

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Nov/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.194	1663.120	1) Gujrat	-7.779	-86.056
2) Hydro	11.738	127.051	2) Madhya Pradesh	5.377	71.721
3) Gas	5.000	64.792	3) Chattisgarh	5.280	70.220
Total MSPGCL	158.932	1854.963	4) Maharashtra	159.134	1729.636
B) 1) APML	40.323	676.690	5) Goa (Amona)	-1.340	-18.658
2) JSWEL	14.009	164.574	Total	160.672	1766.863
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.661	333.094
4) RPL(AMT)	24.660	225.337	b) Mumbai Drawl	27.184	344.200
5) SWPGPL	8.491	75.567	c) MSEDCL Bilateral *	44.159	514.030
6) Other IPP	29.589	307.945	Include PX	8.160	89.840
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.661	333.094
C) 1) TPCL Thermal	10.939	137.990	Include PX	12.369	216.311
2) TPCL Hydro	3.702	41.328	Standby	0.000	0.000
3) TPCL Gas	3.552	37.753	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.417	111.188	1) MSEDCL	435.856	4995.957
D) STATE			2) Mumbai Discoms	54.794	672.458
1) Thermal	279.622	3362.411	TOTAL STATE	490.650	5668.415
(A1+C1+C4+(B1-B6))					
2) Hydro	15.440	168.379			
(A2+C2)					
3) Gas	8.552	102.545			
(A3+B7+C3)					
4) Wind	19.492	180.260			
6) SOLAR	6.872	87.958			
TOTAL STATE	329.978	3901.553			

* 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 1 Hrs
MSPGCL Thermal	6159	5927	6191	5120
MSPGCL Hydro	779	877	1306	235
MSPGCL Gas	201	139	242	197
MSPGCL Total Generation	7139	6943	7739	5552
Central Sector Receipt	8600	8807	6275	5470
WIND	825	441	452	1380
CPP / IPP Thermal	4828	4828	5055	4402
CPP / IPP Gas	0	0	0	0
SOLAR	961	1008	0	0
Exchange with Mumbai	-1306	-1408	-1113	-1062
MSEDCL DEMAND MET	21047	20619	18408	15742
Load Shedding	0	0	0	0
MSEDCL DEMAND	21047	20619	18408	15742
TPCL GENERATION	903	859	1137	582
AEML GENERATION	463	471	436	325
MUMBAI DEMAND	2672	2738	2686	1969
STATE DEMAND MET	23719	23357	21094	17711
STATE DEMAND	23719	23357	21094	17711
Frequency (Hz)	50.02	49.99	49.89	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 04.32 Hrs	49.67 Hz at 17.42 Hrs	49.99	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 12/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.91	40.22	190	120
Unit 7	0.00	0.00	0	0
Unit 8	0.00	112.09	0	0
Unit 9	13.66	150.51	625	550
Unit 10	12.81	148.38	553	493
Total	30.38	451.20		
Bhusawal				
Unit 3	3.63	39.46	165	125
Unit 4	10.54	116.84	480	360
Unit 5	10.32	113.28	450	340
Total	24.50	269.58		
Parli				
Unit 6	4.24	30.06	234	108
Unit 7	4.24	49.05	234	108
Unit 8	4.51	49.61	214	153
Total	13.00	128.73		
Chandrapur				
Unit 3	1.73	22.84	130	5
Unit 4	2.78	37.80	150	77
Unit 5	8.40	96.11	375	290
Unit 6	0.00	0.00	0	0
Unit 7	8.64	93.75	400	290
Unit 8	9.87	109.81	437	385
Unit 9	9.72	112.93	424	366
Total	41.15	473.25		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.86	43.14	252	143
Total	4.86	43.14		
Khaparkheda				
Unit 1	3.42	33.74	155	120
Unit 2	2.77	37.51	165	85
Unit 3	3.64	40.16	175	125
Unit 4	3.43	39.51	161	123
Unit 5	11.22	97.98	500	305
Total	24.48	248.90		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	9.93	0	0
Unit 5	3.83	38.40	192	120
Total	3.83	48.33		
Uran				
All Units	5.00	64.79	255	139
Total	5.00	64.79		
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)	0.28	5.97	33	0
Total	0.28	5.97		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.50	37.12	535	40
Stage 4	1.14	14.02	617	0
Stage 3	1.25	11.06	160	0
Total	6.89	62.19		
Hydro				
KDPH	0.00	1.58	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.24	2.32	80	0
SMLHY_PTN	4.60	58.30	203	187
GHATGHAR	0.00	2.65	0	0
Total	4.84	64.86		
Wind				
Total	19.49	180.26	0	0
Total	19.49	180.26		
CPP				
APML(Mus)	40.32	676.69	0	0
JSWEL(Mus)	14.01	164.57	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.66	225.34	0	0
SWPGPL-Mus	8.49	75.57	0	0
Other(Mus)	29.59	307.94	0	0
Total	117.07	1450.11		
SOLAR				
Total	6.87	87.96	0	0
Total	6.87	87.96		
Tata				
Trombay 5	6.49	83.23	349	253
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.15	22.15	114	60
Trombay 7B	1.40	15.61	67	48
Trombay 8	4.45	54.76	220	143
TATA Hydro	3.70	41.33	387	0
Total	18.19	217.07		
AEML				
DTPS U-1&2	9.42	111.19	471	325
Total	9.42	111.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.19	1663.12	MSPGCL Total	158.93	1854.96
			MSPGCL Thml+Gas	147.19	1727.91	Koyna 1,2 & 4 Total	5.65	51.13
			MSPGCL Hydro	11.74	127.05	State Total	329.98	3901.55

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/Nov/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5120	235	197	5552	1380	4402	0	0	5344	5470	-1062	15742	0	15742	1969	17711	49.99
2	5235	261	217	5713	1260	4488	0	0	5346	5459	-974	15946	0	15946	1847	17793	49.99
3	5477	326	207	6010	1154	4817	0	0	5241	4891	-868	16004	0	16004	1753	17757	50.03
4	5697	246	199	6142	1125	5126	0	0	5233	4963	-808	16548	0	16548	1676	18224	50.01
5	5855	241	207	6303	1139	5152	0	0	5356	5296	-773	17117	0	17117	1671	18788	50.05
6	6094	240	208	6542	1193	5194	0	0	6131	5726	-794	17861	0	17861	1732	19593	50.01
7	6242	256	208	6706	1234	5193	0	17	6596	6415	-813	18752	0	18752	1795	20547	49.97
8	6177	826	218	7221	1105	5188	0	169	6506	6632	-888	19427	0	19427	1954	21381	49.94
9	6201	703	205	7109	865	5086	0	466	6862	6890	-1111	19305	0	19305	2204	21509	50.00
10	6217	789	213	7219	841	4934	0	754	7632	7785	-1302	20231	0	20231	2482	22713	49.94
11	6159	779	201	7139	825	4828	0	961	8310	8600	-1306	21047	0	21047	2672	23719	50.02
12	6118	966	140	7224	542	4863	0	1052	8698	8451	-1383	20749	0	20749	2736	23485	49.99
13	5927	877	139	6943	441	4828	0	1008	8730	8807	-1408	20619	0	20619	2738	23357	49.99
14	5919	455	157	6531	333	4851	0	909	8793	8875	-1397	20102	0	20102	2612	22714	50.03
15	6046	257	196	6499	343	4869	0	769	8964	8993	-1383	20090	0	20090	2646	22736	50.05
16	6090	241	197	6528	360	4943	0	517	8923	8756	-1308	19796	0	19796	2670	22466	50.00
17	6141	350	208	6699	338	4976	0	222	7873	7720	-1242	18713	0	18713	2648	21361	49.93
18	6211	705	229	7145	332	4948	0	28	6849	6660	-1197	17916	0	17916	2621	20537	49.88
19	6191	1306	242	7739	452	5055	0	0	6292	6275	-1113	18408	0	18408	2686	21094	49.89
20	6179	644	243	7066	597	4967	0	0	6368	6291	-1280	17641	0	17641	2589	20230	50.03
21	6094	313	234	6641	716	4947	0	0	5811	5294	-1260	16338	0	16338	2507	18845	50.02
22	5699	257	235	6191	865	4563	0	0	5797	5592	-1156	16055	0	16055	2295	18350	50.02
23	5550	233	245	6028	993	4398	0	0	5915	5507	-1208	15718	0	15718	2180	17898	50.00
24	5555	232	255	6042	1059	4456	0	0	5843	5324	-1150	15731	0	15731	2111	17842	50.01
MUs	142.19	11.74	5.00	158.93	19.49	117.07	0.00	6.87	163.41	160.67	-27.18	435.86	0.00	435.86	54.79	490.65	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 12/Nov/2021

Position as on 6.30 Hrs of 13/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		Continued.	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	
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 Vabration high	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
IPP	JSW (J) U4	300	22/10/2021	21.45		Continued.	Due to no schedule.	
MSPGCL	Paras Unit 3	250	27/10/2021	19.05		Continued.	Air heater problem	
MSPGCL	Nasik Unit 4	210	03/11/2021	21.02	13/11/2021	04.44	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 5	108	07/11/2021	23.28		Continued.	Turbine problem.	
MSPGCL	Chandrapur Unit 3	210	09/11/2021	00.30	12/11/2021	07.45	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	09/11/2021	23.02		Continued.	Due to abnormal sound in the bottom bearing of RAPH-8B.	
IPP	Adani U-3	660	12/11/2021	09.34		Continued.	Clinkering Issue in Boiler	
MSPGCL	Uran Unit 6	108	12/11/2021	11.20	12/11/2021	12.46	For Mock Black Start activity	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 13/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400 KV 1500 MVA ICT II @ Aurangabad (Ektuni)	IntraState	12/11/2021	11.19	12/11/2021	14.55	T	while opening 89B Isolator
765/400 KV 1500 MVA ICT II @ Aurangabad (Ektuni)	IntraState	12/11/2021	15.38	12/11/2021	19.31	T	286B contact operated
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	13/11/2021	06.15		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
Karad-Jaigad - I	IntraState	11/11/2021	00.20	12/11/2021	09.27	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	11/11/2021	19.31	12/11/2021	07.31	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	12/11/2021	09.05	12/11/2021	19.36	PO	Replacement of Broken Conductor
Koradi III(Adani)-Korad II Ckt-I	IntraState	12/11/2021	10.33	12/11/2021	14.36	PO	Tan Delta Measurment of CTs
Bableshwar- Aurangabad (Waluj)	IntraState	12/11/2021	20.55	12/11/2021	21.56	T	400KV Main Bus I operated at Aurangabd
Khadka-Aurangabad (Waluj)	IntraState	12/11/2021	20.55		Continued.	HT	Y Phase Breaker pole Burst at 400KV Aurangabad(Line continued for Over Voltage from 21.56Hrs)
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	12/11/2021	20.55	12/11/2021	22.23	T	400KV Main Bus I operated at Aurangabd
Aurangabad - Aurangabad(PG) I	IntraState	12/11/2021	20.55	12/11/2021	22.11	T	400KV Main Bus I operated at Aurangabd
Deepnagar - Aurangabad	IntraState	12/11/2021	20.55	12/11/2021	22.33	T	400KV Main Bus I operated at Aurangabd
400 KV ICT Outages/Trippings							
400/220 Kv 315 MVA ICT-II @Chakan	IntraState	10/11/2021	11.36	12/11/2021	03.11	T	NDR Operated
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	12/11/2021	12.58	12/11/2021	13.14	PO	CB Mechanism overhauling work
400/220/33 Kv 500 Mva ICT III @Aurangabad (Waluj)	IntraState	12/11/2021	20.55	12/11/2021	22.37	T	400KV Main Bus I operated at Aurangabd
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)
Chikhli-Jalna-II	IntraState	07/11/2021	06.13		Continued.	HT	To control overloading of Akola ICT as Paras U3 not available and Paras U4 less gen 85MW.
Chikhli-Jalna-I	IntraState	07/11/2021	06.13		Continued.	HT	To control overloading of Akola ICT as Paras U3 not available and Paras U4 less gen 85MW.
Nalasopara-Boisar	IntraState	11/11/2021	21.08	12/11/2021	04.22	EO	Insulator Replacement Work
Khadka-Chalisgaon-1	IntraState	12/11/2021	09.23	12/11/2021	11.44	EO	To attend Hot Spot
OSMANABAD PARANDA	IntraState	12/11/2021	09.36	12/11/2021	12.58	PO	Quarterly Maintenance Work
Satana-Gangapur	IntraState	12/11/2021	12.10	12/11/2021	16.52	PO	Quarterly Maintenance Work
Khadka-Chalisgaon-1	IntraState	12/11/2021	13.33	12/11/2021	14.54	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	12/11/2021	14.50	12/11/2021	20.52	T	Distance Protection
Karad - Kadegaon	IntraState	12/11/2021	16.16	12/11/2021	19.04	PO	Quarterly Maintenance Work
Osmanabad - Solapur (Bale)	IntraState	12/11/2021	16.34	12/11/2021	18.54	PO	Tan Delta Measurment of CTs
Kharghar-Borivali ckt II	IntraState	12/11/2021	21.10	13/11/2021	05.34	PO	Replacement of Distance relay
Sawantwadi-Bidri	IntraState	12/11/2021	21.15		Continued.	HT	Over Voltage
Trombay Salsette 1 Backbay	IntraState	12/11/2021	23.05	13/11/2021	05.07	PO	Metro work
Trombay-Salsette II	IntraState	12/11/2021	23.22	13/11/2021	05.12	PO	Metro work

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 12/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 13/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Washala - Ghatghar	IntraState	13/11/2021	05.30		Continued.	PO	Samruddhi Highway work
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl lct 3 @Babhleshwar	IntraState	11/11/2021	09.32	12/11/2021	13.12	PO	Replacement of HV BPI & HV bus isolator RCC structure by lattice structure
220/100 Kv 100 Mva Emco lct 1 @Tambati	IntraState	11/11/2021	22.15		Continued.	HT	Due to differential relay faulty
220/100 Kv 200 Mva Bhel lct 1 @Kalwa	IntraState	12/11/2021	09.31	12/11/2021	14.02	EO	To attend Hot Spot
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	12/11/2021	09.52	12/11/2021	10.55	EO	To attend Hot Spot
220/100 Kv 100 MVA ICT II @Vasai-II	IntraState	12/11/2021	11.00	12/11/2021	12.15	EO	To attend Hot Spot
220/132 Kv 200 Mva Bbl lct 2 @Waghala Nanded	IntraState	12/11/2021	11.52	12/11/2021	17.25	EO	To attend Hot Spot
220/132 Kv lct 1 200 Mva @Parbhani	IntraState	12/11/2021	12.18	12/11/2021	18.42	PO	Testing Work

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