) 1) TPCL Thermal	12.657	34.872	Include PX	0.000	0.000
2) TPCL Hydro	6.336	16.824	Standby	0.115	0.124
3) TPCL Gas	2.373	8.612	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.906	21.893	1) MSEDCL	419.784	1241.186
D) STATE			2) Mumbai Discoms	66.473	199.235
1) Thermal	248.458	714.653	3) Other Discoms	8.991	27.178
(A1+C1+C4+(B1-B6))			TOTAL STATE	495.248	1467.599
2) Hydro (A2+C2)	30.614	65.845			
3) Gas (A3+B7+C3)	6.291	22.950			
4) Wind	10.530	39.292			
6) SOLAR	8.642	27.599			
TOTAL STATE	304.535	870.339			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4958	4950	4994	4900
MSPGCL Hydro	464	275	1940	393
MSPGCL Gas	144	131	155	135
MSPGCL Total Generation	5566	5356	7089	5428
Central Sector Receipt	9446	9453	7949	6552
WIND	212	185	566	654
CPP / IPP Thermal	4366	4269	4636	4423
CPP / IPP Gas	0	0	0	0
SOLAR	1076	1183	0	0
Exchange with Mumbai	-1937	-1928	-1378	-718
MSEDCL DEMAND MET	18317	18122	18431	16066
Load Shedding	0	0	0	0
MSEDCL DEMAND	18317	18122	18431	16066
TPCL GENERATION	883	839	1121	974
AEML GENERATION	412	472	498	427
MUMBAI DEMAND	3232	3239	2997	2119
OTHER DISCOM DEMAND	412	396	431	273
STATE DEMAND MET	21961	21757	21859	18458
STATE DEMAND	21961	21757	21859	18458
Frequency (Hz)	50.03	49.90	49.72	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.12 Hz at 14.01 Hrs	49.58 Hz at 19.30 Hrs	49.96	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 03/Aug/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.86	8.37	135	85
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	8.99	28.14	389	355
Unit 10	9.63	31.81	435	372
Total	21.48	68.32		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.06	26.13	390	285
Unit 5	7.56	22.25	400	265
Total	15.62	48.38		
Parli				
Unit 6	4.56	13.06	203	178
Unit 7	4.24	12.35	187	154
Unit 8	3.58	10.80	161	141
Total	12.38	36.21		
Chandrapur				
Unit 3	2.55	7.30	132	71
Unit 4	0.00	2.44	0	0
Unit 5	5.60	16.27	265	205
Unit 6	5.92	17.86	320	180
Unit 7	0.00	0.00	0	0
Unit 8	9.78	30.03	455	360
Unit 9	10.14	29.74	445	324
Total	33.99	103.65		
Paras				
Unit 3	4.22	11.96	187	160
Unit 4	4.19	12.35	189	161
Total	8.41	24.31		
Khaparkheda				
Unit 1	2.34	8.38	120	50
Unit 2	2.50	8.38	130	65
Unit 3	3.44	11.28	161	117
Unit 4	3.64	10.80	171	125
Unit 5	8.01	23.44	400	290
Total	19.94	62.28		
Nasik				
Unit 3	2.82	8.91	142	82
Unit 4	0.00	0.00	0	0
Unit 5	3.06	9.15	144	103
Total	5.88	18.06		
Uran				
All Units	3.92	14.34	286	125
Total	3.92	14.34		
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	1.83	26	25
Total	0.61	1.83		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.44	10.28	430	45
Stage 4	9.51	14.56	950	0
Stage 3	3.17	5.01	240	0
Total	18.11	29.85		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.31	0	0
BHIRA T.R.	0.44	1.25	80	0
SMLHY_PTN	4.52	14.37	195	163
GHATGHAR	0.59	1.41	125	0
Total	5.56	17.33		
Wind				
Total	10.53	39.29	0	0
Total	10.53	39.29		
CPP				
APML(Mus)	60.33	159.39	0	0
JSWEL(Mus)	14.13	41.78	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	21.18	59.96	0	0
SWPGPL-Mus	4.74	15.48	0	0
Other(Mus)	6.80	20.07	0	0
Total	107.19	296.68		
SOLAR				
Total	8.64	27.60	0	0
Total	8.64	27.60		
Tata				
Trombay 5	8.42	23.24	448	261
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.33	5.03	85	39
Trombay 7B	1.04	3.58	57	34
TATA Hydro	6.34	16.82	422	150
Trombay 8	4.24	11.63	232	130
Total	21.37	60.31		
AEMIL				
DTPS U-1&2	10.91	21.89	498	407
Total	10.91	21.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	117.71	361.21	MSPGCL Total	145.90	424.57
			MSPGCL Thml+Gas	121.62	375.55	Koyna 1,2 & 4 Total	14.94	24.84
			MSPGCL Hydro	24.28	49.02	State Total	304.54	870.34

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	4853	1361	286	6500	612	4397	0	0	6135	6263	-964	16472	0	16472	2587	336	19395	49.98
2	4850	846	278	5974	597	4391	0	0	6356	6379	-823	16218	0	16218	2346	300	18864	50.02
3	4877	547	241	5665	651	4413	0	0	6428	6439	-815	16064	0	16064	2205	289	18558	50.00
4	4900	393	135	5428	654	4423	0	0	6362	6552	-718	16066	0	16066	2119	273	18458	50.00
5	4957	616	136	5709	552	4410	0	0	6627	6664	-682	16351	0	16351	2079	302	18732	49.99
6	4946	1096	135	6177	566	4439	0	0	7313	7790	-914	17724	0	17724	2169	334	20227	49.98
7	4919	1471	135	6525	449	4404	0	46	7956	8448	-1165	18335	0	18335	2292	372	20999	49.98
8	4916	1608	134	6658	382	4410	0	269	8431	8415	-1298	18451	0	18451	2447	385	21283	49.98
9	4926	839	134	5899	309	4421	0	621	9015	9128	-1644	18323	0	18323	2744	411	21478	49.94
10	4882	594	134	5610	295	4389	0	891	9217	9133	-1882	18016	0	18016	3025	420	21461	49.96
11	4958	464	144	5566	212	4366	0	1076	9391	9446	-1937	18317	0	18317	3232	412	21961	50.03
12	4925	402	131	5458	185	4356	0	1209	9386	9396	-1982	18216	0	18216	3303	406	21925	49.98
13	4950	275	131	5356	185	4269	0	1183	9395	9453	-1928	18122	0	18122	3239	396	21757	49.90
14	4859	275	131	5265	310	4443	0	1131	9102	8747	-1951	17556	0	17556	3119	389	21064	49.93
15	4832	389	132	5353	339	4555	0	930	8974	9078	-2024	17836	0	17836	3153	395	21384	50.01
16	4833	735	131	5699	386	4632	0	634	8845	8999	-1996	17964	0	17964	3150	390	21504	50.03
17	4787	797	125	5709	409	4564	0	388	8817	8799	-1901	17581	0	17581	3120	387	21088	49.91
18	4808	942	143	5893	330	4558	0	216	8621	8350	-1784	17158	0	17158	3086	405	20649	49.99
19	4864	1600	149	6613	533	4585	0	48	8089	8086	-1673	17768	0	17768	2984	424	21176	49.92
20	4994	1940	155	7089	566	4636	0	0	7420	7949	-1378	18431	0	18431	2997	431	21859	49.72
21	4990	1975	184	7149	685	4614	0	0	6810	7208	-1265	17989	0	17989	2887	402	21278	49.90
22	4929	1861	194	6984	534	4624	0	0	6481	6906	-1144	17514	0	17514	2782	390	20686	49.98
23	4998	1826	209	7033	454	4468	0	0	6323	6270	-1125	16718	0	16718	2727	382	19827	50.00
24	4954	1426	211	6591	335	4421	0	0	6547	6815	-1208	16594	0	16594	2681	360	19635	50.00
MUs	117.71	24.28	3.92	145.90	10.53	107.19	0.00	8.64	188.04	190.71	-34.20	419.78	0.00	419.78	66.47	8.99	495.25	49.96

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 03/Aug/2022

Position as on 6.30 Hrs of 04/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	14/08/2022
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 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	01/08/2022
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	03/08/2022	16:59	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 Vibration high	24/08/2022
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	
MSPGCL	Chandrapur Unit 4	210	02/08/2022	07:48		Continued.	Wet coal problem	06/08/2022
MSPGCL	Koyna Unit 3	70	02/08/2022	21:40		Continued.	major and minor governor failure	04/08/2022
IPP	RPL(AMT) U-4	270	02/08/2022	22:00	03/08/2022	13:39	Bottom Ash Problem,	
MSPGCL	Uran Unit 5	108	03/08/2022	03:00		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Aug/2022

Position as on 6.30 Hrs of 04/Aug/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	SWPGPL U-4	135	03/08/2022	15:55	03/08/2022	19:58	tripped due to lube oil header pressure low	
IPP	RPL(AMT) U-1	270	03/08/2022	21:45		Continued.	Boiler Validity Renevoation	
MSPGCL	Parli Unit 7	250	04/08/2022	00:00		Continued.	Boiler Validity Renevoation	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 04/Aug/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							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	26/07/2022	11:09			HT	H/T FOR 400KV TALEGAON PG-CHAKAN LINE LOADING
PADGHE - KALWA CKT - 1	IntraState	02/08/2022	11:27	03/08/2022	04:54	EO	Conductor replacement work to attend the Hot Spot at Loc. No. 1112 R-Phase (image is attached)
JAIGAD - KARAD CKT - 2	IntraState	02/08/2022	21:07	03/08/2022	08:34	HT	To control OV
KHADKA-AURANGABAD (WALUJ)	IntraState	02/08/2022	22:56	03/08/2022	06:40	HT	H/T to Control Over Voltage.
PARLI-SOLAPUR (LAMBOTI)	IntraState	03/08/2022	10:03	03/08/2022	15:43	PO	(1) CVTs testing work. (2) Bay maintenance work.
PADGHE - NAGOTHANE CKT - 2	IntraState	03/08/2022	12:02	03/08/2022	18:11	PO	1) Replacement of Yph CT to Gantry damaged jumper temp 115 deg strands of conductor are broken 2) 29D isolator alignment work 3) MTAMC work
KARAD - TALANDGE CKT - 2	IntraState	04/08/2022	07:11			PO	Replacement of damaged palm of R & Y ph wavetrapp & armouring of damaged conductor.
400 KV ICT Outages/Trippings							
400/220 KV 3X105 MVA ICT - 1 @ NAGOTHANE	IntraState	03/08/2022	12:55	03/08/2022	17:30	EO	4. Nature of work to be carried out 1. To attend the Hot spot on Y-ph MV & B-PH MV Bushing & Preventive maintenance will be done.
220 KV MAINBAY Outages/Trippings							
BUS SETION - 4 @ KANDALGAON	IntraState	03/08/2022	17:03	03/08/2022	18:30	PO	For Overhauling of 220 kV Hybrid Pass No:03 .
BUS SETION - 3 @ KANDALGAON	IntraState	03/08/2022	18:47	03/08/2022	19:24	PO	For Overhauling Of Hybrid Pass No :03
BUS COUPLER @ RANJANGAON	IntraState	04/08/2022	01:40	04/08/2022	02:55	T	LBB operated due to R ph pole stuck of 220 KV Ranjangaon UTech line
220 KV LINE Outages/Trippings							
JEUR - SOLAPUR PG	InterState	03/08/2022	19:35	03/08/2022	23:33	HT	H/T for overdrawl
SALSETTE BORIVLI - 1	IntraState	02/08/2022	08:37			PO	MBS+6 Tower erection with conductor shifting at new tower no. 2A for customer funded project (third party)
EKLAHARE (OCR) - PADGHE	IntraState	03/08/2022	05:03			HT	H/T for Line Loading.
EKLAHARA(GCR)(NASIK)-BABLESHWAR 1	IntraState	03/08/2022	05:31	03/08/2022	08:49	EO	Hotspot attending on Y ph breaker bottom pad & Y ph line isolator CT side jaw.
EKLAHARA(GCR)(NASIK)-BABLESHWAR 1	IntraState	03/08/2022	05:31	03/08/2022	08:49	EO	Hotspot attending on Y ph breaker bottom pad & Y ph line isolator CT side jaw.
PETH- MUDSHINGI 1 LINE	IntraState	03/08/2022	15:43	03/08/2022	17:09	EO	To Attend hot spot on R Phase CT Clamp
SHENDRA - CHITTEPIMPALGAON (PG) CKT - 1	IntraState	03/08/2022	19:14	03/08/2022	23:12	HT	H/T for overdrawl
SOUTH SOLAPUR (KUMBHARI) - SOLAPUR (PG) CKT - 1	IntraState	03/08/2022	19:37	03/08/2022	23:29	HT	H/T for overdrawl
OSMANABAD - PARLY (PG)	IntraState	03/08/2022	19:52	03/08/2022	23:59	HT	to control overdrawal

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 04/Aug/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
WALUJ - CHITEGAON I	IntraState	03/08/2022	20:40	03/08/2022	22:39	HT	To control overdrawal
RANJANGAON - U TECH SUGAR CKT	IntraState	04/08/2022	01:40			T	R ph Pole stuck since trip coil burnt of CB of Utech Line
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.
220/132kv 100MVA ICT -1 @ LONI DEOKAR	IntraState	03/08/2022	12:45	03/08/2022	16:20	PO	ANNUAL RELAY TESTING WORK
220/22 KV 50 MVA PTR 3 @ RANJANGAON	IntraState	04/08/2022	01:40	04/08/2022	03:05	T	LBB operated due to R ph pole stuck of 220 kV Ranjangaon Utech line
220/22 KV 50 MVA PTR 1 @ RANJANGAON	IntraState	04/08/2022	01:40	04/08/2022	03:05	T	LBB operated due to R ph pole stuck of 220 KV Ranjangaon UTech line
220/132 KV 200 MVA ICT 1@ RANJANGAON	IntraState	04/08/2022	01:40	04/08/2022	03:05	T	LBB operated due to R ph pole stuck of 220 KV Ranjangaon UTech line
132 KV LINE Outages/Trippings							
NALDURG-WAGHDARI CKT	IntraState	03/08/2022	17:23	03/08/2022	19:50	PO	Replacement of DI at loc. 41 R phase,31 b phase
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 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.
KALYAN KALWA SALSETTE 1	IntraState	04/08/2022	06:41			PO	Conductor shifting in span 78-79 and loop opening at loc no 77(towards kalwa Tap) for 110 kv Kalyan Kalwa Salsette line #1 Project Work-Diversion to facilitate Construction of 220Kv Kalwa Salsette 5.

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