

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Nov/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	153.713	1149.637	1) Gujrat	-8.900	-77.064
2) Hydro	11.240	68.984	2) Madhya Pradesh	-3.144	-17.546
3) Gas	1.460	13.167	3) Chattisgarh	5.870	46.700
Total MSPGCL	166.413	1231.788	4) Maharashtra	172.175	1307.461
B) 1) APML	74.259	492.516	5) Goa (Amona)	-1.269	-11.792
2) JSWEL	12.941	103.295	Total	164.732	1247.759
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.222	250.971
4) RPL(AMT)	25.557	204.148	b) Mumbai Drawl	34.728	281.595
5) SWPGPL	6.500	45.556	c) MSEDCL Bilateral *	61.418	511.524
6) Other IPP	29.060	221.153	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.222	250.971
C) 1) TPCL Thermal	11.492	85.664	Include PX	0.000	0.000
2) TPCL Hydro	4.184	30.943	Standby	0.000	0.000
3) TPCL Gas	0.000	6.990	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.576	68.717	1) MSEDCL	451.893	3381.864
D) STATE			2) Mumbai Discoms	59.980	473.909
1) Thermal	323.098	2370.686	3) Other Discoms	9.307	74.399
(A1+C1+C4+(B1-B6))			TOTAL STATE	521.180	3930.172
2) Hydro (A2+C2)	15.424	99.927			
3) Gas (A3+B7+C3)	1.460	20.157			
4) Wind	4.643	93.169			
6) SOLAR	11.823	98.474			
TOTAL STATE	356.448	2682.413			

* 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 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	6321	6539	6591	6024
MSPGCL Hydro	609	224	2105	187
MSPGCL Gas	60	61	61	60
MSPGCL Total Generation	6990	6824	8757	6271
Central Sector Receipt	8370	7760	6352	5374
WIND	208	180	224	165
CPP / IPP Thermal	6185	6178	6568	6251
CPP / IPP Gas	0	0	0	0
SOLAR	1612	1722	0	0
Exchange with Mumbai	-1675	-1606	-1571	-1330
MSEDCL DEMAND MET	21265	20648	19913	16407
Load Shedding	0	0	0	0
MSEDCL DEMAND	21265	20648	19913	16407
TPCL GENERATION	731	835	889	436
AEML GENERATION	497	495	487	289
MUMBAI DEMAND	2903	2936	2947	2055
OTHER DISCOM DEMAND	425	410	417	324
STATE DEMAND MET	24593	23994	23277	18786
STATE DEMAND	24593	23994	23277	18786
Frequency (Hz)	49.99	49.96	49.91	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.15 Hz at 16.03 Hrs	49.43 Hz at 18.30 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 08/Nov/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.32	36.26	210	150
Unit 7	0.00	0.00	0	0
Unit 8	12.30	95.43	559	402
Unit 9	12.48	98.33	578	443
Unit 10	9.45	73.63	400	367
Total	38.55	303.64		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.74	71.23	430	350
Unit 5	9.80	74.70	485	335
Total	19.54	145.94		
Parli				
Unit 6	4.72	29.30	240	139
Unit 7	4.72	28.08	227	151
Unit 8	4.19	21.51	203	137
Total	13.62	78.90		
Chandrapur				
Unit 3	3.07	25.98	145	119
Unit 4	2.82	23.28	124	102
Unit 5	5.06	51.11	300	120
Unit 6	8.01	51.29	365	280
Unit 7	8.21	57.11	365	290
Unit 8	11.02	76.71	469	447
Unit 9	10.09	73.20	440	396
Total	48.29	358.68		
Paras				
Unit 3	4.73	39.88	217	180
Unit 4	0.00	0.00	0	0
Total	4.73	39.88		
Khaparkheda				
Unit 1	2.66	21.25	120	90
Unit 2	2.48	20.38	115	95
Unit 3	3.52	26.84	162	130
Unit 4	3.45	25.60	157	131
Unit 5	10.66	78.71	460	415
Total	22.78	172.78		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.06	25.64	141	113
Unit 5	3.14	24.18	150	105
Total	6.20	49.82		
Uran				
All Units	1.46	13.17	62	60
Total	1.46	13.17		
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)	1.01	7.96	43	41
Total	1.01	7.96		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.69	21.28	560	35
Stage 4	2.67	14.91	1002	0
Stage 3	1.42	8.08	240	0
Total	7.78	44.28		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.20	1.28	77	0
SMLHY_PTN	1.68	13.17	76	65
GHATGHAR	0.56	2.30	125	0
Total	2.44	16.75		
Wind				
Total	4.64	93.17	0	0
Total	4.64	93.17		
CPP				
APML(Mus)	74.26	492.52	0	0
JSWEL(Mus)	12.94	103.30	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.56	204.15	0	0
SWPGPL-Mus	6.50	45.56	0	0
Other(Mus)	29.06	221.15	0	0
Total	148.32	1066.67		
SOLAR				
Total	11.82	98.47	0	0
Total	11.82	98.47		
Tata				
Trombay 5	7.80	58.14	457	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	3.91	0	0
Trombay 7B	0.00	3.08	0	0
TATA Hydro	4.18	30.94	429	12
Trombay 8	3.69	27.52	235	129
Total	15.68	123.60		
AEML				
DTPS U-1&2	9.58	68.72	498	284
Total	9.58	68.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	153.71	1149.64	MSPGCL Total	166.41	1231.79
			MSPGCL Thml+Gas	155.17	1162.80	Koyna 1,2 & 4 Total	6.36	36.19
			MSPGCL Hydro	11.24	68.98	State Total	356.45	2682.41

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Nov/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	5886	217	60	6163	168	5871	0	0	5577	5921	-1395	16367	0	16367	2203	361	18931	49.99
2	6024	187	60	6271	165	6251	0	0	5545	5374	-1330	16407	0	16407	2055	324	18786	50.01
3	6088	146	61	6295	157	6268	0	0	5562	5373	-1246	16555	0	16555	1941	292	18788	50.00
4	6202	147	62	6411	147	6164	0	0	5703	5781	-1165	17043	0	17043	1862	295	19200	49.91
5	6337	167	62	6566	197	6158	0	0	5789	6213	-1137	17702	0	17702	1836	295	19833	49.96
6	6413	472	62	6947	244	6172	0	0	6367	6735	-1199	18558	0	18558	1921	341	20820	49.95
7	6413	156	61	6630	269	6196	0	26	7271	7485	-1160	19077	0	19077	1991	369	21437	49.99
8	6439	148	60	6647	231	6209	0	349	7303	7699	-1256	19491	0	19491	2144	388	22023	50.02
9	6481	344	61	6886	132	6256	0	840	7323	7531	-1474	19749	0	19749	2408	422	22579	49.97
10	6452	502	61	7015	174	6293	0	1351	7606	7636	-1494	20554	0	20554	2694	421	23669	49.92
11	6321	609	60	6990	208	6185	0	1612	8274	8370	-1675	21265	0	21265	2903	425	24593	49.99
12	6445	329	60	6834	206	6191	0	1709	8306	8014	-1619	20929	0	20929	2964	406	24299	49.99
13	6539	224	61	6824	180	6178	0	1722	7858	7760	-1606	20648	0	20648	2936	410	23994	49.96
14	6510	228	60	6798	174	6067	0	1629	7524	7629	-1585	20292	0	20292	2828	420	23540	50.03
15	6573	382	61	7016	135	6167	0	1297	7693	7855	-1581	20474	0	20474	2858	415	23747	49.98
16	6472	546	60	7078	108	6176	0	872	7990	8168	-1570	20409	0	20409	2893	423	23725	49.98
17	6629	653	60	7342	129	6258	0	367	7447	7362	-1541	19481	0	19481	2877	436	22794	50.02
18	6628	1129	61	7818	174	6348	0	49	6721	6703	-1443	19224	0	19224	2846	425	22495	49.99
19	6591	2105	61	8757	224	6568	0	0	6095	6352	-1571	19913	0	19913	2947	417	23277	49.91
20	6669	1398	61	8128	253	6380	0	0	6317	6521	-1385	19476	0	19476	2822	421	22719	50.03
21	6543	429	61	7033	220	6272	0	0	6309	6163	-1547	17713	0	17713	2672	428	20813	50.02
22	6375	269	61	6705	219	5958	0	0	6185	6229	-1625	17076	0	17076	2546	410	20032	50.04
23	6371	230	61	6662	228	5816	0	0	5768	6006	-1562	16760	0	16760	2448	390	19598	49.99
24	6312	223	62	6597	301	5915	0	0	5721	5852	-1562	16729	0	16729	2385	374	19488	49.98
MUs	153.71	11.24	1.46	166.41	4.64	148.32	0.00	11.82	162.25	164.73	-34.73	451.89	0.00	451.89	59.98	9.31	521.18	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 08/Nov/2022

Position as on 6.30 Hrs of 09/Nov/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	15/11/2022
MSPGCL	Bhusawal Unit 3	210	15/10/2022	15:10		Continued.	ZERO SCHEDULE	
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	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	30/12/2022
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	15/11/2022
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	
IPP	RPL(AMT) U-5	270	06/10/2022	21:33		Continued.	Furnace Pressure High(converted into coal shortage from 15-10-2022)	
MSPGCL	Nasik Unit 3	210	08/10/2022	20:05		Continued.	PA FAN 3B motor replacement work Unit # 3 Nashik is under tolling from 08:00 hrs of 10/10/2022 & is available (as PA FAN 3B work is completed)	
MSPGCL	Uran Unit B0	120	09/10/2022	11:53		Continued.	TURBINE PROTECTION OPERATED	14/11/2022
MSPGCL	Uran Unit 8	108	09/10/2022	12:30		Continued.	BOILER PROBLEM	14/11/2022
IPP	JSW (J) U1	300	11/10/2022	02:40		Continued.	No Schedule	
IPP	SWPGPL U-3	135	21/10/2022	01:33		Continued.	Coal Shortage	
MSPGCL	Paras Unit 4	250	22/10/2022	16:51		Continued.	Turbine Vibration	15/11/2022
IPP	SWPGPL U-1	135	23/10/2022	20:29	08/11/2022	12:56	PA Fan Vibration Problem	06/11/2022
MSPGCL	Uran Unit 5	108	02/11/2022	17:35		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	04/11/2022	04:22		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	04/11/2022	19:53		Continued.	Gas shortage	
CENT.SECTOR	Tarapur 3	540	07/11/2022	02:00		Continued.	For maintenance on reactor side	
MSPGCL	Koyna Unit 6	80	07/11/2022	08:00	08/11/2022	15:10	INJECTOR REPLACEMENT	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Nov/2022

Position as on 6.30 Hrs of 09/Nov/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	IEPL Unit 1	270	08/11/2022	03:17	09/11/2022	00:00	Due to clinkering in Boiler	
IPP	IEPL Unit 1	270	09/11/2022	00:45	09/11/2022	02:58	Furnace Pressure High	
IPP	JSW (J) U3	300	09/11/2022	08:08		Continued.	Generator Elect. Fault	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Nov/2022

Statement-VII

Position as on 6.30 Hrs of 09/Nov/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV MAINBAY Outages/Trippings							
MAIN BAY (707) OF TIRORA CKT - 2 @ KORADI 3	IntraState	08/11/2022	09:19	08/11/2022	17:48	PO	Annual Maintenance of Bay Equipment
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	05/11/2022	12:21			PO	Annual Maintenance work AC & DC yard Equipment, Valve Hall,Diagnostic testing, Line Maintenance, etc.
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	05/11/2022	12:21			PO	Annual Maintenance work AC & DC Yard Equipment, Valve Hall, Diagnostic testing, Line Maintenance etc
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	08/11/2022	11:41	08/11/2022	15:34	T	Distance Protection
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	20/10/2022	10:27	08/11/2022	06:57	HT	For Load management
TBC @ KOLHAPUR(TALANDGE)	IntraState	03/11/2022	16:15			PO	Overhauling of A bus, B Bus, C Bus PG isolators.
PADGHE - PADGHE HVDC CKT- 2	IntraState	05/11/2022	12:21			PO	1. Bay maint. work 2. Diagnostic testing work 3. Bhel CB Pole Overhauling work 4. A bus PG Isolator Replacement work under LES 5. If pole Overhauling work not completed due to any reason line will be charge on TBC. 6. Hot line work for Replacement of Hanger assembly of A bus PG Isolator 7. Outage Should be Reschedule with annual outage of HVDC Pole if any date change .
THAPTI TANDA - AURANGABAD (WALUJ)	IntraState	08/11/2022	07:05	08/11/2022	17:26	PO	Replacement of faulty Disc Insulator strings by LRP strings
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/11/2022	07:32			HT	For Load Management
JAIGAD - KARAD CKT - 1	IntraState	08/11/2022	08:41	09/11/2022	08:06	PO	CVT replacement work
NEW KOYNA - DABHOL CKT - 1	IntraState	08/11/2022	12:43	08/11/2022	19:24	PO	Cold washing work
NAGOTHANE - DABHOL CKT - 1	IntraState	09/11/2022	03:53	09/11/2022	04:41	T	CB Tripped at Dabhol end only. AR successful at Nagothane end.
THAPTI TANDA - AURANGABAD (WALUJ)	IntraState	09/11/2022	06:36			PO	Replacement of faulty Disc Insulator strings by LRP strings
JAIGAD - KARAD CKT - 2	IntraState	09/11/2022	09:15			PO	CVT replacement work
400 KV ICT Outages/Trippings							
400/220/33 KV 315 MVA ICT - 2 @ PARLI	IntraState	07/11/2022	10:17			PO	Overhauling of 400kV Circuit Breaker (CGL Make) of 400/220kV, 315 MVA ICT-2 @ Girwali. 400/220kV, 315 MVA ICT-2 @ Girwali will remain charged through TBC
400/132 KV 200 MVA ICT - 1 @ KHADKA	IntraState	09/11/2022	09:12			PO	For HV CB Mechanism overhauling work
220 KV TBC Outages/Trippings							
BUS COUPLER @ JEJURI	IntraState	08/11/2022	10:59			PO	CB Mechanism overhauling work
220 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Nov/2022

Statement-VII

Position as on 6.30 Hrs of 09/Nov/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
ACCIL - APTA	IntraState	02/11/2022	15:57	08/11/2022	11:29	EO	CB DC leakage attending work by testing divison panvel.
EKLAHARE (OCR) - PADGHE	IntraState	07/11/2022	07:42			HT	For Overloading of 220kV Nashik-BBLR Line
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	07/11/2022	08:24			HT	For Load Management
URAN - KHARGHAR 1	IntraState	07/11/2022	08:28	08/11/2022	16:26	EO	Humming noice observed from B ph CB pole hence checking & overhauling ,Testing of CB
ALKUD - VITA	IntraState	08/11/2022	10:23	08/11/2022	13:16	PO	Damaged conductor replacement work at Loc no.61 Y ph
MALHARPETH SATARA MIDC	IntraState	08/11/2022	10:25	08/11/2022	13:50	PO	Quarterly Maintenance Work
BABLESHWAR-BABLESHWAR(400KV)-II	IntraState	08/11/2022	10:36	08/11/2022	17:15	PO	CB,CT Tan D
NAGOTHANE - SPCL	IntraState	08/11/2022	10:45	08/11/2022	21:55	PO	For jumper tightening and cable termination work
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	08/11/2022	12:22	08/11/2022	22:03	HT	For Load Management
SONKHAR - TROMBAY	IntraState	09/11/2022	00:10	09/11/2022	04:00	EO	To attend Hot spot on Y ph CB bottom plate.
LAMBOTI - PANDHARPUR	IntraState	09/11/2022	06:34			PO	Outage is required for Replacement of old Tower of Loc no. 506 by B+9 mtr due to low ground clarence alongwith allied work.
LAMBOTI - KARKAMB	IntraState	09/11/2022	06:47			PO	Replacement of old Tower of Loc no. 506 by B+9 mtr due to low ground clarence alongwith allied work.
LONAND-BARAMATI	IntraState	09/11/2022	07:35			HT	H/T TO CONTROL LINE LOADING
HINJAWADI I- CHINCHWAD	IntraState	09/11/2022	08:28			HT	H/T TO CONTROL LINE LOADING
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	09/11/2022	08:41			HT	H/T TO CONTROL LINE LOADING
URAN - KHARGHAR 1	IntraState	09/11/2022	09:24			PO	For Disc Insulator String Repalcement work
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 PTR 1 @ KHAREPATAN	IntraState	22/09/2022	16:35			T	ICT bursted
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.

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