

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Nov/2023 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	171.649	1016.871	1) Gujrat	2.644	14.039
2) Hydro	7.641	47.235	2) Madhya Pradesh	4.043	31.712
3) Gas	4.139	37.218	3) Chattisgarh	7.810	45.560
Total MSPGCL	183.429	1101.324	4) Maharashtra	208.108	1276.293
B) 1) APML	57.150	373.674	5) Goa (Amona)	-1.519	-9.167
2) JSWEL	25.940	156.769	Total	221.086	1358.437
3) VIPL	0.000	0.000	a) Mumbai Schedule	40.019	227.220
4) RPL(AMT)	25.556	153.380	b) Mumbai Drawl	40.393	240.207
5) SWPGPL	11.296	64.112	c) MSEDCL Bilateral *	104.628	650.283
6) Other IPP	21.225	100.196	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	40.019	227.220
C) 1) TPCL Thermal	13.373	78.167	Include PX	0.000	0.000
2) TPCL Hydro	2.525	16.665	Standby	0.000	0.000
3) TPCL Gas	2.834	14.494	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.492	61.208	1) MSEDCL	520.699	3150.197
D) STATE			2) Mumbai Discoms	69.617	410.738
1) Thermal	336.681	2004.377	3) Other Discoms	10.648	62.745
(A1+C1+C4+(B1-B6))			TOTAL STATE	600.964	3623.680
2) Hydro (A2+C2)	10.166	63.900			
3) Gas (A3+B7+C3)	6.973	51.712			
4) Wind	13.997	65.563			
6) SOLAR	12.061	79.694			
TOTAL STATE	379.878	2265.246			

* 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 3 Hrs
MSPGCL Thermal	7286	7231	7244	6867
MSPGCL Hydro	417	208	1314	194
MSPGCL Gas	136	131	174	144
MSPGCL Total Generation	7839	7570	8732	7205
Central Sector Receipt	10890	10973	8488	7843
WIND	551	407	297	1194
CPP / IPP Thermal	5853	5284	6876	5285
CPP / IPP Gas	0	0	0	0
SOLAR	1659	1826	0	0
Exchange with Mumbai	-2091	-2099	-1561	-1486
MSEDCL DEMAND MET	24218	23470	22338	19701
Load Shedding	0	0	0	0
MSEDCL DEMAND	24218	23470	22338	19701
TPCL GENERATION	797	825	1204	543
AEML GENERATION	479	499	501	299
MUMBAI DEMAND	3367	3423	3266	2328
OTHER DISCOM DEMAND	483	491	494	340
STATE DEMAND MET	28068	27384	26098	22369
STATE DEMAND	28068	27384	26098	22369
Frequency (Hz)	50.02	49.96	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.22 Hz at 00.00 Hrs	49.83 Hz at 12.43 Hrs	50.01	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 06/Nov/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.18	25.61	195	125
Unit 8	0.00	29.89	0	0
Unit 9	14.51	80.38	612	582
Unit 10	14.73	84.12	640	565
Total	33.41	220.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.19	60.42	450	355
Unit 5	9.58	60.71	445	315
Total	19.77	121.13		
Parli				
Unit 6	5.09	29.19	249	146
Unit 7	5.05	16.24	244	144
Unit 8	5.40	33.05	251	151
Total	15.54	78.49		
Chandrapur				
Unit 3	3.66	20.74	160	132
Unit 4	3.67	21.96	156	145
Unit 5	10.81	63.01	466	420
Unit 6	9.20	50.76	400	361
Unit 7	7.76	46.94	337	309
Unit 8	10.52	65.12	465	414
Unit 9	11.34	67.54	483	460
Total	56.96	336.08		
Paras				
Unit 3	5.27	31.55	232	201
Unit 4	5.56	30.47	238	223
Total	10.82	62.01		
Khaparkheda				
Unit 1	3.96	16.20	175	145
Unit 2	2.74	15.50	129	92
Unit 3	3.97	20.28	178	142
Unit 4	4.38	22.79	193	146
Unit 5	10.82	64.27	470	409
Total	25.87	139.04		
Nasik				
Unit 3	3.59	21.77	167	132
Unit 4	2.84	20.27	155	0
Unit 5	2.84	18.09	125	113
Total	9.27	60.12		
Uran				
All Units	4.14	37.22	294	131
Total	4.14	37.22		
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)	0.94	5.41	40	36
Total	0.94	5.41		
Koyna				
Stage 1-2	1.76	11.61	475	35

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	1.42	7.54	519	0
Stage 3	0.56	4.53	138	0
Total	3.73	23.67		
Hydro				
KDPH	0.43	3.65	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.14	1.10	40	0
SMLHY_PTN	2.38	13.38	105	92
GHATGHAR	0.02	0.02	10	0
Total	2.97	18.15		
Wind				
Total	14.00	65.56	0	0
Total	14.00	65.56		
CPP				
APML(Mus)	57.15	373.67	0	0
JSWEL(Mus)	25.94	156.77	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.56	153.38	0	0
SWPGPL-Mus	11.30	64.11	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.37	32.48	267	203
Other(Mus)	14.86	61.91	0	0
JPL	1.00	5.81	109	0
Total	141.17	848.13		
SOLAR				
Total	12.06	79.69	0	0
Total	12.06	79.69		
Tata				
Trombay 5	8.76	50.66	450	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.67	8.56	108	39
Trombay 7B	1.16	5.93	65	35
TATA Hydro	2.52	16.66	353	37
Trombay 8	4.62	27.50	233	130
Total	18.73	109.33		
AEML				
DTPS U-1&2	10.49	61.21	501	295
Total	10.49	61.21		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	171.65	1016.87	MSPGCL Total	183.43	1101.32
			MSPGCL Thml+Gas	175.79	1054.09	Koyna 1,2 & 4 Total	3.18	19.15
			MSPGCL Hydro	7.64	47.24	State Total	379.88	2265.25

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	7051	195	140	7386	1185	5344	0	0	8581	7928	-1805	19658	0	0	19658	2688	380	22726	50.04
2	6745	190	142	7077	1193	5236	0	0	8436	8231	-1641	19740	0	0	19740	2490	356	22586	50.00
3	6867	194	144	7205	1194	5285	0	0	8200	7843	-1486	19701	0	0	19701	2328	340	22369	50.00
4	6922	200	144	7266	1038	5246	0	0	8194	8121	-1400	19934	0	0	19934	2218	337	22489	49.99
5	6944	199	144	7287	874	5368	0	0	8548	8565	-1328	20416	0	0	20416	2163	350	22929	50.00
6	7180	219	144	7543	805	5563	0	0	9281	9058	-1263	21327	0	0	21327	2235	380	23941	49.97
7	7290	203	152	7645	693	5702	0	26	9708	9740	-1303	22087	0	0	22087	2330	416	24833	50.00
8	7290	239	178	7707	586	6156	0	354	9301	9203	-1429	22136	0	0	22136	2506	441	25083	50.00
9	7303	240	141	7684	495	6191	0	875	9746	9310	-1795	22298	0	0	22298	2808	462	25568	50.07
10	7355	448	140	7943	534	5897	0	1360	10417	10241	-2027	23450	0	0	23450	3137	498	27085	50.02
11	7286	417	136	7839	551	5853	0	1659	11171	10890	-2091	24218	0	3	24218	3367	483	28068	50.02
12	7222	369	137	7728	503	5345	0	1849	11641	11129	-2138	23922	0	8	23922	3449	493	27865	50.00
13	7231	208	131	7570	407	5284	0	1826	11377	10973	-2099	23470	0	12	23470	3423	491	27384	49.96
14	7091	211	136	7438	336	5244	0	1569	11253	10874	-1969	23031	0	10	23031	3290	461	26782	50.02
15	7227	192	136	7555	220	5588	0	1276	11490	11082	-2000	23260	0	0	23260	3346	460	27067	49.99
16	7251	193	134	7578	192	6026	0	826	11495	10960	-2052	23058	0	0	23058	3395	472	26924	49.97
17	7204	313	137	7654	209	6623	0	387	10317	9955	-1856	22478	0	0	22478	3357	493	26329	49.99
18	7274	692	189	8155	219	6882	0	54	8877	8858	-1626	22047	0	0	22047	3291	495	25833	49.99
19	7244	1314	174	8732	297	6876	0	0	9149	8488	-1561	22338	0	0	22338	3266	494	26098	50.03
20	7298	407	214	7919	373	6774	0	0	9109	8656	-1586	21638	0	0	21638	3141	498	25277	50.03
21	7153	295	277	7725	410	6389	0	0	7998	7649	-1508	20182	0	0	20182	2990	483	23655	49.99
22	7189	278	285	7752	531	6367	0	0	8016	7284	-1468	19978	0	0	19978	2866	488	23332	50.04
23	7033	237	290	7560	575	6127	0	0	8168	7654	-1469	19989	0	0	19989	2785	457	23232	50.03
24	6999	188	294	7481	577	5801	0	0	8469	8394	-1493	20343	0	0	20343	2748	418	23508	49.99
MUs	171.65	7.64	4.14	183.43	14.00	141.17	0.00	12.06	228.94	221.09	-40.39	520.70	0.00	0.03	520.70	69.62	10.65	600.96	50.01

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 :-

132Kv supa-sonewadi & 132Kv MIDC-Ahmednagar-sonewadi line overload.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Nov/2023

Position as on 6.30 Hrs of 07/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 U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	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	30/11/2023
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	06/11/2023	18:55	Guide vain not opening	
MSPGCL	Bhusawal Unit 3	210	31/10/2023	23:45		Continued.	ID Fan Problem	07/11/2023
IPP	JPL Unit 1	150	03/11/2023	00:01		Continued.	For attending Hotspot of 220 KV Evacuation Line	09/11/2023
MSPGCL	Koradi Unit 8	660	03/11/2023	06:14	07/11/2023	00:18	Boiler Tube Leakage	07/11/2023
MSPGCL	Uran Unit 8	108	05/11/2023	21:03		Continued.	vibration measurement analysis and weight balancing related activities	07/11/2023
MSPGCL	Nasik Unit 4	210	06/11/2023	20:00	07/11/2023	06:15	Boiler Validity extension.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Nov/2023

Statement-VII

Position as on 6.30 Hrs of 07/Nov/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
MAIN BUS - 1 @ AKOLA 2	IntraState	06/11/2023	13:37	06/11/2023	18:11	PO	AMP Work.
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.
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.
DHULE - KHANDWA CKT - 2	InterState	06/11/2023	13:37	06/11/2023	14:53	T	Tripped on Distance Protection.
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.
KHADKA- DEEPNAGAR CKT 2	IntraState	06/11/2023	08:20			PO	Main - 2 distance relay retrofitting work under MTAMC Projeť.
220 KV KHAPARKHEDA (400KV) - AMBAZARI CKT	IntraState	06/11/2023	08:35	06/11/2023	18:38	PO	Single jumper conversion to twin jumper conversion of all equipments.
220kV Koradi-2 - Uppalwadi ckt 2	IntraState	06/11/2023	10:30	06/11/2023	14:00	PO	Diagnostic Testing and Routine maintenance work.
DHULE - DHULE(BDTCL) CKT - 2	IntraState	06/11/2023	11:35			PO	Circuit Breaker overhauling work by OEM. Line will be shifted on 400kV TBC
EKTUNI - TAPTITANDA CKT - 1	IntraState	06/11/2023	12:34	06/11/2023	18:44	PO	Diagnostic Testing & Routine Maintenance
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
220 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Nov/2023

Statement-VII

Position as on 6.30 Hrs of 07/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
220 KV KALMESHVAR WARUD CKT I	IntraState	01/11/2023	00:05			T	BPH CT Blast.
CHINCHWAD- PARVATI	IntraState	04/11/2023	11:22	06/11/2023	07:20	EO	Dismantling and commissioning of CT
MUMEWADI -HALKARNI 2 LINE	IntraState	06/11/2023	12:40	06/11/2023	17:58	PO	Quarterly Maintenance
CHIKHALI-JALNA I	IntraState	06/11/2023	12:53	06/11/2023	16:01	PO	OPGW Installation work.
CHIKHALI-JALNA II	IntraState	06/11/2023	12:54	06/11/2023	16:02	PO	OPGW Installation 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. shrikant traders).
220/33KV 50MVA PTR 1 @ 5 STAR MIDC, KAGAL	IntraState	06/11/2023	10:15	06/11/2023	13:45	PO	for LV back up relay replacement work by testing team.
220/132 KV 100 MVA ICT 2	IntraState	06/11/2023	16:09	06/11/2023	18:01	PO	Attending oil leakage from LV side B phase CT.
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 .
MAIN BUS @ PAWAS	IntraState	06/11/2023	10:06	06/11/2023	17:15	PO	For Insulator cleaning of 220kV Main Bus, Disconnection of 220kV Dead Bus & 220kV PT Maintenance at 220kV Pawas Substation
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