

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Nov/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.937	3853.386	1) Gujrat	-6.962	-169.035
2) Hydro	6.534	275.250	2) Madhya Pradesh	5.478	164.293
3) Gas	5.697	141.991	3) Chattisgarh	6.520	85.610
Total MSPGCL	163.168	4270.627	4) Maharashtra	142.568	4156.852
B) 1) APLM	55.555	1428.151	5) Goa (Amona)	-1.671	-42.173
2) JSWEL	14.537	368.737	Total	145.933	4195.547
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.991	780.135
4) RPL(AMT)	21.100	574.776	b) Mumbai Drawl	27.568	776.156
5) SWPGPL	7.551	194.342	c) MSEDCL Bilateral *	39.334	1219.783
6) Other IPP	37.227	811.702	Include PX	1.038	231.626
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.991	780.103
C) 1) TPCL Thermal	13.835	341.566	Include PX	14.517	455.230
2) TPCL Hydro	5.289	111.870	Standby	0.000	0.032
3) TPCL Gas	2.157	85.590	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.351	268.161	1) MSEDCL	434.081	11576.372
D) STATE			2) Mumbai Discoms	59.200	1583.341
1) Thermal	311.093	7840.821	TOTAL STATE	493.281	13159.713
(A1+C1+C4+(B1-B6))					
2) Hydro	11.823	387.120			
(A2+C2)					
3) Gas	7.854	227.581			
(A3+B7+C3)					
4) Wind	9.102	332.036			
6) SOLAR	7.476	176.610			
TOTAL STATE	347.348	8964.168			

* 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	6222	6153	6808	5508
MSPGCL Hydro	288	284	639	220
MSPGCL Gas	239	226	229	243
MSPGCL Total Generation	6749	6663	7676	5971
Central Sector Receipt	6746	6993	5939	5807
WIND	441	357	265	625
CPP / IPP Thermal	6122	5290	6306	5091
CPP / IPP Gas	0	0	0	0
SOLAR	1017	1121	0	0
Exchange with Mumbai	-1039	-1064	-1116	-1565
MSEDCL DEMAND MET	20036	19360	19070	15929
Load Shedding	0	0	0	0
MSEDCL DEMAND	20036	19360	19070	15929
TPCL GENERATION	1212	1228	1203	532
AEML GENERATION	501	500	489	306
MUMBAI DEMAND	2752	2792	2808	2403
STATE DEMAND MET	22788	22152	21878	18332
STATE DEMAND	22788	22152	21878	18332
Frequency (Hz)	50.00	50.02	49.97	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.02 Hrs	49.79 Hz at 14.47 Hrs	50	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation, Maximum, Minimum for 27/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.52	92.64	200	115
Unit 7	0.00	0.00	0	0
Unit 8	13.89	233.82	603	463
Unit 9	13.63	348.47	611	433
Unit 10	13.47	342.82	605	456
Total	44.52	1017.74		
Bhusawal				
Unit 3	3.22	74.10	170	120
Unit 4	8.10	240.68	460	280
Unit 5	6.07	254.83	390	0
Total	17.39	569.62		
Parli				
Unit 6	4.14	60.15	239	148
Unit 7	3.30	108.03	155	126
Unit 8	4.04	111.07	205	151
Total	11.49	279.25		
Chandrapur				
Unit 3	0.00	55.43	0	0
Unit 4	3.22	84.65	150	120
Unit 5	8.35	218.05	380	307
Unit 6	0.00	0.00	0	0
Unit 7	8.14	209.34	372	289
Unit 8	9.90	251.16	435	391
Unit 9	9.62	260.60	431	367
Total	39.23	1079.24		
Paras				
Unit 3	4.26	57.60	250	138
Unit 4	4.16	108.40	237	141
Total	8.42	166.00		
Khaparkheda				
Unit 1	3.18	74.40	150	120
Unit 2	2.98	86.24	135	115
Unit 3	3.36	87.75	164	130
Unit 4	3.29	92.10	163	120
Unit 5	10.18	251.83	470	286
Total	23.00	592.32		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.12	56.69	141	117
Unit 5	3.78	92.53	191	118
Total	6.90	149.22		
Uran				
All Units	5.70	141.99	253	225
Total	5.70	141.99		
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)	0.04	7.25	30	0
Total	0.04	7.25		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.42	78.06	340	40
Stage 4	0.00	34.22	0	0
Stage 3	0.24	24.69	80	0
Total	1.66	136.96		
Hydro				
KDPH	0.00	1.58	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.49	0.60	58	0
BHIRA T.R.	0.32	6.28	80	0
SMLHY_PTN	4.06	127.17	183	157
GHATGHAR	0.00	2.65	0	0
Total	4.87	138.29		
Wind				
Total	9.10	332.04	0	0
Total	9.10	332.04		
CPP				
APML(Mus)	55.56	1428.15	0	0
JSWEL(Mus)	14.54	368.74	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	21.10	574.78	0	0
SWPGPL-Mus	7.55	194.34	0	0
Other(Mus)	37.23	811.70	0	0
Total	135.97	3377.71		
SOLAR				
Total	7.48	176.61	0	0
Total	7.48	176.61		
Tata				
Trombay 5	8.91	213.00	480	251
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.18	51.00	49	49
Trombay 7B	0.98	34.59	42	40
Trombay 8	4.93	128.56	220	173
TATA Hydro	5.29	111.87	439	0
Total	21.28	539.03		
AEML				
DTPS U-1&2	10.35	268.16	501	306
Total	10.35	268.16		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	150.94	3853.39
MSPGCL Thml+Gas	156.63	3995.38
MSPGCL Hydro	6.53	275.25

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	163.17	4270.63
Koyna 1,2 & 4 Total	1.42	112.27
State Total	347.35	8964.17

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Nov/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5872	267	243	6382	260	5099	0	0	6066	6076	-1457	16360	0	16360	2374	18734	50.01
2	5922	260	233	6415	267	5048	0	0	5994	5799	-1338	16190	0	16190	2214	18404	50.03
3	5966	269	244	6479	324	5088	0	0	5878	5621	-1206	16306	0	16306	2086	18392	50.01
4	6004	263	244	6511	395	5020	0	0	5784	5689	-1118	16497	0	16497	1991	18488	50.02
5	6050	272	244	6566	407	5286	0	0	5839	5693	-1095	16857	0	16857	1955	18812	50.04
6	6325	269	244	6838	407	5846	0	0	5915	5843	-1134	17800	0	17800	1989	19789	50.04
7	6807	260	234	7301	479	6181	0	18	5875	5608	-1028	18559	0	18559	2036	20595	50.01
8	6870	291	245	7406	443	6315	0	170	6037	5831	-858	19307	0	19307	2112	21419	50.00
9	6310	231	253	6794	412	6256	0	519	6468	6494	-1130	19345	0	19345	2297	21642	49.99
10	6497	214	241	6952	482	6214	0	853	6809	6269	-1181	19589	0	19589	2529	22118	50.00
11	6222	288	239	6749	441	6122	0	1017	7067	6746	-1039	20036	0	20036	2752	22788	50.00
12	6090	277	238	6605	441	5805	0	1134	7276	6884	-1094	19775	0	19775	2823	22598	50.01
13	6153	284	226	6663	357	5290	0	1121	7257	6993	-1064	19360	0	19360	2792	22152	50.02
14	6230	207	226	6663	360	5040	0	1038	7317	7083	-992	19192	0	19192	2694	21886	50.01
15	6330	221	225	6776	289	5254	0	828	7312	7031	-1023	19155	0	19155	2702	21857	49.90
16	6531	216	226	6973	242	5782	0	518	6948	6696	-1077	19134	0	19134	2758	21892	50.00
17	6876	238	236	7350	205	6181	0	232	6207	5881	-1079	18770	0	18770	2760	21530	49.99
18	6820	306	228	7354	212	6299	0	28	5561	5630	-1031	18492	0	18492	2737	21229	49.96
19	6808	639	229	7676	265	6306	0	0	5881	5939	-1116	19070	0	19070	2808	21878	49.97
20	6869	353	231	7453	300	6303	0	0	6258	5388	-1090	18354	0	18354	2770	21124	50.03
21	6224	233	241	6698	389	5928	0	0	6118	5195	-1098	17112	0	17112	2651	19763	50.03
22	6058	228	242	6528	513	5165	0	0	6101	5746	-1304	16648	0	16648	2536	19184	50.01
23	5595	228	242	6065	587	5051	0	0	6126	5991	-1451	16243	0	16243	2431	18674	50.00
24	5508	220	243	5971	625	5091	0	0	6156	5807	-1565	15929	0	15929	2403	18332	49.96
MUs	150.94	6.53	5.70	163.17	9.10	135.97	0.00	7.48	152.25	145.93	-27.57	434.08	0.00	434.08	59.20	493.28	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 27/Nov/2021

Position as on 6.30 Hrs of 28/Nov/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 6	500	17/10/2021	18.40	28/11/2021	17.19	Boiler Tripped On Total Air Flow less than 30%.(Converted to AOH 00:00 hrs 18.10.2021)	
IPP	Adani U-4	660	10/11/2021	23.58		Continued.	Capital Overhauling	
IPP	JSW (J) U2	300	19/11/2021	01.26		Continued.	Zero schedule.	
MSPGCL	Koyna STG-IV Unit-4	250	22/11/2021	09.55		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	IEPL Unit 1	270	28/08/2018	21.26		Continued.	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)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Nasik Unit 3	210	30/08/2021	22.51		Continued.	Against case 4.which was outage on Loss of Fuel(From 19.44Hrs DT.26-08-2021	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vibration high	
MSPGCL	Uran Unit 5	108	07/11/2021	23.28		Continued.	Turbine problem.	
IPP	RPL(AMT) U-4	270	16/11/2021	00.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	23/11/2021	12.02		Continued.	ID Fan Problem	
MSPGCL	Bhusawal Unit 5	500	27/11/2021	07.47	27/11/2021	11.37	Dur to class 'A' protection operated.	
MSPGCL	Uran Unit 6	108	28/11/2021	00.15	28/11/2021	07.02	Gas shortage	
MSPGCL	Koradi Unit 9	660	28/11/2021	09.01		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	28/11/2021	13.20	28/11/2021	18.24	Gas shortage	
MSPGCL	Uran Unit B0	120	28/11/2021	13.20	28/11/2021	20.15	Gas shortage	
MSPGCL	Uran Unit 6	108	28/11/2021	22.00		Continued.	Gas shortage	
MSPGCL	Parli Unit 7	250	28/11/2021	23.57		Continued.	Zero Schedule.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 28/Nov/2021

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 2	IntraState	22/11/2021	16.33	28/11/2021	22.12	PO	Annual Maintenance Work Of HVDC Pole 2 equipment & line.
Chandrapur - Padghe Hvdc Pole 1	IntraState	26/11/2021	14.30		Continued.	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Main Bus- II @ Jejuri	InterState	27/11/2021	10.43	27/11/2021	19.15	PO	For faulty insulator string replacement.
Khadka-Aurangabad (Waluj)	IntraState	27/11/2021	12.30	27/11/2021	13.25	T	Distance Protection
Jaigad-Karad Ckt-I	IntraState	28/11/2021	03.11	28/11/2021	11.10	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	28/11/2021	21.43		Continued.	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220 kV 500MVA ICT-I @ Alkud	IntraState	27/11/2021	12.52	27/11/2021	15.12	T	Bucholz Protection Optd
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Tillari Amona	InterState	28/11/2021	02.17	28/11/2021	07.48	T	Over Voltage
Boisar Tarapur	InterState	28/11/2021	02.30	28/11/2021	02.54	HT	To transfer auxiliary bus to main bus.
Mahalakshmi Amona	InterState	28/11/2021	02.41	28/11/2021	07.38	T	Over Voltage
Borivali - Tarapur	InterState	28/11/2021	03.24		Continued.	T	Distance Protection
REL Borivali Aarey Line	IntraState	18/11/2021	09.20	27/11/2021	14.25	PO	Under MMRD Line Diversion scheme for Metro-3 project 220kV Outdoor termination of 220kV AEML Aarey and overhead connection at MMRC pylon yard.
Bableshwar Ahamadnagar-li	IntraState	27/11/2021	08.32	27/11/2021	19.29	PO	Wave trap and CC replacement work.
Dhamangaon New - Badnera	IntraState	27/11/2021	08.43	27/11/2021	18.30	PO	Routine Maintenance Work
Raymond - TKES	IntraState	27/11/2021	09.10	27/11/2021	17.13	PO	Annual maintenance work at consumer end and opportunity 220 KV Bus outage at Raymond end.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	27/11/2021	09.16	27/11/2021	18.34	PO	For replacement disc insulator string by long rod AF insulator string in foggy region at tower Location no-86 to 144.
Chakan-Mahindra Vehicle	IntraState	27/11/2021	09.34	27/11/2021	13.46	PO	For opening jumper of outgoing isolator of consumer bay-2.
220 KV VIRODA - AMALNER	IntraState	27/11/2021	09.51	27/11/2021	15.28	PO	Diagnostic testing work.
Waluj - Degaon Rangari	IntraState	27/11/2021	11.33	27/11/2021	15.14	PO	Attending Hot Spot
Butibori - Khaperkheda	IntraState	27/11/2021	11.57	27/11/2021	15.34	PO	Tan delta of CT work.
Kandalgaon - ONGC Panvel	IntraState	27/11/2021	13.13	27/11/2021	19.35	PO	for replacement of existing earthwire by new OPGW from Loc no. 603 to 640
Kandalgaon - ONGC Panvel	IntraState	28/11/2021	09.23	28/11/2021	18.41	PO	Replacement of earth wire
PANDHARPUR BHALVANI	IntraState	28/11/2021	10.50	28/11/2021	18.08	EO	Replacement of R-Ph CT
Mahad-Kandalgaon	IntraState	28/11/2021	21.05	28/11/2021	21.30	T	Distance Protection
Sawantwadi-Bidri	IntraState	28/11/2021	23.45		Continued.	HT	Over Voltage

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 28/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-li	IntraState	26/11/2021	10.12		Continued.	PO	Bay Maintenance work(after outage while charging at 15.03Hrs Y Phase HV/LV Bushing Blast)
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	28/11/2021	13.15	28/11/2021	16.50	T	Differential protection.