

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Aug/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.867	1495.010	1) Gujrat	11.905	104.927
2) Hydro	10.189	183.396	2) Madhya Pradesh	5.286	61.527
3) Gas	6.143	69.151	3) Chattisgarh	2.650	38.480
Total MSPGCL	121.199	1747.557	4) Maharashtra	108.859	2073.442
B) 1) APLM	43.930	665.656	5) Goa (Amona)	-1.867	-19.790
2) JSWEL	12.728	197.603	Total	126.833	2258.586
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.649	437.230
4) RPL(AMT)	22.881	268.836	b) Mumbai Drawl	27.120	474.202
5) SWPGPL	6.232	94.580	c) MSEDCL Bilateral *	77.489	1066.382
6) Other IPP	5.995	86.743	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.649	437.017
C) 1) TPCL Thermal	10.297	144.613	Include PX	0.000	0.000
2) TPCL Hydro	5.062	74.619	Standby	0.000	0.214
3) TPCL Gas	0.000	27.663	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.527	132.143	1) MSEDCL	363.732	5368.522
D) STATE			2) Mumbai Discoms	52.006	853.240
1) Thermal	216.457	3085.184	3) Other Discoms	7.906	121.583
(A1+C1+C4+(B1-B6))			TOTAL STATE	423.644	6343.345
2) Hydro	15.251	258.015			
3) Gas	6.143	96.814			
4) Wind	51.732	536.409			
6) SOLAR	7.228	108.337			
TOTAL STATE	296.811	4084.759			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4145	3941	4597	4422
MSPGCL Hydro	408	490	705	282
MSPGCL Gas	249	213	283	240
MSPGCL Total Generation	4802	4644	5585	4944
Central Sector Receipt	6352	5524	6038	4467
WIND	2162	2592	1937	2127
CPP / IPP Thermal	3643	3379	4554	3652
CPP / IPP Gas	0	0	0	0
SOLAR	823	916	0	0
Exchange with Mumbai	-1251	-1381	-1217	-823
MSEDCL DEMAND MET	16180	15360	16530	14084
Load Shedding	0	0	0	0
MSEDCL DEMAND	16180	15360	16530	14084
TPCL GENERATION	639	595	737	659
AEML GENERATION	382	468	393	391
MUMBAI DEMAND	2272	2444	2347	1873
OTHER DISCOM DEMAND	351	314	367	283
STATE DEMAND MET	18803	18118	19244	16240
STATE DEMAND	18803	18118	19244	16240
Frequency (Hz)	50.03	49.98	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 09.09 Hrs	49.7 Hz at 18.30 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 14/Aug/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.57	36.25	115	85
Unit 7	0.00	0.00	0	0
Unit 8	10.34	44.72	460	379
Unit 9	0.00	46.51	0	0
Unit 10	10.63	146.07	511	361
Total	23.54	273.55		
Bhusawal				
Unit 3	0.00	5.55	0	0
Unit 4	8.06	112.66	395	275
Unit 5	0.00	55.81	0	0
Total	8.06	174.02		
Parli				
Unit 6	4.06	56.87	200	150
Unit 7	3.88	48.24	198	140
Unit 8	3.84	51.39	176	147
Total	11.78	156.50		
Chandrapur				
Unit 3	1.98	31.67	105	69
Unit 4	0.00	12.42	0	0
Unit 5	4.66	72.88	233	150
Unit 6	5.43	66.89	255	200
Unit 7	4.04	4.88	252	107
Unit 8	8.19	127.50	397	280
Unit 9	8.43	129.86	403	285
Total	32.73	446.11		
Paras				
Unit 3	3.32	51.75	151	122
Unit 4	3.40	52.31	152	130
Total	6.72	104.06		
Khaparkheda				
Unit 1	2.54	35.01	125	90
Unit 2	2.50	37.55	125	85
Unit 3	3.29	48.72	155	130
Unit 4	0.00	35.99	0	0
Unit 5	7.89	100.20	430	277
Total	16.22	257.47		
Nasik				
Unit 3	2.89	42.13	136	104
Unit 4	0.00	0.00	0	0
Unit 5	2.92	41.16	134	103
Total	5.81	83.30		
Uran				
All Units	6.14	69.15	295	202
Total	6.14	69.15		
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	8.43	25	24
Total	0.59	8.43		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.66	34.92	320	35
Stage 4	0.00	26.72	0	0
Stage 3	0.80	21.73	80	0
Total	2.46	83.37		
Hydro				
KDPH	0.86	2.91	36	36
VTRNA	0.59	7.49	61	0
TILLARI	0.67	6.99	58	0
BHIRA T.R.	0.48	6.35	80	0
SMLHY_PTN	4.54	65.40	201	176
GHATGHAR	0.00	2.45	0	0
Total	7.14	91.59		
Wind				
Total	51.73	536.41	0	0
Total	51.73	536.41		
CPP				
APML(Mus)	43.93	665.66	0	0
JSWEL(Mus)	12.73	197.60	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.88	268.84	0	0
SWPGPL-Mus	6.23	94.58	0	0
Other(Mus)	6.00	86.74	0	0
Total	91.77	1313.42		
SOLAR				
Total	7.23	108.34	0	0
Total	7.23	108.34		
Tata				
Trombay 5	6.94	96.25	365	264
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	5.06	74.62	335	69
Trombay 8	3.36	48.37	171	130
Total	15.36	246.90		
AEML				
DTPS U-1&2	9.53	132.14	493	321
Total	9.53	132.14		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	104.87	1495.01	MSPGCL Total	121.20	1747.56
			MSPGCL Thml+Gas	111.01	1564.16	Koyna 1,2 & 4 Total	1.66	61.64
			MSPGCL Hydro	10.19	183.40	State Total	296.81	4084.76

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/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	4658	286	238	5182	2302	4189	0	0	4376	4273	-954	14672	0	14672	2103	320	17095	50.02
2	4550	282	239	5071	2214	3937	0	0	4382	4133	-839	14214	0	14214	1981	302	16497	50.00
3	4422	282	240	4944	2127	3652	0	0	4357	4467	-823	14084	0	14084	1873	283	16240	50.00
4	4580	288	259	5127	2063	3626	0	0	4403	4504	-839	14216	0	14216	1794	265	16275	50.01
5	4661	272	269	5202	2020	3874	0	0	4472	4550	-827	14552	0	14552	1786	267	16605	50.00
6	4635	364	269	5268	1852	4208	0	0	4796	5370	-908	15481	0	15481	1852	309	17642	49.99
7	4661	357	291	5309	1844	4628	0	43	5404	5836	-878	16453	0	16453	1895	329	18677	50.01
8	4653	378	287	5318	1740	4621	0	242	5897	5944	-1060	16461	0	16461	1975	344	18780	49.99
9	4491	394	295	5180	1961	4121	0	543	5966	5911	-1160	16193	0	16193	2123	363	18679	50.00
10	4145	408	249	4802	2162	3643	0	823	5942	6352	-1251	16180	0	16180	2272	351	18803	50.03
11	4012	504	212	4728	2224	3456	0	949	5826	6253	-1329	15950	0	15950	2401	331	18682	50.00
12	3998	530	202	4730	2486	3471	0	992	5581	5624	-1364	15612	0	15612	2469	327	18408	50.01
13	3941	490	213	4644	2592	3379	0	916	5309	5524	-1381	15360	0	15360	2444	314	18118	49.98
14	4003	489	208	4700	2546	3174	0	878	4957	5031	-1351	14643	0	14643	2368	335	17346	50.05
15	4079	494	203	4776	2574	3110	0	767	4947	5074	-1404	14560	0	14560	2313	337	17210	50.03
16	4091	490	222	4803	2461	3084	0	561	5228	5170	-1357	14381	0	14381	2273	341	16995	50.00
17	4121	423	239	4783	2297	3089	0	340	5568	5542	-1272	14442	0	14442	2236	337	17015	49.99
18	4212	474	280	4966	2029	3171	0	140	5311	5631	-1183	14394	0	14394	2214	360	16968	50.01
19	4579	715	293	5587	1797	4043	0	34	5354	5638	-1159	15570	0	15570	2234	370	18174	49.92
20	4597	705	283	5585	1937	4554	0	0	5953	6038	-1217	16530	0	16530	2347	367	19244	50.01
21	4484	423	289	5196	1964	4495	0	0	5812	5510	-1122	15702	0	15702	2345	341	18388	50.05
22	4413	403	288	5104	2116	4225	0	0	5178	5389	-1148	15337	0	15337	2303	349	17989	50.01
23	4454	365	285	5104	2189	4200	0	0	4821	4632	-1171	14615	0	14615	2232	339	17186	49.97
24	4427	373	290	5090	2235	3816	0	0	4655	4437	-1123	14130	0	14130	2173	325	16628	50.01
MUs	104.87	10.19	6.14	121.20	51.73	91.77	0.00	7.23	124.50	126.83	-27.12	363.73	0.00	363.73	52.01	7.91	423.64	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 14/Aug/2022

Position as on 6.30 Hrs of 15/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	19/08/2022
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-4	250	13/08/2022	10:06		Continued.	Commissioning and installation of new TSLG Governor	21/08/2022
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	01/09/2022
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 Vabration 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	Ghatghar Unit-2	125	08/08/2022	01:05	14/08/2022	21:00	CW PUMP PROBLEM	14/08/2022
MSPGCL	Chandrapur Unit 4	210	09/08/2022	20:25		Continued.	FURNACE DRAFT VERY HIGH	18/08/2022
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 14/Aug/2022

Position as on 6.30 Hrs of 15/Aug/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	10/08/2022	23:58		Continued.	UNIT IS READY FROM 13.08.2022 (DALAY TO LIGHT UP DUE TO WET COAL).	18/08/2022
MSPGCL	Uran Unit A0	120	11/08/2022	08:43	14/08/2022	03:28	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	12/08/2022	04:55	15/08/2022	00:35	Low forward power protection	
MSPGCL	Uran Unit B0	120	14/08/2022	09:24		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	14/08/2022	09:24	14/08/2022	13:54	Gas shortage	
MSPGCL	Uran Unit A0	120	14/08/2022	09:24		Continued.	Gas shortage	
MSPGCL	Paras Unit 3	250	15/08/2022	08:50		Continued.	CHP coal feeding problem	16/08/2022
MSPGCL	Chandrapur Unit 3	210	15/08/2022	12:50		Continued.	Poor Coal Receipt	18/08/2022
MSPGCL	Uran Unit 5	108	15/08/2022	19:41		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 15/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							
KALWA - TALEGAON (PG)	InterState	14/08/2022	08:42	14/08/2022	19:03	PO	Addition jumpering work by fire wedge connector.
KALWA - TALEGAON (PG)	InterState	15/08/2022	09:08	15/08/2022	19:48	PO	Addition jumpering work by fire wedge connector.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	05/08/2022	00:06			HT	For load management
KHADKA-AURANGABAD (WALUJ)	IntraState	12/08/2022	20:36			HT	HT due to overvoltage
JAIGAD - KARAD CKT - 1	IntraState	14/08/2022	01:56	14/08/2022	10:00	HT	H/T to control Over Voltage.
PADGHE - NAGOTHANE CKT - 1	IntraState	14/08/2022	03:13	14/08/2022	08:22	HT	H/T to control Over Voltage.
JAIGAD - KARAD CKT - 2	IntraState	15/08/2022	01:25		Continued.	HT	H/T to Control Over Voltages.
PADGHE - NAGOTHANE CKT - 2	IntraState	15/08/2022	01:32		Continued.	HT	H/T to Control Over Voltages.
JEJURI- KOYNA STAGE-IV	IntraState	15/08/2022	09:58	15/08/2022	19:10	PO	PID Faulty disc insulator replacement work & Chemical washing & Cold line washing work
220 KV TIEBAY Outages/Trippings							
BUS SECTIONALISER @ BELWANDI	IntraState	14/08/2022	09:55	14/08/2022	17:28	PO	For Bus stringing work for new 50MVA 220/33KV T/F & Jumpering Work
220 KV LINE Outages/Trippings							
COLOURCHEM - TEMGHAR	IntraState	14/08/2022	06:17	14/08/2022	07:59	EO	To attend Oil leakage from 245 kV B phase PT BY cold welding method. Note :- No work on Temghar line bay, But testing team instructed to make one line out as Only single PT Source available.
INFOSYS - HINJAWADI 1	IntraState	14/08/2022	07:53	14/08/2022	19:11	PO	A) Tower Erection - 72MT MCTT Tower Main Body Erection B) Erection of one side Cross Arm (Road Side) C) Tower Tightneing
GHATGHAR - BAPGAON	IntraState	14/08/2022	20:55	14/08/2022	22:05	T	Tripped on Distance Protection.
HINJAWADI I- CHINCHWAD	IntraState	15/08/2022	00:01	15/08/2022	17:48	HT	LINE H/T FOR LOAD MANAGEMENT
CHAKAN - CHINCHWAD 2	IntraState	15/08/2022	00:13	15/08/2022	20:58	PO	For erection of monopole towers at location 16A (MCN+6) & 18 (MDN+12) for the diversion work of 220kV Chinchwad2-Telco & Chinchwad 2- Chakan line obstructing to theconstruction of ROB on road from Bhakti Shakti Chowk to Mukhai Kiwale BRS corridor at Shinde Vasti
CHINCHWAD-2 - TELCO	IntraState	15/08/2022	00:27	15/08/2022	21:03	PO	For erection of monopole towers at location 16A (MCN+6) & 18 (MDN+12) for the diversion work of 220kV Chinchwad2-Telco & Chinchwad 2- Chakan line obstructing to theconstruction of ROB on road from Bhakti Shakti Chowk to Mukhai Kiwale BRS corridor at Shinde Vasti
RANJANGAON-LONIKAND	IntraState	15/08/2022	14:08	15/08/2022	19:42	PO	Work of Dignostic Testing & half yearly maintenance
INFOSYS - HINJAWADI 1	IntraState	15/08/2022	17:30	15/08/2022	21:14	T	TRIPPED ONLY FROM INFOSYS END
220 KV ICT Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 15/Aug/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/132 KV 100 MVA ICT 2 @ BELWANDI	IntraState	14/08/2022	09:35	14/08/2022	17:30	PO	For Bus stringing work for new 50MVA 220/33KV T/F & Jumpering Work
220/22-22 KV 100 MVA PTR NO 1 @ PARVATI	IntraState	14/08/2022	11:16	14/08/2022	15:37	EO	DC leakage appeared. It continuously fluctuates between 5 to 7 mA (+ve). leakage observed in TF 1 CTR DC Ckt. Hence need to check DC wiring and attend DC leakage urgently.
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