

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Oct/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.511	3442.303	1) Gujrat	-7.722	215.460
2) Hydro	4.257	236.840	2) Madhya Pradesh	1.957	134.916
3) Gas	2.210	66.427	3) Chattisgarh	6.020	158.420
Total MSPGCL	134.978	3745.570	4) Maharashtra	144.622	4599.839
B) 1) APLM	54.298	1641.208	5) Goa (Amona)	-1.414	-43.278
2) JSWEL	13.558	448.270	Total	143.463	5065.357
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.958	992.020
4) RPL(AMT)	22.899	704.261	b) Mumbai Drawl	31.178	1092.757
5) SWPGPL	5.285	193.945	c) MSEDCL Bilateral *	69.372	1990.899
6) Other IPP	19.826	304.893	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.958	992.008
C) 1) TPCL Thermal	9.565	302.512	Include PX	0.000	0.000
2) TPCL Hydro	1.597	110.123	Standby	0.000	0.012
3) TPCL Gas	2.044	71.548	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.307	267.438	1) MSEDCL	380.736	11363.617
D) STATE			2) Mumbai Discoms	51.691	1844.356
1) Thermal	261.249	7304.830	3) Other Discoms	9.024	274.518
(A1+C1+C4+(B1-B6))			TOTAL STATE	441.451	13482.491
2) Hydro	5.854	346.963			
(A2+C2)					
3) Gas	4.254	137.975			
(A3+B7+C3)					
4) Wind	13.738	311.370			
6) SOLAR	12.893	316.018			
TOTAL STATE	297.988	8417.156			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5009	5019	6374	4896
MSPGCL Hydro	160	184	240	161
MSPGCL Gas	89	89	90	96
MSPGCL Total Generation	5258	5292	6704	5153
Central Sector Receipt	6996	7327	6099	4889
WIND	597	252	352	1256
CPP / IPP Thermal	4766	4129	5894	4212
CPP / IPP Gas	0	0	0	0
SOLAR	1699	1472	0	0
Exchange with Mumbai	-1499	-1462	-1252	-1343
MSEDCL DEMAND MET	17411	16626	17368	13830
Load Shedding	0	0	0	0
MSEDCL DEMAND	17411	16626	17368	13830
TPCL GENERATION	501	484	701	527
AEML GENERATION	290	293	423	289
MUMBAI DEMAND	2290	2239	2376	2159
OTHER DISCOM DEMAND	406	384	429	337
STATE DEMAND MET	20107	19249	20173	16326
STATE DEMAND	20107	19249	20173	16326
Frequency (Hz)	50.01	50.01	50.01	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.22 Hz at 06.01 Hrs	49.77 Hz at 17.40 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 30/Oct/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.12	77.02	200	120
Unit 7	0.00	0.00	0	0
Unit 8	9.43	263.38	446	350
Unit 9	3.74	62.98	375	0
Unit 10	9.36	283.67	400	370
Total	26.66	687.05		
Bhusawal				
Unit 3	0.00	32.53	0	0
Unit 4	8.10	240.79	455	270
Unit 5	8.20	218.18	430	280
Total	16.30	491.50		
Parli				
Unit 6	3.88	97.34	227	148
Unit 7	3.80	85.31	212	126
Unit 8	3.57	71.23	170	140
Total	11.26	253.88		
Chandrapur				
Unit 3	3.08	62.37	155	107
Unit 4	3.00	72.56	150	117
Unit 5	6.92	181.56	350	270
Unit 6	6.76	182.44	295	205
Unit 7	7.27	214.11	330	285
Unit 8	7.97	128.36	452	271
Unit 9	8.22	253.00	420	293
Total	43.21	1094.41		
Paras				
Unit 3	5.10	130.95	238	145
Unit 4	0.00	0.16	0	0
Total	5.10	131.12		
Khaparkheda				
Unit 1	2.62	79.88	125	95
Unit 2	2.93	86.40	140	110
Unit 3	3.41	102.16	170	129
Unit 4	3.11	94.90	145	121
Unit 5	8.30	244.91	480	270
Total	20.37	608.26		
Nasik				
Unit 3	0.00	25.32	0	0
Unit 4	2.88	91.67	155	108
Unit 5	2.74	59.10	123	103
Total	5.62	176.10		
Uran				
All Units	2.21	66.43	96	87
Total	2.21	66.43		
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)	0.65	17.76	46	23
Total	0.65	17.76		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.24	61.48	200	40
Stage 4	0.00	45.32	0	0
Stage 3	0.27	25.57	80	0
Total	1.50	132.38		
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.	0.12	7.64	40	0
SMLHY_PTN	1.99	62.42	93	80
GHATGHAR	0.00	5.83	0	0
Total	2.11	86.70		
Wind				
Total	13.74	311.37	0	0
Total	13.74	311.37		
CPP				
APML(Mus)	54.30	1641.21	0	0
JSWEL(Mus)	13.56	448.27	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.90	704.26	0	0
SWPGPL-Mus	5.28	193.94	0	0
Other(Mus)	19.83	304.89	0	0
Total	115.87	3292.58		
SOLAR				
Total	12.89	316.02	0	0
Total	12.89	316.02		
Tata				
Trombay 5	6.44	195.42	271	267
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.08	39.88	54	42
Trombay 7B	0.96	31.67	45	38
TATA Hydro	1.60	110.12	274	4
Trombay 8	3.12	107.09	132	128
Total	13.21	484.18		
AEML				
DTPS U-1&2	7.31	267.44	423	283
Total	7.31	267.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.51	3442.30	MSPGCL Total	134.98	3745.57
			MSPGCL Thml+Gas	130.72	3508.73	Koyna 1,2 & 4 Total	1.24	106.80
			MSPGCL Hydro	4.26	236.84	State Total	297.99	8417.16

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/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	4896	161	96	5153	1256	4212	0	0	5551	4889	-1343	13830	0	13830	2159	337	16326	50.02
2	4782	154	96	5032	1255	4050	0	0	5494	5251	-1249	14007	0	14007	2029	332	16368	50.01
3	4901	150	96	5147	1157	4210	0	0	5055	5254	-1148	14303	0	14303	1930	317	16550	50.00
4	4948	149	96	5193	1009	4451	0	0	5067	5264	-1059	14554	0	14554	1843	304	16701	50.01
5	5043	148	96	5287	906	4710	0	0	5562	5652	-1016	15225	0	15225	1809	314	17348	50.00
6	5401	153	96	5650	838	5050	0	0	5649	5739	-1074	15874	0	15874	1864	329	18067	50.03
7	5776	148	96	6020	723	5377	0	44	5772	5826	-1047	16582	0	16582	1873	361	18816	50.00
8	5854	144	95	6093	512	5575	0	418	5848	5619	-1081	16764	0	16764	1911	372	19047	49.97
9	5415	184	94	5693	323	5051	0	978	6197	6172	-1215	16610	0	16610	2026	392	19028	49.95
10	4921	345	92	5358	391	4698	0	1375	6653	7071	-1333	17155	0	17155	2167	405	19727	49.99
11	5009	160	89	5258	597	4766	0	1699	6982	6996	-1499	17411	0	17411	2290	406	20107	50.01
12	4890	144	89	5123	728	4453	0	1831	6973	6706	-1564	16873	0	16873	2352	404	19629	50.06
13	4906	144	88	5138	505	3937	0	1808	6984	6898	-1555	16346	0	16346	2331	385	19062	49.98
14	4924	150	89	5163	335	3891	0	1721	6757	6790	-1482	16043	0	16043	2260	375	18678	50.02
15	5019	184	89	5292	252	4129	0	1472	6825	7327	-1462	16626	0	16626	2239	384	19249	50.01
16	5333	211	87	5631	209	4773	0	981	6834	6658	-1435	16425	0	16425	2244	392	19061	50.02
17	5921	224	88	6233	174	5104	0	479	6281	5963	-1390	16156	0	16156	2242	407	18805	50.04
18	6294	230	89	6613	216	5709	0	87	5848	5408	-1312	16307	0	16307	2241	414	18962	49.97
19	6374	240	90	6704	352	5894	0	0	6316	6099	-1252	17368	0	17368	2376	429	20173	50.01
20	6200	166	90	6456	355	5752	0	0	6251	5870	-1246	16763	0	16763	2386	424	19573	50.02
21	5758	161	91	6010	422	5266	0	0	6054	5910	-1363	15840	0	15840	2345	405	18590	50.00
22	5356	164	92	5612	367	5057	0	0	5627	5654	-1372	14929	0	14929	2299	389	17617	50.02
23	5292	171	93	5556	410	5001	0	0	5268	5237	-1343	14478	0	14478	2253	383	17114	50.01
24	5298	172	93	5563	446	4750	0	0	5185	5210	-1338	14266	0	14266	2222	365	16853	50.01
MUs	128.51	4.26	2.21	134.98	13.74	115.87	0.00	12.89	145.03	143.46	-31.18	380.74	0.00	380.74	51.69	9.02	441.45	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.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Oct/2022

Position as on 6.30 Hrs of 31/Oct/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	
MSPGCL	Koradi Unit 9	660	18/10/2022	17:15	30/10/2022	10:53	Boiler Tube Leakage	30/10/2022
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 30/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 31/Oct/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							
DHULE - SSNNL CKT - 1	InterState	29/10/2022	18:24	30/10/2022	08:06	HT	TO CONTROL LINE LOADING ON 400KV SSNNL-ASOJ LINE
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
KHADKA-AURANGABAD (WALUJ)	IntraState	29/10/2022	21:30	30/10/2022	07:28	HT	For voltage mgmt
BABHALESHWAR - PADGHE CKT - 2	IntraState	30/10/2022	12:14	30/10/2022	19:58	EO	A)Work to be carried on Line :- To attend and fix repair sleeves at broken Conductor strands at Suspension Towers. Loc. No. :- 922 (Y-Phase = 4 nos.), 923(Y-Phase = 1 no.), 924(Y-Phase = 4 nos.), 927 (R-Phase =2 nos.); 928 (R-Phase=1no.) & (Y-Ph -1 no); 933 (Y-Phase = 3 nos.) and tightening of loose conductor Vibration Dampers at 40 nos. of Suspension Tower Locations to avoid breaking of conductor strands under 500kV HVDC TL O&M Sub Division, Padghe. B)Work to be carried out at 400kV Padghe substation :- Attending Hotspot on - 1)Y-PH wave trap : 97 deg 2)29 D Isolator Y-PH 81 deg 3)R-PH CT 67 deg
JAIGAD - KARAD CKT - 2	IntraState	30/10/2022	20:07			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			PO	Annual maintenance of Bus Equipments.
DHULE- - BABLESHWAR - I	IntraState	31/10/2022	11:23			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			PO	installation of MSEDCL summation main meter.
400 KV ICT Outages/Trippings							
60 MVA 400/6.6 KV STN TF - 1	IntraState	28/10/2022	09:20	30/10/2022	15:24	PO	For carrying out transformer and it's bay equipments routine maintenance and electrical testing
400/220/33 KV 315 MVA ICT - 2 @ PADGHE	IntraState	29/10/2022	14:47	30/10/2022	10:18	PO	1) Oil leakage attending work from Yph IV bushing 2) OLTC Overhauling work 3) Bay maint work 4) MTAMC work 5) Diagnostic testing work

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Oct/2022

Statement-VII

Position as on 6.30 Hrs of 31/Oct/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400/220 KV 3X200 MVA ICT - 2 @ KALWA	IntraState	30/10/2022	10:33	30/10/2022	19:19	PO	All diagnostic testing work, Bay maintenance work, Y ph Oil top up in OLTC & B bus,Y ph isolator alignment work.
400/220/33 KV 315 MVA ICT - 1 @ PARLI	IntraState	31/10/2022	10:04			PO	C & Tan delta measurement of bushings & Windings of ICT units.
220 KV TBC Outages/Trippings							
TBC @ GHODBUNDER	IntraState	31/10/2022	09:26			PO	Facilitating Outage of 220kV Ghodbunder-Gorai Line (Safety Purpose)
220 KV MAINBAY Outages/Trippings							
BUS COUPLER @ DHARAVI	IntraState	30/10/2022	08:42	30/10/2022	16:32	PO	Hydraulic cylinder replacement
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	00:53	30/10/2022	08:42	HT	HAND TRIPPED TO CONTROL O/V
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	30/10/2022	16:44	30/10/2022	22:08	HT	To control overloading
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			PO	DIAGNOSTIC TESTING AND MAINTENANCE WORK
GHODBUNDER - GORAI	IntraState	31/10/2022	09:28			PO	Annual maintenance of Line/Bay equipment
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 / 110 / 22kV 250 MVA ICT 2 @ SALSETTE	IntraState	30/10/2022	13:36	30/10/2022	15:33	PO	OIL TOP UP
220/132 KV 200 MVA ICT 2 @ AHMEDNAGAR	IntraState	31/10/2022	10:38			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 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.
110 KV BUSBAR Outages/Trippings							
ZONE 1 (BUS SECTION 1+2+3) @ BHIVPURI	IntraState	30/10/2022	06:15	30/10/2022	16:20	PO	Main Bus GOD R/M , LA & PT Testing

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