

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.161	4302.810	1) Gujrat	-5.751	-246.442
2) Hydro	12.549	268.153	2) Madhya Pradesh	-0.243	-40.136
3) Gas	5.590	88.869	3) Chattisgarh	4.740	180.170
Total MSPGCL	166.300	4659.832	4) Maharashtra	166.628	5058.856
B) 1) APLM	71.102	2021.531	5) Goa (Amona)	-1.530	-41.768
2) JSWEL	9.482	360.173	Total	163.844	4910.680
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.489	922.365
4) RPL(AMT)	30.615	830.392	b) Mumbai Drawl	35.982	1061.571
5) SWPGPL	7.401	224.759	c) MSEDCL Bilateral *	59.479	2019.187
6) Other IPP	40.785	1082.369	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.489	922.362
C) 1) TPCL Thermal	9.628	325.240	Include PX	0.000	0.000
2) TPCL Hydro	2.863	103.775	Standby	0.000	0.002
3) TPCL Gas	1.728	15.781	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.295	269.934	1) MSEDCL	466.395	13453.663
D) STATE			2) Mumbai Discoms	59.496	1776.304
1) Thermal	326.469	9417.208	3) Other Discoms	9.443	281.391
(A1+C1+C4+(B1-B6))			TOTAL STATE	535.334	15511.358
2) Hydro	15.412	371.928			
(A2+C2)					
3) Gas	7.318	104.650			
(A3+B7+C3)					
4) Wind	10.059	352.415			
6) SOLAR	12.232	354.474			
TOTAL STATE	371.490	10600.675			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5867	5854	6780	5579
MSPGCL Hydro	927	872	1297	123
MSPGCL Gas	204	228	228	237
MSPGCL Total Generation	6998	6954	8305	5939
Central Sector Receipt	8369	8427	6557	5536
WIND	164	119	375	690
CPP / IPP Thermal	6604	6525	6699	6244
CPP / IPP Gas	0	0	0	0
SOLAR	1837	1780	0	0
Exchange with Mumbai	-1569	-1841	-1590	-1399
MSEDCL DEMAND MET	21982	21560	19900	16635
Load Shedding	0	0	0	0
MSEDCL DEMAND	21982	21560	19900	16635
TPCL GENERATION	922	621	841	501
AEML GENERATION	500	500	489	348
MUMBAI DEMAND	2991	2962	2920	2248
OTHER DISCOM DEMAND	421	404	446	375
STATE DEMAND MET	25394	24926	23266	19258
STATE DEMAND	25394	24926	23266	19258
Frequency (Hz)	50.00	49.98	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 06.01 Hrs	49.78 Hz at 03.54 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 30/Nov/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	5.08	138.06	215	205
Unit 7	0.00	0.00	0	0
Unit 8	12.97	385.13	648	432
Unit 9	12.94	385.50	574	480
Unit 10	12.86	241.30	620	416
Total	43.84	1150.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.70	248.97	435	275
Unit 5	9.28	276.40	480	280
Total	17.98	525.36		
Parli				
Unit 6	4.30	120.29	234	144
Unit 7	4.24	104.51	223	144
Unit 8	3.18	102.44	150	115
Total	11.72	327.24		
Chandrapur				
Unit 3	3.44	96.31	173	124
Unit 4	3.36	88.20	168	120
Unit 5	6.87	192.84	300	265
Unit 6	6.83	168.19	320	250
Unit 7	0.00	198.15	0	0
Unit 8	8.93	282.35	451	283
Unit 9	9.40	232.47	496	285
Total	38.84	1258.51		
Paras				
Unit 3	3.58	149.44	215	0
Unit 4	5.24	95.53	230	192
Total	8.81	244.97		
Khaparkheda				
Unit 1	2.84	80.95	135	110
Unit 2	2.86	81.53	135	110
Unit 3	3.40	99.15	167	128
Unit 4	3.20	93.14	151	114
Unit 5	9.17	262.98	445	276
Total	21.48	617.76		
Nasik				
Unit 3	3.58	34.26	175	111
Unit 4	1.91	85.72	165	0
Unit 5	0.00	58.99	0	0
Total	5.49	178.97		
Uran				
All Units	5.59	88.87	244	204
Total	5.59	88.87		
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)	0.18	12.63	44	0
Total	0.18	12.63		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.12	75.44	290	35
Stage 4	5.50	67.06	756	0
Stage 3	1.66	31.44	202	0
Total	9.27	173.94		
Hydro				
KDPH	0.43	11.11	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.52	9.03	58	0
BHIRA T.R.	0.16	5.17	40	0
SMLHY_PTN	1.50	48.21	70	59
GHATGHAR	0.48	8.07	125	0
Total	3.09	81.58		
Wind				
Total	10.06	352.42	0	0
Total	10.06	352.42		
CPP				
APML(Mus)	71.10	2021.53	0	0
JSWEL(Mus)	9.48	360.17	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.62	830.39	0	0
SWPGPL-Mus	7.40	224.76	0	0
Other(Mus)	40.78	1082.37	0	0
Total	159.38	4519.22		
SOLAR				
Total	12.23	354.47	0	0
Total	12.23	354.47		
Tata				
Trombay 5	6.12	220.31	269	240
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.92	9.24	43	36
Trombay 7B	0.81	6.54	37	32
TATA Hydro	2.86	103.78	356	6
Trombay 8	3.51	104.93	232	128
Total	14.22	444.80		
AEML				
DTPS U-1&2	9.30	269.93	500	290
Total	9.30	269.93		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.16	4302.81	MSPGCL Total	166.30	4659.83
			MSPGCL Thml+Gas	153.75	4391.68	Koyna 1,2 & 4 Total	7.62	142.50
			MSPGCL Hydro	12.55	268.15	State Total	371.49	10600.68

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Nov/2022

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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5554	119	243	5916	609	6377	0	0	5841	6057	-1247	17358	0	17358	2034	354	19746	50.03
2	5594	114	241	5949	742	6474	0	0	5921	5903	-1138	17584	0	17584	1908	346	19838	50.03
3	5581	119	241	5941	763	6387	0	0	6060	5636	-1049	17357	0	17357	1816	321	19494	49.99
4	5463	114	241	5818	765	6343	0	0	6046	6294	-993	17932	0	17932	1758	295	19985	49.93
5	5644	357	243	6244	709	6501	0	0	5829	6158	-996	18283	0	18283	1763	333	20379	50.00
6	6301	320	241	6862	588	6911	0	0	6043	6299	-1118	19178	0	19178	1883	364	21425	50.01
7	6551	486	244	7281	520	6961	0	12	6718	6456	-1252	19585	0	19585	2049	393	22027	49.96
8	6634	1126	240	8000	503	6956	0	290	6652	6839	-1350	20837	0	20837	2229	401	23467	49.95
9	6546	391	241	7178	333	6957	0	821	7567	7651	-1589	20943	0	20943	2515	408	23866	50.01
10	6471	548	237	7256	247	6928	0	1312	7730	7913	-1721	21514	0	21514	2771	421	24706	49.97
11	6559	314	227	7100	169	6916	0	1647	8358	7874	-1816	21478	540	22018	2939	412	25369	49.98
12	5867	927	204	6998	164	6604	0	1837	8609	8369	-1569	21982	0	21982	2991	421	25394	50.00
13	5854	872	228	6954	119	6525	0	1780	8107	8427	-1841	21560	0	21560	2962	404	24926	49.98
14	6603	608	224	7435	122	6745	0	1703	7981	7452	-1880	21175	0	21175	2839	402	24416	50.02
15	6494	889	226	7609	108	6722	0	1394	8256	7865	-2002	21281	0	21281	2873	415	24569	50.01
16	6387	883	222	7492	118	6717	0	970	8588	8087	-2008	20954	0	20954	2920	422	24296	50.03
17	6707	612	225	7544	159	6767	0	409	7637	7256	-1786	19932	0	19932	2911	417	23260	49.97
18	6712	1027	227	7966	253	6726	0	57	6747	6653	-1608	19621	0	19621	2884	426	22931	49.98
19	6780	1297	228	8305	375	6699	0	0	6616	6557	-1590	19900	0	19900	2920	446	23266	50.00
20	6799	590	228	7617	418	6754	0	0	6829	6623	-1550	19437	0	19437	2802	425	22664	50.00
21	6008	303	233	6544	440	6590	0	0	6577	6250	-1534	17863	0	17863	2645	427	20935	50.00
22	5680	281	234	6195	505	6312	0	0	5927	6151	-1489	17261	0	17261	2484	413	20158	50.00
23	5793	129	235	6157	640	6269	0	0	5965	5538	-1457	16744	0	16744	2352	403	19499	50.00
24	5579	123	237	5939	690	6244	0	0	5790	5536	-1399	16635	0	16635	2248	375	19258	50.02
MUs	148.16	12.55	5.59	166.30	10.06	159.39	0.00	12.23	166.39	163.84	-35.98	466.40	0.54	466.94	59.50	9.44	535.87	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.

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

Position as on 6.30 Hrs of 01/Dec/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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	23/12/2022
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	
IPP	JSW (J) U1	300	11/10/2022	02:40		Continued.	Zero Schedule.	
IPP	SWPGPL U-2	135	11/11/2022	19:36		Continued.	Submerged Scrapper Conveyor Scrapper bar problem.(unit out due to coal shortage from 15.11.2022)	01/12/2022
MSPGCL	Nasik Unit 5	210	19/11/2022	23:20		Continued.	UNIT IS READY(UNIT UNDER TOLLING from 20.11.2022)	29/11/2022
IPP	JSW (J) U4	300	27/11/2022	11:25		Continued.	due to no schedule.	
IPP	IEPL Unit 1	270	28/11/2022	20:00		Continued.	Steam leakage from Boiler MS stop valve.	01/12/2022
MSPGCL	Chandrapur Unit 7	500	29/11/2022	09:30		Continued.	DUE TO MAIN TURBINE GLAND SEALING PRESSURE HIGH.	29/11/2022
MSPGCL	Paras Unit 3	250	30/11/2022	04:30	30/11/2022	07:09	Furnace Pressure High	
MSPGCL	Paras Unit 3	250	30/11/2022	08:22	30/11/2022	10:55	Furnace Pressure High	
MSPGCL	Nasik Unit 4	210	30/11/2022	13:32		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 01/Dec/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV TBC Outages/Trippings							
POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	30/11/2022	04:07	30/11/2022	08:32	EO	to attend 2nos of hotspot
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							
PUNE(GIS) - TALEGAON(PG) CKT - 1	InterState	29/11/2022	16:50			PO	For attending SF6 gas leakage
KALWA - TALEGAON (PG)	InterState	29/11/2022	22:12	30/11/2022	03:50	EO	To apply repair sleeve on broken conductor strength near vibration damper at Loc.Nos. 163, 161, 110, 194.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/11/2022	07:32			HT	For Load Management
LONIKAND I - KOYNA STAGE-IV	IntraState	19/11/2022	18:23			EO	For shifting 400kV Lonikand-Stage IV line on 400kV TBC due to hotspot on 29 B Isolator B phase on hanger rod assembly
JAIGAD - KARAD CKT - 1	IntraState	28/11/2022	23:36	30/11/2022	08:53	HT	H/T TO CONTROL O/V
220 KV TAPTITANDA (400 KV) - WALUJ CKT- 1	IntraState	29/11/2022	06:26			HT	OUTAGE AVAILED FOR REPLACEMENT OF FAULTY DISC INSULATORS REPLACEMENT
THAPTI TANDA - AURANGABAD (WALUJ)	IntraState	29/11/2022	06:26			PO	Replacement of faulty disc insulators strings by new LRP strings
BUS - 1 @ AKOLA 2	IntraState	30/11/2022	09:02	30/11/2022	18:18	PO	Annual Maintenance of Bus Equipment
PADGHE - NAGOTHANE CKT - 1	IntraState	30/11/2022	13:23	30/11/2022	20:08		String replacement work
LONIKAND - JEJURI CKT - 2	IntraState	30/11/2022	15:05			HT	For load management of 400 KV Talegaon PG- PUNE GIS ckt 2,3,4
KALWA - KHARGHAR	IntraState	30/11/2022	22:03	01/12/2022	07:04	HT	Emergency outage availed to apply repair sleeve on broken conductor strand near vibration damper
JAIGAD - KARAD CKT - 2	IntraState	30/11/2022	23:51	01/12/2022	09:06	HT	H/T to Control Over Voltage.
400 KV ICT Outages/Trippings							
400/220/33 KV 315 MVA ICT - 2 @ PARLI	IntraState	30/11/2022	09:45	30/11/2022	18:36	PO	1. HV & IV CT Testing work. 2. IV Breaker Testing work.
220 KV LINE Outages/Trippings							
BOISAR - VERSOVA	IntraState	12/11/2022	07:17	30/11/2022	19:11	PO	Bunching of lines at location no.SS 82 to facilitate the following project work:DFCCIL project : Shifting of lines on temporary towers from SS 225 to SS 228. Post bunching the existing lines will be reconfigured as 220 kV Dahanu - Boisar temporary line.
DAHANU - VERSOVA	IntraState	12/11/2022	07:40	30/11/2022	19:22	PO	Bunching of lines at location no.SS 82 to facilitate the following project work:DFCCIL project : Shifting of lines on temporary towers from SS 225 to SS 228. Post bunching the existing lines will be reconfigured as 220 kV Dahanu - Boisar temporary line.
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	19/11/2022	14:33			HT	H/T TO CONTROL BBLR LINE LOADING
AAREY - MSETCL BORIVALI CKT - 1	IntraState	24/11/2022	17:39			T	Tripped on Differential protection

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

Statement-VII

Position as on 6.30 Hrs of 01/Dec/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
PADGHE - NALASOPARA - VASAI (T)	IntraState	30/11/2022	05:14	30/11/2022	09:02	EO	To Attend Hot spot at Loc no.56.
TALOJA II - OCIL 2	IntraState	30/11/2022	07:40	30/11/2022	18:25	PO	Testing & Maintenance Metering & Protection CT/PTs
BOISAR - VERSOVA	IntraState	30/11/2022	08:57	30/11/2022	19:11	PO	De-bunching of lines at loc no SS 82 post completion of all relocation activities for DFCCIL Project.
DAHANU - VERSOVA	IntraState	30/11/2022	08:57	30/11/2022	19:22	PO	De-bunching of lines at loc no SS 82 post completion of all relocation activities for DFCCIL Project
DASTURI-KANDALGAON LINE	IntraState	30/11/2022	09:13	30/11/2022	20:35	PO	For cold washing of insulator strings & other maintenance work.
KADEGAON-MIRAJ	IntraState	30/11/2022	09:31	30/11/2022	15:31	PO	1.Cold line washing work 2.Conversion work of STN to DTN
SAHARA-URSE	IntraState	30/11/2022	10:03	30/11/2022	19:37	T	LTS operated due to overloading of 400 KV Talegaon PG - Pune GIS ckt 2,3,4.
PANDHARPUR - KHANAPUR	IntraState	30/11/2022	10:16	30/11/2022	20:40	PO	1.Diagnostic testing work 2.Annual relay testing work 3.Maintenance Work
PARGAON(KATHAPUR)-LONIKAND	IntraState	30/11/2022	10:45	30/11/2022	19:33	HT	for load management
RANJANGAON-LONIKAND	IntraState	30/11/2022	10:45	30/11/2022	12:15	HT	For load management
NAGOTHANE - WADKHAL (GIS) CKT-1	IntraState	30/11/2022	11:57	30/11/2022	15:55		Cold line cleaning and routine maintenance work
VITA WAIPHALE	IntraState	30/11/2022	13:38	30/11/2022	17:36	PO	Distance protection relay replacement work
NAGOTHANE - WADKHAL (GIS) CKT-2	IntraState	30/11/2022	16:12	30/11/2022	18:49		Cold line cleaning and routine maintenance work
EKLAHARE (OCR) - PADGHE	IntraState	30/11/2022	17:56			HT	for load management
SAHARA-URSE	IntraState	01/12/2022	08:24			HT	For Load Management
RANJANGAON-LONIKAND	IntraState	01/12/2022	08:33			HT	For Load Management
PARGAON(KATHAPUR)-LONIKAND	IntraState	01/12/2022	08:45			HT	For Load Management
RANJANGAON - U TECH SUGAR CKT	IntraState	01/12/2022	09:35			T	Tripped on Dist Protection
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	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT
220 KV BUSBAR Outages/Trippings							
MAIN BUS @ KHANAPUR	IntraState	30/11/2022	10:25	30/11/2022	20:20	PO	Diagnostic testing,quarterly maintenance & annual relay testing work

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