

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Nov/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.458	3697.185	1) Gujrat	-7.771	-217.162
2) Hydro	18.867	231.059	2) Madhya Pradesh	-1.113	-37.764
3) Gas	5.562	69.255	3) Chattisgarh	5.250	160.670
Total MSPGCL	176.887	3997.499	4) Maharashtra	158.237	4378.162
B) 1) APLM	68.685	1730.857	5) Goa (Amona)	-1.555	-35.972
2) JSWEL	11.649	318.113	Total	153.048	4247.934
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.363	800.661
4) RPL(AMT)	31.149	706.153	b) Mumbai Drawl	31.041	918.841
5) SWPGPL	7.996	193.913	c) MSEDCL Bilateral *	60.739	1782.864
6) Other IPP	42.583	917.353	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.363	800.658
C) 1) TPCL Thermal	14.433	283.892	Include PX	0.000	0.000
2) TPCL Hydro	4.622	92.334	Standby	0.000	0.002
3) TPCL Gas	0.000	13.475	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.769	232.834	1) MSEDCL	469.267	11587.028
D) STATE			2) Mumbai Discoms	60.868	1541.379
1) Thermal	339.722	8080.300	3) Other Discoms	9.536	243.366
(A1+C1+C4+(B1-B6))			TOTAL STATE	539.671	13371.773
2) Hydro	23.489	323.393			
(A2+C2)					
3) Gas	5.562	82.730			
(A3+B7+C3)					
4) Wind	7.081	329.714			
6) SOLAR	10.766	307.699			
TOTAL STATE	386.620	9123.836			

* 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 4 Hrs
MSPGCL Thermal	6937	5898	6335	6004
MSPGCL Hydro	1334	1361	2040	134
MSPGCL Gas	232	224	225	238
MSPGCL Total Generation	8503	7483	8600	6376
Central Sector Receipt	7179	7594	5771	5573
WIND	181	97	145	628
CPP / IPP Thermal	7072	6583	7091	6464
CPP / IPP Gas	0	0	0	0
SOLAR	1477	1646	0	0
Exchange with Mumbai	-1454	-1586	-1350	-1098
MSEDCL DEMAND MET	22536	21411	19818	17643
Load Shedding	0	0	0	0
MSEDCL DEMAND	22536	21411	19818	17643
TPCL GENERATION	954	864	1130	420
AEML GENERATION	494	501	501	315
MUMBAI DEMAND	2902	2951	2981	1833
OTHER DISCOM DEMAND	422	406	439	300
STATE DEMAND MET	25860	24768	23238	19776
STATE DEMAND	25860	24768	23238	19776
Frequency (Hz)	50.02	49.96	50.03	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.27 Hz at 06.03 Hrs	49.8 Hz at 22.06 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 26/Nov/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.99	117.64	215	165
Unit 7	0.00	0.00	0	0
Unit 8	13.88	334.38	627	385
Unit 9	13.68	332.50	623	503
Unit 10	13.48	189.55	600	410
Total	46.02	974.07		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.72	212.55	430	280
Unit 5	7.54	239.86	410	280
Total	15.26	452.40		
Parli				
Unit 6	3.78	103.78	194	138
Unit 7	2.34	96.70	212	0
Unit 8	3.50	88.94	158	141
Total	9.62	289.42		
Chandrapur				
Unit 3	3.17	82.55	172	122
Unit 4	2.82	75.35	126	97
Unit 5	5.74	167.26	300	91
Unit 6	6.57	141.02	290	255
Unit 7	7.73	188.29	345	307
Unit 8	7.84	246.52	460	275
Unit 9	8.52	194.76	489	288
Total	42.39	1095.76		
Paras				
Unit 3	5.76	129.48	247	218
Unit 4	5.68	74.49	250	213
Total	11.44	203.97		
Khaparkheda				
Unit 1	2.66	69.82	120	100
Unit 2	2.58	69.92	120	85
Unit 3	3.36	84.78	176	128
Unit 4	2.64	80.18	146	70
Unit 5	9.61	223.93	475	290
Total	20.84	528.63		
Nasik				
Unit 3	3.48	20.46	160	111
Unit 4	3.41	73.48	157	117
Unit 5	0.00	58.99	0	0
Total	6.89	152.93		
Uran				
All Units	5.56	69.26	240	221
Total	5.56	69.26		
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)	0.01	11.96	10	0
Total	0.01	11.96		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.96	65.16	550	40
Stage 4	6.90	57.24	929	0
Stage 3	2.92	27.06	320	0
Total	15.77	149.46		
Hydro				
KDPH	0.43	9.38	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.52	6.94	58	0
BHIRA T.R.	0.14	4.57	40	0
SMLHY_PTN	1.67	41.90	73	59
GHATGHAR	0.32	6.84	125	0
Total	3.08	69.63		
Wind				
Total	7.08	329.71	0	0
Total	7.08	329.71		
CPP				
APML(Mus)	68.68	1730.86	0	0
JSWEL(Mus)	11.65	318.11	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.15	706.15	0	0
SWPGPL-Mus	8.00	193.91	0	0
Other(Mus)	42.58	917.35	0	0
Total	162.06	3866.39		
SOLAR				
Total	10.77	307.70	0	0
Total	10.77	307.70		
Tata				
Trombay 5	9.96	192.71	480	270
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	7.77	0	0
Trombay 7B	0.00	5.71	0	0
TATA Hydro	4.62	92.33	472	10
Trombay 8	4.47	91.18	235	128
Total	19.06	389.70		
AEML				
DTPS U-1&2	10.77	232.83	502	308
Total	10.77	232.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.46	3697.18	MSPGCL Total	176.89	3997.50
			MSPGCL Thml+Gas	158.02	3766.44	Koyna 1,2 & 4 Total	12.85	122.40
			MSPGCL Hydro	18.87	231.06	State Total	386.62	9123.84

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Nov/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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5979	130	240	6349	445	6497	0	0	5709	5805	-1332	17400	0	17400	2139	364	19903	50.01
2	6071	129	238	6438	551	6508	0	0	5706	5563	-1209	17521	0	17521	1994	330	19845	49.99
3	6029	128	239	6396	646	6579	0	0	5642	5553	-1133	17726	0	17726	1896	315	19937	50.01
4	6004	134	238	6376	628	6464	0	0	5646	5573	-1098	17643	0	17643	1833	300	19776	50.03
5	6022	200	239	6461	567	6576	0	0	5864	6114	-1106	18294	0	18294	1831	318	20443	50.02
6	6573	170	237	6980	514	6919	0	0	6168	6454	-1200	19318	0	19318	1917	349	21584	50.01
7	7054	135	237	7426	529	7087	0	17	6526	6409	-1211	19876	0	19876	2055	381	22312	50.04
8	7114	246	239	7599	466	7163	0	241	6601	6391	-1072	20403	0	20403	2222	385	23010	50.02
9	6947	354	240	7541	342	7134	0	677	6954	6834	-1161	20955	0	20955	2453	412	23820	50.00
10	6640	906	234	7780	241	7112	0	1129	7413	7026	-1291	21575	0	21575	2710	422	24707	49.96
11	6937	1334	232	8503	181	7072	0	1477	7931	7179	-1454	22536	0	22536	2902	422	25860	50.02
12	6900	1306	228	8434	99	6994	0	1594	7886	6930	-1475	22159	0	22159	2976	417	25552	50.03
13	5898	1361	224	7483	97	6583	0	1646	7804	7594	-1586	21411	0	21411	2951	406	24768	49.96
14	6018	1228	224	7470	70	6459	0	1501	7701	7458	-1565	20985	0	20985	2840	408	24233	50.02
15	6295	1322	221	7838	59	6524	0	1258	7722	7572	-1538	21299	0	21299	2848	414	24561	49.99
16	6238	1409	224	7871	56	6786	0	844	7768	7342	-1494	20962	0	20962	2858	443	24263	50.02
17	6166	1360	225	7751	55	6590	0	347	7485	7072	-1409	19955	0	19955	2830	451	23236	49.99
18	6733	1554	224	8511	80	6986	0	35	5795	5823	-1364	19627	0	19627	2866	444	22937	49.98
19	6335	2040	225	8600	145	7091	0	0	6164	5771	-1350	19818	0	19818	2981	439	23238	50.03
20	6192	2004	227	8423	219	6710	0	0	6096	5898	-1231	19571	0	19571	2882	448	22901	49.99
21	6236	694	228	7158	237	6626	0	0	5638	5548	-1091	18032	0	18032	2711	446	21189	49.97
22	6141	140	231	6512	206	6654	0	0	5753	5663	-1207	17398	0	17398	2568	430	20396	49.98
23	5906	404	233	6543	233	6402	0	0	5810	5692	-1245	17223	0	17223	2819	402	20444	49.96
24	6030	179	235	6444	415	6546	0	0	5828	5784	-1219	17581	0	17581	2783	389	20753	49.97
MUs	152.46	18.87	5.56	176.89	7.08	162.06	0.00	10.77	157.61	153.05	-31.04	469.27	0.00	469.27	60.86	9.54	539.67	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 26/Nov/2022

Position as on 6.30 Hrs of 27/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	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.	No Schedule	
IPP	SWPGPL U-2	135	11/11/2022	19:36		Continued.	Submerged Scrapper Conveyor Scrapper bar problem.	29/11/2022
MSPGCL	Nasik Unit 5	210	19/11/2022	23:20		Continued.	Boiler Tube Leakage	29/11/2022
TPC-G	Trombay 7B	60	24/11/2022	04:52		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	24/11/2022	05:13		Continued.	Gas shortage	
MSPGCL	Parli Unit 7	250	26/11/2022	14:52		Continued.	Boiler Tube Leakage	
IPP	IEPL Unit 1	270	26/11/2022	18:42	27/11/2022	07:58	EXCITATION PROBLEM.	
IPP	JSW (J) U4	300	27/11/2022	11:25		Continued.	due to no schedule.	
MSPGCL	Chandrapur Unit 7	500	27/11/2022	15:48	27/11/2022	21:36	Gland Filling Pressure High and axial shaft High.	
MSPGCL	Chandrapur Unit 7	500	27/11/2022	22:41		Continued.	DUE TO GLAND SEALING PRESSURE HIGH AND AXIAL SHIFT HIGH	28/11/2022

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 26/Nov/2022

Statement-VII

Position as on 6.30 Hrs of 27/Nov/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Tripping							
CHANDRAPUR - PADGHE HVDC POLE 1	IntraState	18/11/2022	00:36		Continued.	PO	For Pole 1 Scheduled Annual Outage and Pole1 Y Phase Converter Transformer replacement work.
CHANDRAPUR - PADGHE POLE 1 & 2	IntraState	25/11/2022	23:24	27/11/2022	23:57	PO	annual outage
CHANDRAPUR - PADGHE POLE 1 & 2	IntraState	26/11/2022	10:38	27/11/2022	21:25		to execute overhead stringing of 400kV Babhaleshwar Kudus (under construction) line between locn no G315 & G316.
400 KV MAINBAY Outages/Tripping							
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/Tripping							
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/11/2022	07:32			HT	For Load Management
PADGHE - PADGHE HVDC CKT- 1	IntraState	18/11/2022	00:36		Continued.	PO	1) Bay Maint work 2) Diagnostic Testing work 3)A Bus :- PG Isolator replacement of 400kV HVDC-I Y&B-ph 4) Bhel CB Pole Overhauling work. If pole overhauling not completed within outage period line will be charge on TBC.
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
BUS - 2 @ NEW KOYNA	IntraState	21/11/2022	12:51			PO	1) 21/11/2022 to 22/11/2022 Bus Insulator replacement work at section TBC & Bus coupler & Spare bay 2) 23/11/2022 Bus Insulator replacement work at section Dabhol 1 & 2 3) 24/11/2022 Bus Insulator replacement work at section ICT I & ICT-II 4) 25/11/2022 Bus Insulator replacement work at section Koyna -I & II and damage conductor replacement work 5) 26/11/2022 Bus Insulator replacement work at section Karad - I & II 6) 27/11/2022 to 28/11/2022 Bus Insulator replacement work at section Jaigad - I & II
KORADI - KHADKA	IntraState	24/11/2022	10:34	26/11/2022	20:40	PO	For CB Mechanism Overhauling work by agency
BABHALESHWAR - PADGHE CKT - 2	IntraState	24/11/2022	15:10	27/11/2022	06:00	EO	During Yard Inspection a leakage is observed on Bph Grading capacitor of 400 KV Padghe-II and it is requested to give permission for shifting of 400 KV BBLR-Padghe-II on 400 KV TBC to attend the same.
THAPTI TANDA - AURANGABAD (WALUJ)	IntraState	26/11/2022	06:36	26/11/2022	18:36	PO	1) String Disc Replacement Work 2) Maintenance Work
NEW KOYNA-KARAD CKT - 1	IntraState	26/11/2022	09:28	26/11/2022	17:50	PO	Bus Insulator replacement work at section Karad - I & II
KHADKA-AURANGABAD (WALUJ)	IntraState	26/11/2022	21:29	27/11/2022	06:45	HT	H/T FOR O/V

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Nov/2022

Statement-VII

Position as on 6.30 Hrs of 27/Nov/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BUS 'A' @ PADGHE	IntraState	27/11/2022	09:46	27/11/2022	16:58	PO	1)Replacement of Hanger assembly of A bus PG Isolator of 400kV HVDC- 1 Bay by hot line method. 2)All feeders on A Bus in service.
220 KV LINE Outages/Trippings							
BOISAR - VERSOVA	IntraState	12/11/2022	07:17			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			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
KHARGHAR - NERUL	IntraState	22/11/2022	06:38			EO	A bus to B bus shift Via TBC for prevent to further avoid damage of A bus B phase conductor near Nerul bay.
KHARGHAR - SONKHAR	IntraState	22/11/2022	10:45			EO	B bus to A bus shift Via TBC for balancing of Bus loading & Nerul ,Sonkhar line connected to MMR region for safeity purpose both are charged throuh different Bus.
EKLAHARE (OCR) - PADGHE	IntraState	23/11/2022	08:22	26/11/2022	18:59	HT	H/T TO CONTROL 220KV NASIK-BBLSR LINEL OADING
AAREY - MSETCL BORIVALI CKT - 1	IntraState	24/11/2022	17:39			T	Tripped on Differential protection
PADGHE - NALASOPARA - VASAI (T)	IntraState	26/11/2022	17:05	27/11/2022	19:04	PO	A) Work by Project Dn, Kalyan: Outage on Padghe-Nalasopara tap to vasa line will be taken out on 26.11.2022 16:00 to 18:00 Hrs to remove jumper at loc no.54 and 2nd source to Vasai-Padgha will be established till the start of AEMLs work at 23:00 Hrs 2) At Loc No.54, Jumpers will be removed and then from Loc No.54 to Nalasopara line will be in outage from Dtd 26.11.2022 at 16:00 Hrs to 27.11.2022 at 19:00Hrs. In this case 2nd source to Nalasopara will not be available. B) Outage for safety purpose for DFCCIL during which AEML will carry out stringing of 6 conductors & 1 OPGW for height raising work of AEML's existing 220KV D/C SS -Line section betwn loc no. SS-225 & SS-228 in Vasai for DFCCIL. C) During above outage, PT diagnostic & Bus Section Isolator maintenance including bay maint.
TROMBAY MSETCL TIE - 1	IntraState	27/11/2022	01:19	27/11/2022	07:30	PO	ATTENDING HOT SPOT AT 1. Msetcl end dropper connection to CT for A, B and C phase. 2. Tata end A phase 29B connection.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Nov/2022

Statement-VII

Position as on 6.30 Hrs of 27/Nov/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KALWA - TFIPL	IntraState	27/11/2022	02:48	27/11/2022	05:33	T	Tripped on Distance protection
EKLAHARE (OCR) - PADGHE	IntraState	27/11/2022	10:39		Continued.	HT	For load management
BUS SECTION BREAKER-3 @ TROMBAY	IntraState	27/11/2022	14:54	27/11/2022	15:16	EO	FOR RAISING SF6 GAS PRESSURE
KAMBA - VASAI	IntraState	27/11/2022	23:43	27/11/2022	14:16	PO	Outage is for safety purpose for DFCCIL during which AEML will carry out stringing of 6 conductors & 1 OPGW for height raising work of AEMLs existing 220KV D/C SS-Line section betwn loc no. SS-225 & SS-228 in Vasai for DFCCIL. During above outage, PT diagnostic & Bus Section Isolator maintenance including bay maint. will be done at 220KV Vasai S/stn
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
220/132KV 200MVA PTR 1 @ LONAND	IntraState	25/11/2022	09:25	26/11/2022	23:40	PO	Oil leakage attending work
220/110 KV 250 MVA ICT - 1 @ VERSOVA (TATA)	IntraState	25/11/2022	10:20	26/11/2022	19:06	PO	FOR R/M AND TESTING
220/100 KV 100 MVA ICT 2 @ VASAI II	IntraState	26/11/2022	23:50	27/11/2022	14:39		For Diagnostic testing work

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