

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Oct/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.386	3583.689	1) Gujrat	-8.251	207.209
2) Hydro	6.911	243.751	2) Madhya Pradesh	0.777	135.693
3) Gas	2.204	68.631	3) Chattisgarh	5.720	164.140
Total MSPGCL	150.501	3896.071	4) Maharashtra	154.628	4754.467
B) 1) APML	53.836	1695.044	5) Goa (Amona)	-1.547	-44.825
2) JSWEL	12.839	461.109	Total	151.327	5216.684
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.366	1024.385
4) RPL(AMT)	25.463	729.724	b) Mumbai Drawl	36.494	1129.251
5) SWPGPL	5.295	199.240	c) MSEDCL Bilateral *	63.241	2054.140
6) Other IPP	21.210	326.103	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.366	1024.374
C) 1) TPCL Thermal	10.094	312.606	Include PX	0.000	0.000
2) TPCL Hydro	2.758	112.881	Standby	0.000	0.012
3) TPCL Gas	2.510	74.058	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.246	275.684	1) MSEDCL	394.731	11758.348
D) STATE			2) Mumbai Discoms	60.102	1904.458
1) Thermal	278.369	7583.199	3) Other Discoms	9.544	284.062
(A1+C1+C4+(B1-B6))			TOTAL STATE	464.377	13946.868
2) Hydro (A2+C2)	9.669	356.632			
3) Gas (A3+B7+C3)	4.714	142.689			
4) Wind	8.071	319.441			
6) SOLAR	12.227	328.245			
TOTAL STATE	313.050	8730.206			

* 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	6203	5459	6507	5296
MSPGCL Hydro	161	161	1413	165
MSPGCL Gas	91	89	89	94
MSPGCL Total Generation	6455	5709	8009	5555
Central Sector Receipt	7559	7756	6171	5079
WIND	283	266	295	363
CPP / IPP Thermal	4707	4625	5571	4513
CPP / IPP Gas	0	0	0	0
SOLAR	1636	1770	0	0
Exchange with Mumbai	-1833	-2093	-1349	-1157
MSEDCL DEMAND MET	18356	17605	18244	14019
Load Shedding	0	0	0	0
MSEDCL DEMAND	18356	17605	18244	14019
TPCL GENERATION	688	590	1067	527
AEML GENERATION	490	357	475	307
MUMBAI DEMAND	3011	3040	2891	1991
OTHER DISCOM DEMAND	451	428	453	334
STATE DEMAND MET	21818	21073	21588	16344
STATE DEMAND	21818	21073	21588	16344
Frequency (Hz)	50.00	49.98	50.04	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.14 Hz at 14:01 Hrs	49.78 Hz at 17:44 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 31/Oct/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.94	81.96	215	190
Unit 7	0.00	0.00	0	0
Unit 8	11.24	274.62	501	382
Unit 9	10.89	73.87	506	370
Unit 10	9.43	293.10	397	375
Total	36.50	723.54		
Bhusawal				
Unit 3	0.00	32.53	0	0
Unit 4	8.04	248.84	410	275
Unit 5	8.38	226.55	415	280
Total	16.42	507.92		
Parli				
Unit 6	4.13	101.46	250	149
Unit 7	4.15	89.46	241	140
Unit 8	3.33	74.56	163	127
Total	11.61	265.48		
Chandrapur				
Unit 3	3.20	65.57	170	120
Unit 4	2.99	75.55	152	113
Unit 5	7.07	188.64	340	265
Unit 6	6.27	188.72	310	210
Unit 7	7.07	221.19	310	275
Unit 8	8.85	137.21	452	276
Unit 9	8.81	261.81	433	304
Total	44.26	1138.68		
Paras				
Unit 3	5.48	136.44	239	214
Unit 4	0.00	0.16	0	0
Total	5.48	136.60		
Khaparkheda				
Unit 1	2.53	82.42	115	85
Unit 2	2.70	89.10	125	95
Unit 3	3.40	105.57	170	124
Unit 4	3.21	98.11	143	127
Unit 5	8.94	253.84	460	271
Total	20.78	629.04		
Nasik				
Unit 3	0.00	25.32	0	0
Unit 4	3.20	94.87	170	114
Unit 5	3.12	62.23	172	107
Total	6.33	182.43		
Uran				
All Units	2.20	68.63	95	88
Total	2.20	68.63		
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)	1.04	18.81	44	43
Total	1.04	18.81		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.38	62.86	175	40
Stage 4	1.49	46.81	857	0
Stage 3	0.82	26.39	160	0
Total	3.70	136.07		
Hydro				
KDPH	0.00	6.26	0	0
VTRNA	0.00	4.54	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.06	7.70	40	0
SMLHY_PTN	1.88	64.30	81	76
GHATGHAR	0.23	6.06	125	0
Total	2.17	88.87		
Wind				
Total	8.07	319.44	0	0
Total	8.07	319.44		
CPP				
APML(Mus)	53.84	1695.04	0	0
JSWEL(Mus)	12.84	461.11	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.46	729.72	0	0
SWPGPL-Mus	5.30	199.24	0	0
Other(Mus)	21.21	326.10	0	0
Total	118.64	3411.22		
SOLAR				
Total	12.23	328.24	0	0
Total	12.23	328.24		
Tata				
Trombay 5	6.85	202.27	377	262
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.40	41.27	106	49
Trombay 7B	1.11	32.78	64	42
TATA Hydro	2.76	112.88	388	14
Trombay 8	3.24	110.33	169	128
Total	15.36	499.54		
AEML				
DTPS U-1&2	8.25	275.68	497	286
Total	8.25	275.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.39	3583.69	MSPGCL Total	150.50	3896.07
			MSPGCL Thml+Gas	143.59	3652.32	Koyna 1,2 & 4 Total	2.87	109.68
			MSPGCL Hydro	6.91	243.75	State Total	313.05	8730.21

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/Oct/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	5258	165	94	5517	398	4491	0	0	5080	5456	-1260	14244	0	14244	2128	358	16730	50.00
2	5296	165	94	5555	363	4513	0	0	5039	5079	-1157	14019	0	14019	1991	334	16344	50.00
3	5244	165	94	5503	377	4498	0	0	5021	5321	-1077	14329	0	14329	1881	293	16503	49.99
4	5334	160	94	5588	362	4656	0	0	4983	5115	-1027	14382	0	14382	1825	312	16519	49.96
5	5580	164	94	5838	332	5008	0	0	5233	5407	-1007	15266	0	15266	1804	312	17382	50.01
6	6048	164	94	6306	322	5177	0	0	5388	5278	-1082	15654	0	15654	1880	347	17881	50.00
7	6439	206	95	6740	345	5745	0	43	5654	5641	-1113	17027	0	17027	1975	374	19376	49.95
8	6457	321	94	6872	283	5774	0	373	5891	6085	-1259	17728	0	17728	2157	400	20285	49.96
9	6256	280	95	6631	159	5244	0	873	6450	6669	-1621	17512	0	17512	2472	443	20427	50.02
10	6236	271	93	6600	202	4821	0	1273	7076	7166	-1832	17786	0	17786	2785	444	21015	50.03
11	6203	161	91	6455	283	4707	0	1636	7389	7559	-1833	18356	0	18356	3011	451	21818	50.00
12	5801	161	90	6052	277	4618	0	1774	7723	7490	-1904	17859	0	17859	3089	448	21396	50.00
13	5459	161	89	5709	266	4625	0	1770	7881	7756	-2093	17605	0	17605	3040	428	21073	49.98
14	5352	161	88	5601	239	4445	0	1614	7752	7796	-2024	17263	0	17263	2902	408	20573	50.00
15	5548	295	88	5931	198	4486	0	1439	7690	7807	-2044	17411	0	17411	2929	406	20746	49.99
16	6204	186	88	6478	178	4996	0	938	7387	7296	-2058	17417	0	17417	2960	411	20788	50.00
17	6381	166	89	6636	216	5358	0	412	6977	6878	-1932	17134	0	17134	2954	434	20522	49.95
18	6385	918	89	7392	184	5622	0	82	6025	5984	-1523	17300	0	17300	2889	441	20630	49.97
19	6507	1413	89	8009	295	5571	0	0	5815	6171	-1349	18244	0	18244	2891	453	21588	50.04
20	6345	459	90	6894	470	5411	0	0	6556	6368	-1403	17308	0	17308	2762	432	20502	50.05
21	6004	241	92	6337	507	4999	0	0	6230	6195	-1486	16123	0	16123	2617	429	19169	50.00
22	5981	201	92	6274	555	4713	0	0	5827	5884	-1536	15464	0	15464	2477	426	18367	50.01
23	5595	163	94	5852	640	4740	0	0	5585	5401	-1463	14778	0	14778	2376	392	17546	50.02
24	5473	164	94	5731	620	4425	0	0	5438	5525	-1411	14521	0	14521	2307	369	17197	50.01
MUs	141.39	6.91	2.20	150.50	8.07	118.64	0.00	12.23	150.09	151.33	-36.49	394.73	0.00	394.73	60.10	9.54	464.38	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 31/Oct/2022

Position as on 6.30 Hrs of 01/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 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.	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	31/10/2022
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	31/10/2022
MSPGCL	Uran Unit 8	108	09/10/2022	12:30		Continued.	BOILER PROBLEM	31/10/2022
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	05/11/2022
IPP	SWPGPL U-1	135	23/10/2022	20:29		Continued.	PA Fan Vibration Problem	01/11/2022
MSPGCL	Uran Unit 6	108	29/10/2022	11:59		Continued.	Gas shortage	
IPP	Adani U-4	660	31/10/2022	08:11		Continued.	APH-B hot PA bellow leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 01/Nov/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							
KARAD - LONIKAND I	IntraState	10/10/2022	09:28			PO	1. Errection of 315A & 316 in line tower. 2. Loc no. 315 to 315A S/C stringing. 3. Loc no. 315A to 33(D/C LILO tower) stringing. 4. Loc No. 316 to 33(D/C LILO tower) stringing. 5. Dismantling of existing in line tower at loc no 316.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	20/10/2022	10:27			HT	For Load management
JAIGAD - KARAD CKT - 2	IntraState	30/10/2022	20:07	31/10/2022	13:24	HT	To control overvoltage
KHADKA-AURANGABAD (WALUJ)	IntraState	30/10/2022	20:26	31/10/2022	07:41	HT	To control overvoltage
JAIGAD - KARAD CKT - 2	IntraState	31/10/2022	09:03	31/10/2022	13:24	PO	installation of MSEDCL summation main meter.
MAIN BUS - 2 @ KORADI-3	IntraState	31/10/2022	09:37	31/10/2022	19:41	PO	Annual maintenance of Bus Equipments.
DHULE- - BABLESHWAR - I	IntraState	31/10/2022	11:23	31/10/2022	21:26	EO	Replacement of flashover and crack insulator string found in monkey patrolling at Loc No.142,145 &147
JAIGAD - KARAD CKT - 1	IntraState	31/10/2022	13:34	31/10/2022	15:58	PO	installation of MSEDCL summation main meter.
JAIGAD - NEW KOYNA CKT - 2	IntraState	31/10/2022	16:18	31/10/2022	17:26	PO	installation of MSEDCL summation main meter.
JAIGAD - NEW KOYNA CKT - 1	IntraState	31/10/2022	17:33	31/10/2022	18:37	PO	installation of MSEDCL summation main meter.
KHADKA-AURANGABAD (WALUJ)	IntraState	31/10/2022	21:39	01/11/2022	05:48	HT	TO CONTROL OVERVOLTAGE
DEEPNAGAR - THAPTI TANDA	IntraState	01/11/2022	06:33			PO	for replacement of faulty insulator strings by long rod insulator
400 KV ICT Outages/Trippings							
400/220/33 KV 315 MVA ICT - 1 @ PARLI	IntraState	31/10/2022	10:04	31/10/2022	19:45	PO	C & Tan delta measurement of bushings & Windings of ICT units.
220 KV TBC Outages/Trippings							
TBC @ GHODBUNDER	IntraState	31/10/2022	09:26	31/10/2022	17:26	PO	Facilitating Outage of 220kV Ghodbunder-Gorai Line (Safety Purpose)
220 KV MAINBAY Outages/Trippings							
BUS COUPLER @ KALWA	IntraState	31/10/2022	10:08	31/10/2022	14:15	PO	Diagnostic testing work, Bay maintenance work.
220 KV LINE Outages/Trippings							
AAREY - MSETCL BORIVALI CKT - 2	IntraState	24/10/2022	22:53			T	R-ph Differential Protection
BIDRI - SAWANTWADI	IntraState	30/10/2022	23:43	31/10/2022	08:55	HT	HAND TRIPPED TO CONTORL O/V
NAGOTHANE - POSCO	IntraState	31/10/2022	09:26	31/10/2022	20:09	PO	DIAGNOSTIC TESTING AND MAINTENANCE WORK
GHODBUNDER - GORAI	IntraState	31/10/2022	09:28	31/10/2022	19:06	PO	Annual maintenance of Line/Bay equipment
BABLESHWAR- ALEPHATA CKT - 1	IntraState	31/10/2022	16:04	31/10/2022	18:16	EO	220 Kv Babhaleshwar Alephata Ckt for For replacement of faulty DISC insulators string as detected in the vertical patrolling of the line carried 50 R ph .

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 01/Nov/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
EKLAHARE (OCR) - PADGHE	IntraState	31/10/2022	16:25	31/10/2022	18:23	HT	Line load control
EKLAHARE (OCR) - PADGHE	IntraState	01/11/2022	09:32			HT	H/T TO CONTROL BBLR LINE LOADING
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
220/132 KV 200 MVA ICT 2 @ AHMEDNAGAR	IntraState	31/10/2022	10:38	31/10/2022	18:38	PO	HV meter, LV meter & OTI Replacement work.
220/132 KV 100 MVA ICT 1 @ PHALTAN MIDC	IntraState	31/10/2022	11:07	31/10/2022	14:11	PO	For Checking DC leakage in fire detectors & testing of NIFPS.
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.

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