

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Nov/2023 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	178.021	178.021	1) Gujrat	1.356	1.356
2) Hydro	7.473	7.473	2) Madhya Pradesh	6.997	6.997
3) Gas	6.807	6.807	3) Chattisgarh	7.530	7.530
Total MSPGCL	192.301	192.301	4) Maharashtra	215.081	215.081
B) 1) APMIL	58.389	58.389	5) Goa (Amona)	-1.580	-1.580
2) JSWEL	26.360	26.360	Total	229.384	229.384
3) VIPL	0.000	0.000	a) Mumbai Schedule	39.851	39.851
4) RPL(AMT)	25.514	25.514	b) Mumbai Drawl	42.603	42.603
5) SWPGPL	11.286	11.286	c) MSEDCL Bilateral *	108.959	108.959
6) Other IPP	13.277	13.277	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	39.851	39.851
C) 1) TPCL Thermal	13.056	13.056	Include PX	0.000	0.000
2) TPCL Hydro	3.400	3.400	Standby	0.000	0.000
3) TPCL Gas	1.307	1.307	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.779	9.779	1) MSEDCL	526.384	526.384
D) STATE			2) Mumbai Discoms	70.145	70.145
1) Thermal	335.682	335.682	3) Other Discoms	10.726	10.726
(A1+C1+C4+(B1-B6))			TOTAL STATE	607.255	607.255
2) Hydro (A2+C2)	10.873	10.873			
3) Gas (A3+B7+C3)	8.114	8.114			
4) Wind	9.498	9.498			
6) SOLAR	13.704	13.704			
TOTAL STATE	377.871	377.871			

* 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 24 Hrs
MSPGCL Thermal	7519	7408	7598	7487
MSPGCL Hydro	359	297	601	169
MSPGCL Gas	281	275	280	293
MSPGCL Total Generation	8159	7980	8479	7949
Central Sector Receipt	11067	10855	9608	8170
WIND	252	174	269	542
CPP / IPP Thermal	5222	4980	6500	5424
CPP / IPP Gas	0	0	0	0
SOLAR	1882	1963	0	0
Exchange with Mumbai	-2152	-2106	-1700	-1669
MSEDCL DEMAND MET	23941	23376	22673	19986
Load Shedding	0	0	0	0
MSEDCL DEMAND	23941	23376	22673	19986
TPCL GENERATION	777	806	1209	640
AEML GENERATION	357	434	442	501
MUMBAI DEMAND	3286	3346	3351	2810
OTHER DISCOM DEMAND	489	470	483	430
STATE DEMAND MET	27716	27192	26507	23226
STATE DEMAND	27716	27192	26507	23226
Frequency (Hz)	49.99	50.01	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.21 Hz at 13:02 Hrs	49.79 Hz at 08:05 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 01/Nov/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.32	4.32	190	160
Unit 8	14.35	14.35	635	538
Unit 9	14.71	14.71	660	546
Unit 10	14.44	14.44	626	560
Total	47.82	47.82		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.17	10.17	450	340
Unit 5	10.51	10.51	460	395
Total	20.68	20.68		
Parli				
Unit 6	4.34	4.34	216	148
Unit 7	3.72	3.72	169	130
Unit 8	4.90	4.90	226	181
Total	12.95	12.95		
Chandrapur				
Unit 3	3.48	3.48	160	115
Unit 4	3.72	3.72	158	151
Unit 5	9.88	9.88	500	360
Unit 6	8.99	8.99	395	330
Unit 7	7.59	7.59	326	291
Unit 8	10.95	10.95	488	414
Unit 9	11.29	11.29	479	451
Total	55.89	55.89		
Paras				
Unit 3	5.14	5.14	223	203
Unit 4	5.01	5.01	216	190
Total	10.14	10.14		
Khaparkheda				
Unit 1	1.74	1.74	95	60
Unit 2	2.35	2.35	126	65
Unit 3	2.65	2.65	163	0
Unit 4	2.78	2.78	173	0
Unit 5	10.92	10.92	475	440
Total	20.43	20.43		
Nasik				
Unit 3	3.56	3.56	161	130
Unit 4	3.38	3.38	149	116
Unit 5	3.15	3.15	138	124
Total	10.10	10.10		
Uran				
All Units	6.81	6.81	296	269
Total	6.81	6.81		
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)	0.42	0.42	53	0
Total	0.42	0.42		
Koyna				
Stage 1-2	1.58	1.58	205	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	1.48	1.48	253	0
Stage 3	0.92	0.92	160	0
Total	3.99	3.99		
Hydro				
KDPH	0.86	0.86	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.16	0.16	40	0
SMLHY_PTN	2.04	2.04	97	72
GHATGHAR	0.00	0.00	0	0
Total	3.06	3.06		
Wind				
Total	9.50	9.50	0	0
Total	9.50	9.50		
CPP				
APML(Mus)	58.39	58.39	0	0
JSWEL(Mus)	26.36	26.36	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.51	25.51	0	0
SWPGPL-Mus	11.29	11.29	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.87	5.87	258	220
Other(Mus)	4.55	4.55	0	0
JPL	2.85	2.85	194	66
Total	134.83	134.83		
SOLAR				
Total	13.70	13.70	0	0
Total	13.70	13.70		
Tata				
Trombay 5	8.31	8.31	454	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.92	0.92	110	0
Trombay 7B	0.39	0.39	64	0
TATA Hydro	3.40	3.40	374	46
Trombay 8	4.74	4.74	236	135
Total	17.76	17.76		
AEML				
DTPS U-1&2	9.78	9.78	501	314
Total	9.78	9.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	178.02	178.02	MSPGCL Total	192.30	192.30
			MSPGCL Thml+Gas	184.83	184.83	Koyna 1,2 & 4 Total	3.06	3.06
			MSPGCL Hydro	7.47	7.47	State Total	377.87	377.87

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Nov/2023

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	Load Shedding		MSEDC L DEM. WITH LS	MUMBAI DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS						Planned	*Transmission Constraint					
1	7292	164	286	7742	647	5412	0	0	8596	8798	-1605	20586	0	0	20586	2745	408	23739	49.97
2	7316	245	286	7847	820	5331	0	0	8798	8783	-1613	20787	0	0	20787	2528	381	23696	49.99
3	7304	165	287	7756	751	5254	0	0	8827	8661	-1484	20572	0	0	20572	2353	366	23291	50.00
4	7300	171	287	7758	692	5106	0	0	8951	9064	-1474	20772	0	0	20772	2243	374	23389	49.97
5	7201	221	288	7710	637	5653	0	0	9131	9248	-1434	21462	0	0	21462	2203	352	24017	49.97
6	7133	350	290	7773	566	6098	0	0	9622	9493	-1344	22191	0	0	22191	2288	395	24874	50.03
7	7195	359	296	7850	579	6006	0	34	9985	9718	-1489	22291	0	0	22291	2361	407	25059	50.02
8	7339	415	293	8047	412	6110	0	398	9576	9598	-1613	22501	0	7	22501	2498	451	25450	50.01
9	7371	622	288	8281	246	5348	0	1020	9986	10046	-1889	22577	0	12	22577	2782	475	25834	49.96
10	7504	507	287	8298	246	5372	0	1539	10464	10459	-1969	23469	0	49	23469	3073	476	27018	49.94
11	7519	359	281	8159	252	5222	0	1882	11143	11067	-2152	23941	0	302	23941	3286	489	27716	49.99
12	7355	176	279	7810	208	5048	0	1972	11422	11334	-2115	23781	0	283	23781	3374	476	27631	50.02
13	7408	297	275	7980	174	4980	0	1963	11041	10855	-2106	23376	0	46	23376	3346	470	27192	50.01
14	7260	368	274	7902	127	4836	0	1811	11098	11090	-2150	23131	0	23	23131	3232	485	26848	50.01
15	7491	245	271	8007	128	5049	0	1503	11269	10883	-2142	22947	0	23	22947	3369	481	26797	49.94
16	7611	224	269	8104	129	5880	0	1040	11069	10603	-2136	23141	0	24	23141	3436	479	27056	49.97
17	7661	228	275	8164	159	6161	0	473	10251	9967	-1951	22492	0	12	22492	3447	481	26420	49.97
18	7561	455	276	8292	163	6507	0	69	9373	9002	-1694	21844	0	1	21844	3381	495	25720	49.96
19	7598	601	280	8479	269	6500	0	0	9456	9608	-1700	22673	0	0	22673	3351	483	26507	50.02
20	7498	508	283	8289	394	6415	0	0	9287	8679	-1687	21607	0	0	21607	3230	483	25320	50.06
21	7455	248	283	7986	431	6008	0	0	8592	8126	-1718	20369	0	0	20369	3050	464	23883	50.02
22	7620	220	289	8129	443	5462	0	0	8363	8084	-1765	19888	0	0	19888	2907	465	23260	50.00
23	7542	155	291	7988	483	5644	0	0	8298	8049	-1704	20003	0	0	20003	2852	457	23312	49.97
24	7487	169	293	7949	542	5424	0	0	8485	8170	-1669	19986	0	0	19986	2810	430	23226	49.98
MUs	178.02	7.47	6.81	192.30	9.50	134.83	0.00	13.70	233.08	229.38	-42.60	526.38	0.00	0.78	526.38	70.15	10.73	607.26	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.

*Load Shedding due to Transmission Constraint :-

- 1) 132 KV BBLR To Rahuri Line over Load .520 Amp/104 MW.
- 2)DLS carried out due system under voltage in Pune area.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Nov/2023

Position as on 6.30 Hrs of 02/Nov/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Major overhaul.	15/02/2024
MSPGCL	Koyana Unit 11	80	10/07/2023	09:40		Continued.	COH	07/12/2023
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.	01/04/2024
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.	01/05/2024
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	08/11/2023
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	31/03/2024
MSPGCL	Uran Unit 6	108	05/10/2023	00:29		Continued.	Gas shortage	
IPP	RPL(AMT) U-2	270	12/10/2023	07:59		Continued.	Tripped Due to Electrical protection opted.	20/11/2023
MSPGCL	Ghatghar Unit-2	125	27/10/2023	00:00		Continued.	Guide vain not opening	
MSPGCL	Bhusawal Unit 3	210	31/10/2023	23:45		Continued.	ID Fan Problem	03/11/2023
TPC-G	Trombay 7B	60	01/11/2023	01:13	01/11/2023	16:52	reduced APM gas supply rate as ONGC pigging operation is being carried out.	01/11/2023
TPC-G	Trombay 7A	120	01/11/2023	01:17	01/11/2023	13:34	reduced APM gas supply rate as ONGC pigging operation is being carried out.	01/11/2023
MSPGCL	Khaparkheda Unit 3	210	01/11/2023	04:28	01/11/2023	08:18	Furnace Pressure High	
MSPGCL	Khaparkheda Unit 4	210	01/11/2023	10:44	01/11/2023	13:00	Furnace Pressure High	
MSPGCL	Khaparkheda Unit 3	210	02/11/2023	03:42		Continued.	Furnace Pressure High	
MSPGCL	Parli Unit 7	250	02/11/2023	06:29		Continued.	Boiler Tube Leakage	05/11/2023

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Nov/2023

Statement-VII

Position as on 6.30 Hrs of 02/Nov/2023

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							
MAIN BAY - 418 OF IEPL @ KORADI-2	IntraState	29/09/2023	10:42			PO	1)Diagnostic testing of Circuit breaker 418-Q52. 2) Routine Maintenance work of Bay 418.
MAIN BAY (410)OF BHUSAWAL (KHADKA) @ AKOLA	IntraState	01/11/2023	13:13	01/11/2023	14:58	T	Hand trip of 410 52 cb for online work by hot line unit on connector of isolator main bay 410 89 b r phase in terminal connector towards ct side having temp. 79.6 �c.
400 KV LINE Outages/Trippings							
400KV-PARLI NEW-PARLI-M-1	InterState	19/08/2023	22:49			PO	For reconductoring
PADGHE - BOISAR (PG)	InterState	27/10/2023	12:32			HT	Outage proposed by Powergrid.
BABHALESHWAR - RPL(NSK) CKT - 1	IntraState	01/08/2023	09:21			EO	For attending Oil Leakage Problem of ȳȳ phase Protection CT Of NTPP I (RPL 1)
BUS REACTOR (50MVAR) @ PARLI	IntraState	27/09/2023	15:30			PO	Replacement of old 50 MVar bus reactor by new 125 MVar bus reactor.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	03/10/2023	08:04			HT	H/T for load management.
KHARGHAR - VIKHROLI GIS CKT - 1	IntraState	29/10/2023	04:43			HT	Line Hand tripped for safety purpose during tap period of Katai nakka.
KHARGHAR - VIKHROLI GIS CKT - 2	IntraState	29/10/2023	04:45			HT	Line Hand tripped for safety purpose during tap period of Katai nakka.
LONIKAND 2 - KARJAT CKT - 1	IntraState	02/11/2023	00:33	02/11/2023	01:06	HT	Emergency Outage for Isolation of Line Reactor at Lonikand2.
PARLI - KARJAT CKT - 2	IntraState	02/11/2023	04:15	02/11/2023	04:53	HT	Emergency Outage for Isolation of Line Reactor at Parli.
400 KV ICT Outages/Trippings							
STATION TF No 3 @ CHANDRAPUR GCR	IntraState	01/03/2023	15:07			PO	1) Oil filtration work 2) Testing of Station transformer 3) Preventive maintenance work.
STATION TRANSFORMER - 8A @ CHANDRAPUR SWITCHING SS	IntraState	23/10/2023	00:10			EO	CHECKING AND TESTING OF TRANSFORMER
400/220KV 500 MVA ICT - 1 @ VIKHROLI GIS	IntraState	28/10/2023	22:20			PO	1) ICTs Hand tripped for safety purpose during tap period of Katai nakka 2) Removal of Tata Power 220KV Lines passing over Vikhroli Substation
400/220KV 500 MVA ICT - 2 @ VIKHROLI GIS	IntraState	28/10/2023	22:27			PO	1) ICTs Hand tripped for safety purpose during tap period of Katai nakka 2) Removal of Tata Power 220KV Lines passing over Vikhroli Substation
400/220KV 500 MVA ICT - 3 @ VIKHROLI GIS	IntraState	28/10/2023	22:32			PO	1) ICTs Hand tripped for safety purpose during tap period of Katai nakka 2) Removal of Tata Power 220KV Lines passing over Vikhroli Substation
400/220/33 KV 500 MVA ICT - 2 @ LAMBOTI	IntraState	01/11/2023	10:37	01/11/2023	16:35	PO	For ICT Painting work
400/220/33 KV 500 MVA ICT - 2 @ DHULE	IntraState	01/11/2023	21:11	02/11/2023	02:17	T	Attending hotspot.
220 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Nov/2023

Statement-VII

Position as on 6.30 Hrs of 02/Nov/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
GOREGAON - AAREY CKT - 2	IntraState	19/08/2023	07:13			PO	Outage proposed for bunching of 220kV Aarey-AEML Borivali Line (which is under outage) with 220kV Aarey-Goregaon Line-2. Work to be executed under MERC approved Aarey AIS to GIS project conversion scheme.
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	26/10/2023	20:16			HT	Charged from Navsary end only
ONI KHAREPATAN LINE	IntraState	31/10/2023	09:13			PO	Replacement of Auxiliary Switch, Closing coil & Tripping coil each, variable resistor of 220kV Oni-Kharepatan line CB R Ph pole
220 KV KALMESHVAR WARUD CKT I	IntraState	01/11/2023	00:05			T	BPH CT Blast.
ONI KHAREPATAN LINE	IntraState	01/11/2023	09:04	01/11/2023	20:52	PO	For replacement of insulators detected critical in PID testing.
WARDHA-D-GAON NEW	IntraState	01/11/2023	09:28	01/11/2023	10:45	HT	CT TAN delta test.
BADNERA - AMRAVATI	IntraState	01/11/2023	11:50	01/11/2023	15:35	HT	1) for diagnostic activities of line bay 2) dismantling of y & b- ph cc.
PUSAD-GHATODI	IntraState	01/11/2023	12:30	01/11/2023	16:32	T	Measurement of c & tan delta of line ct's & cc. cb crm, timing, ir values. routine maintenance 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.
220/100 KV 200 MVA ICT 1 @ BORIVALI	IntraState	12/10/2023	10:19		Continued.	PO	For replacement of various EHV equipments under LE Scheme. The old EHV equipments are to be replaced under LE Scheme whose details are as given below - 1. 220 kV Circuit Breaker - 1 No. 2. 220 kV Lightning Arrestors - 3 Nos. 3. 100 kV Potential Transformers - 6 Nos. 4. 100 kV Isolators - 9 Nos. Also the Anti Corrosive Painting of ICT-1 will be carried out in this outage.
220/132 KV 100 MVA ICT I	IntraState	01/11/2023	11:19			HT	Attending oil leakages at various joints by agency. (m/s. shrkant traders).
220 KV BUSBAR Outages/Trippings							
220KV AUXILLARY BUS @ BAMBHORI	IntraState	26/07/2023	15:03			T	Avoid mal operation of Aux bus zone, Blocking of busbar relay for aux bus zone is required.
AUXILIARY BUS @ PADGHE	IntraState	14/09/2023	10:32			PO	For making twin bus conductor arrangements of 220kV Aux. Bus in upper section .
132 KV LINE Outages/Trippings							
MANSAR-PENCH	InterState	22/09/2023	07:10			HT	H/T FOR LOAD MANAGEMENT
110 KV LINE Outages/Trippings							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.

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