

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Nov/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.262	2728.673	1) Gujrat	-8.547	-158.319
2) Hydro	7.705	156.364	2) Madhya Pradesh	-2.004	-36.962
3) Gas	2.181	35.772	3) Chattisgarh	6.430	116.130
Total MSPGCL	142.148	2920.809	4) Maharashtra	168.428	3216.861
B) 1) APML	74.907	1230.927	5) Goa (Amona)	-1.296	-26.572
2) JSWEL	10.952	236.699	Total	163.011	3111.138
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.265	608.996
4) RPL(AMT)	31.226	500.768	b) Mumbai Drawl	34.359	690.725
5) SWPGPL	8.611	135.992	c) MSEDCL Bilateral *	66.251	1332.162
6) Other IPP	39.755	622.534	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.265	608.993
C) 1) TPCL Thermal	10.815	205.536	Include PX	0.000	0.000
2) TPCL Hydro	2.552	71.032	Standby	0.000	0.002
3) TPCL Gas	0.132	7.122	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.020	167.125	1) MSEDCL	452.454	8380.999
D) STATE			2) Mumbai Discoms	56.878	1141.540
1) Thermal	317.548	5828.254	3) Other Discoms	9.147	177.430
(A1+C1+C4+(B1-B6))			TOTAL STATE	518.479	9699.969
2) Hydro (A2+C2)	10.257	227.396			
3) Gas (A3+B7+C3)	2.313	42.894			
4) Wind	12.862	262.822			
6) SOLAR	12.488	227.465			
TOTAL STATE	355.468	6588.831			

* 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 24 Hrs
MSPGCL Thermal	5566	5386	5790	4826
MSPGCL Hydro	403	445	1079	124
MSPGCL Gas	94	91	96	95
MSPGCL Total Generation	6063	5922	6965	5045
Central Sector Receipt	8394	7854	6838	5710
WIND	582	422	473	646
CPP / IPP Thermal	6949	6910	7210	6760
CPP / IPP Gas	0	0	0	0
SOLAR	1682	1799	0	0
Exchange with Mumbai	-1682	-1708	-1600	-1389
MSEDCL DEMAND MET	21561	20798	19453	16409
Load Shedding	0	0	0	0
MSEDCL DEMAND	21561	20798	19453	16409
TPCL GENERATION	624	616	732	460
AEML GENERATION	492	497	430	295
MUMBAI DEMAND	2798	2821	2762	2144
OTHER DISCOM DEMAND	427	401	433	363
STATE DEMAND MET	24786	24020	22648	18916
STATE DEMAND	24786	24020	22648	18916
Frequency (Hz)	50.03	50.02	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.16 Hz at 06.01 Hrs	49.77 Hz at 17.24 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 19/Nov/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.88	88.62	215	175
Unit 7	0.00	0.00	0	0
Unit 8	12.80	242.09	587	397
Unit 9	13.30	242.28	590	505
Unit 10	9.90	101.73	515	180
Total	40.88	674.72		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.67	172.62	465	0
Unit 5	9.43	178.52	460	285
Total	17.10	351.14		
Parli				
Unit 6	4.11	75.66	218	148
Unit 7	4.08	71.78	245	144
Unit 8	3.73	62.91	203	139
Total	11.92	210.35		
Chandrapur				
Unit 3	3.01	59.63	154	105
Unit 4	2.67	55.70	155	92
Unit 5	6.70	122.35	290	274
Unit 6	0.00	107.25	0	0
Unit 7	7.50	138.48	364	285
Unit 8	8.52	184.41	461	279
Unit 9	0.00	167.33	0	0
Total	28.41	835.14		
Paras				
Unit 3	5.04	92.41	218	197
Unit 4	2.72	44.81	257	0
Total	7.76	137.21		
Khaparkheda				
Unit 1	2.48	51.26	120	75
Unit 2	2.31	50.99	145	65
Unit 3	3.62	58.98	181	129
Unit 4	2.92	64.96	143	103
Unit 5	8.70	182.49	375	325
Total	20.02	408.68		
Nasik				
Unit 3	0.00	1.31	0	0
Unit 4	3.26	51.14	165	114
Unit 5	2.91	58.99	155	18
Total	6.17	111.43		
Uran				
All Units	2.18	35.77	99	49
Total	2.18	35.77		
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)	0.16	11.30	33	0
Total	0.16	11.30		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.58	42.80	240	40
Stage 4	2.03	35.16	470	0
Stage 3	0.96	17.30	226	0
Total	4.58	95.26		
Hydro				
KDPH	0.43	6.35	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.46	4.00	58	0
BHIRA T.R.	0.21	3.67	77	0
SMLHY_PTN	1.62	30.72	71	64
GHATGHAR	0.25	5.06	125	0
Total	2.97	49.81		
Wind				
Total	12.86	262.82	0	0
Total	12.86	262.82		
CPP				
APML(Mus)	74.91	1230.93	0	0
JSWEL(Mus)	10.95	236.70	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.23	500.77	0	0
SWPGPL-Mus	8.61	135.99	0	0
Other(Mus)	39.76	622.53	0	0
Total	165.45	2726.92		
SOLAR				
Total	12.49	227.46	0	0
Total	12.49	227.46		
Tata				
Trombay 5	7.33	139.42	383	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.13	4.04	70	0
Trombay 7B	0.00	3.08	0	0
TATA Hydro	2.55	71.03	336	13
Trombay 8	3.48	66.11	176	129
Total	13.50	283.69		
AEMIL				
DTPS U-1&2	9.02	167.12	498	286
Total	9.02	167.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.26	2728.67	MSPGCL Total	142.15	2920.81
			MSPGCL Thml+Gas	134.44	2764.44	Koyna 1,2 & 4 Total	3.61	77.96
			MSPGCL Hydro	7.70	156.36	State Total	355.47	6588.83

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/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 DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	4880	127	96	5103	495	6738	0	0	5689	6049	-1325	16692	0	16692	2089	367	19149	49.96
2	5242	128	96	5466	446	6779	0	0	5688	5683	-1232	16811	0	16811	1952	331	19094	49.99
3	5440	129	97	5666	489	6839	0	0	5795	5361	-1145	16898	0	16898	1853	312	19063	50.00
4	5237	128	97	5462	489	6806	0	0	5829	5826	-1085	17207	0	17207	1786	292	19284	50.00
5	5639	129	97	5865	560	6902	0	0	5665	5931	-1072	17866	0	17866	1771	319	19957	50.00
6	5998	133	96	6227	647	6876	0	0	6285	6486	-1151	18746	0	18746	1858	339	20943	50.01
7	5943	192	98	6233	678	6883	0	13	7011	7115	-1218	19350	0	19350	1950	354	21654	49.98
8	6003	299	97	6399	726	6868	0	328	6927	7319	-1281	19981	0	19981	2067	379	22426	50.00
9	5824	296	96	6216	612	6911	0	838	7159	7080	-1439	19814	0	19814	2297	405	22515	50.01
10	5654	471	96	6221	707	6865	0	1344	7368	7486	-1497	20714	0	20714	2603	412	23729	49.97
11	5566	403	94	6063	582	6949	0	1682	8111	8394	-1682	21561	0	21561	2798	427	24786	50.03
12	5419	434	91	5944	515	6909	0	1776	7912	8170	-1735	21175	0	21175	2848	405	24427	50.03
13	5386	445	91	5922	422	6910	0	1799	7549	7854	-1708	20798	0	20798	2821	401	24020	50.02
14	5525	187	90	5802	338	6927	0	1718	7539	7361	-1566	20192	0	20192	2694	389	23274	50.00
15	5651	181	89	5921	309	6940	0	1439	7840	7724	-1510	20440	0	20440	2695	384	23518	49.99
16	5676	197	82	5955	311	6938	0	1019	8081	7945	-1452	20312	0	20312	2720	404	23436	50.01
17	5888	412	49	6349	309	7001	0	478	7194	7021	-1427	19333	0	19333	2704	399	22435	49.96
18	6052	952	52	7056	372	6916	0	54	6538	6337	-1556	18761	0	18761	2695	418	21874	49.93
19	5790	1079	96	6965	473	7210	0	0	6571	6838	-1600	19453	0	19453	2762	433	22648	50.03
20	5636	584	95	6315	600	6980	0	0	6995	7093	-1645	18916	0	18916	2627	427	21970	50.00
21	5227	266	99	5592	679	6974	0	0	6358	6410	-1651	17603	0	17603	2512	401	20516	50.00
22	4837	213	96	5146	730	6790	0	0	5923	6212	-1549	16927	0	16927	2373	402	19702	50.04
23	4923	196	96	5215	727	6777	0	0	5804	5606	-1444	16496	0	16496	2259	385	19140	50.02
24	4826	124	95	5045	646	6760	0	0	5782	5710	-1389	16409	0	16409	2144	363	18916	50.00
MUs	132.26	7.70	2.18	142.15	12.86	165.45	0.00	12.49	161.61	163.01	-34.36	452.45	0.00	452.45	56.88	9.15	518.48	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 19/Nov/2022

Position as on 6.30 Hrs of 20/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 U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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	
MSPGCL	Uran Unit B0	120	09/10/2022	11:53	20/11/2022	15:29	TURBINE PROTECTION OPERATED	22/11/2022
MSPGCL	Uran Unit 8	108	09/10/2022	12:30	19/11/2022	16:12	BOILER PROBLEM	19/11/2022
IPP	JSW (J) U1	300	11/10/2022	02:40		Continued.	No Schedule	
TPC-G	Trombay 7B	60	04/11/2022	04:22	20/11/2022	23:00	Gas shortage	
TPC-G	Trombay 7A	120	04/11/2022	19:53	20/11/2022	23:00	Gas shortage	
CENT.SECTOR	Tarapur 3	540	07/11/2022	02:00		Continued.	For maintenance on reactor side	22/11/2022
MSPGCL	Nasik Unit 3	210	11/11/2022	03:16	20/11/2022	22:05	Boiler Tube Leakage (under tolling from 06:33 hrs dtd-13/11/2022)	20/11/2022
IPP	SWPGPL U-2	135	11/11/2022	19:36		Continued.	Submerged Scrapper Conveyor Scrapper bar problem.	23/11/2022
MSPGCL	Chandrapur Unit 6	500	16/11/2022	14:06		Continued.	ID Fan Problem	21/11/2022
MSPGCL	Chandrapur Unit 9	500	18/11/2022	21:28		Continued.	withdrawn due to LPBP warm line leakage	22/11/2022
MSPGCL	Koyna STG-IV Unit-3	250	19/11/2022	09:25		Continued.	Trunnion Seal repair work.	22/11/2022
MSPGCL	Paras Unit 4	250	19/11/2022	10:57		Continued.	Boiler Tube Leakage	22/11/2022
MSPGCL	Bhusawal Unit 4	500	19/11/2022	18:31		Continued.	Boiler Tube Leakage	22/11/2022
MSPGCL	Nasik Unit 5	210	19/11/2022	23:20		Continued.	Boiler Tube Leakage	24/11/2022
MSPGCL	Uran Unit 6	108	20/11/2022	18:32		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	20/11/2022	19:06		Continued.	boiler protection	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Nov/2022

Statement-VII

Position as on 6.30 Hrs of 20/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/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 1	IntraState	18/11/2022	00:36			PO	For Pole 1 Scheduled Annual Outage and Pole1 Y Phase Converter Transformer replacement work.
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							
KUDUS - KALA CKT - 2	InterState	20/11/2022	15:58	20/11/2022	20:06	HT	Outage availed to attend hot spot at kudus end
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/11/2022	07:32			HT	For Load Management
KARAD - TALANDGE CKT - 1	IntraState	15/11/2022	17:03			PO	Overhauling of A bus, B Bus PG isolators.
PADGHE - PADGHE HVDC CKT- 1	IntraState	18/11/2022	00:36			PO	1) Bay Maint work 2) Diagnostic Testing work 3)A Bus :- PG Isolator replacement of 400kV HVDC-I Y&B-phz 4) Bhel CB Pole Overhauling work. If pole overhauling not completed within outage period line will be charge on TBC.
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	19/11/2022	06:27	19/11/2022	18:55	PO	1) String Disc Replacement Work 2) Maintenance Work
220 KV INTERCONNECTOR - I	IntraState	19/11/2022	12:16	19/11/2022	20:24	PO	For routine testing and maintenance work
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
DEEPNAGAR - THAPTI TANDA	IntraState	20/11/2022	06:07	20/11/2022	11:32	PO	For faulty flash overed Y-ph string replacement work at loc no 206
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	20/11/2022	12:16		Continued.	PO	For replacement of faulty disc insulators by LRP strings
JAIGAD - KARAD CKT - 2	IntraState	20/11/2022	20:20		Continued.	HT	H/T FOR O/V
LONIKAND I - KOYNA STAGE-IV	IntraState	20/11/2022	22:05		Continued.	HT	For controlling overvoltage
220 KV MAINBAY Outages/Trippings							
TBC @ HINJEWADI-2	IntraState	19/11/2022	09:15	19/11/2022	11:07	PO	Half yearly maintenance work
220 KV LINE Outages/Trippings							
NALASOPARA - BOISAR PG	InterState	20/11/2022	09:38	20/11/2022	16:42	PO	The outage is proposed for safety purpose for erection of one side cross arms & one ckt stringing work at location no. 138.
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	07/11/2022	08:24	19/11/2022	09:07	HT	For Load Management
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.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/Nov/2022

Statement-VII

Position as on 6.30 Hrs of 20/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	15/11/2022	08:45	20/11/2022	01:19	HT	For Load Management
URSE-CHINCHWAD	IntraState	18/11/2022	21:30	19/11/2022	12:00	T	Tripped on Distance protection
KALWA - MULUND 1	IntraState	19/11/2022	06:27	19/11/2022	08:44	EO	Y ph LA replacement work due to high LCM value (596)
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	19/11/2022	09:13	19/11/2022	14:33	PO	Routine bay maintenance & Line maintenance
TATA BORIVLI MSETCL BORIVLI - 4	IntraState	19/11/2022	10:15	19/11/2022	13:25	PO	Annual Diagnostic Testing Work.
NERUL - SEAWOOD CABLE CKT - 2	IntraState	19/11/2022	11:06	19/11/2022	15:03	PO	Diagnostic and R.M.Work
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	19/11/2022	14:33			HT	H/T TO CONTROL BBLR LINE LOADING
KANDALGAON - KOYNA (POPHALI)	IntraState	19/11/2022	16:05	19/11/2022	18:40	EO	For replacement of damaged insulator string at loc no 107 top R phase.
EKLAHARE (OCR) - PADGHE	IntraState	20/11/2022	07:42			HT	for load management
TROMBAY - KALWA	IntraState	20/11/2022	08:40	20/11/2022	11:31	T	Tripped on distance protection (ph to ph fault)
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
220/110 kV 200 MVA ICT 1 @ MUDSHINGI	IntraState	18/11/2022	10:07	19/11/2022	18:43	PO	TF oil filtration & QM work
220/132 KV 100 MVA ICT-3 @ BHENDA	IntraState	19/11/2022	09:24	19/11/2022	13:34	PO	For Quarterly Maintenance work.
220/132 KV 200 MVA ICT 2 @ MALEGAON	IntraState	19/11/2022	09:40	19/11/2022	14:25	PO	Diagnostic Testing work of ICT ,HV & LV CTs.
220/22 KV 50 MVA PTR 1 @ CHAKAN	IntraState	19/11/2022	12:11	19/11/2022	17:17	PO	Outage required for overhauling of OLTC and routine testing along with Maintenance of 220/22kV 50MVA PTR-1
220/132KV 100 MVA ICT NO 2 @ MAGARPATTA	IntraState	19/11/2022	12:18	19/11/2022	20:43	PO	For attending the OLTC diverter leakage issue.

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