

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Nov/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.324	2276.610	1) Gujrat	-3.317	-109.140
2) Hydro	9.057	176.240	2) Madhya Pradesh	6.100	94.234
3) Gas	5.368	87.032	3) Chattisgarh	0.000	72.220
Total MSPGCL	166.749	2539.882	4) Maharashtra	169.884	2421.908
B) 1) APLM	43.153	836.458	5) Goa (Amona)	-1.875	-24.351
2) JSWEL	14.251	220.771	Total	170.792	2454.871
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.682	438.990
4) RPL(AMT)	25.358	324.492	b) Mumbai Drawl	29.270	448.525
5) SWPGPL	8.862	111.400	c) MSEDCL Bilateral *	56.591	740.231
6) Other IPP	32.517	433.017	Include PX	18.028	162.887
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.682	438.990
C) 1) TPCL Thermal	12.995	190.117	Include PX	17.065	274.610
2) TPCL Hydro	5.441	55.727	Standby	0.000	0.000
3) TPCL Gas	4.306	55.002	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.527	152.927	1) MSEDCL	458.879	6811.317
D) STATE			2) Mumbai Discoms	62.539	902.297
1) Thermal	299.987	4545.792	TOTAL STATE	521.418	7713.614
(A1+C1+C4+(B1-B6))					
2) Hydro	14.498	231.967			
(A2+C2)					
3) Gas	9.674	142.034			
(A3+B7+C3)					
4) Wind	20.734	227.403			
6) SOLAR	5.733	111.548			
TOTAL STATE	350.626	5258.744			

* 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	6622	6066	6602	5777
MSPGCL Hydro	333	318	1171	227
MSPGCL Gas	228	216	228	230
MSPGCL Total Generation	7183	6600	8001	6234
Central Sector Receipt	9005	8868	6497	5439
WIND	1004	911	730	1303
CPP / IPP Thermal	5243	5187	5267	4866
CPP / IPP Gas	0	0	0	0
SOLAR	779	859	0	0
Exchange with Mumbai	-1211	-1297	-1093	-1483
MSEDCL DEMAND MET	22003	21128	19402	16359
Load Shedding	0	0	0	0
MSEDCL DEMAND	22003	21128	19402	16359
TPCL GENERATION	1308	1312	1269	652
AEML GENERATION	492	500	500	423
MUMBAI DEMAND	3011	3109	2862	2558
STATE DEMAND MET	25014	24237	22264	18917
STATE DEMAND	25014	24237	22264	18917
Frequency (Hz)	50.04	50.01	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13.03 Hrs	49.84 Hz at 23.02 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 16/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.82	54.96	185	120
Unit 7	0.00	0.00	0	0
Unit 8	0.00	112.09	0	0
Unit 9	13.69	205.25	607	516
Unit 10	12.34	199.75	555	500
Total	29.86	572.05		
Bhusawal				
Unit 3	3.79	55.26	175	120
Unit 4	10.58	160.57	470	425
Unit 5	10.59	156.28	485	410
Total	24.96	372.11		
Parli				
Unit 6	4.75	50.52	235	160
Unit 7	3.79	65.26	241	112
Unit 8	4.27	67.41	204	155
Total	12.80	183.18		
Chandrapur				
Unit 3	3.18	35.63	145	123
Unit 4	3.16	50.17	140	124
Unit 5	8.55	130.75	380	310
Unit 6	0.00	0.00	0	0
Unit 7	8.60	128.68	396	293
Unit 8	9.46	148.58	414	376
Unit 9	10.49	154.44	448	421
Total	43.44	648.25		
Paras				
Unit 3	4.56	12.99	236	140
Unit 4	4.51	63.74	232	144
Total	9.07	76.72		
Khaparkheda				
Unit 1	3.02	47.15	160	0
Unit 2	3.64	51.16	170	120
Unit 3	3.84	50.51	182	127
Unit 4	3.75	55.34	180	124
Unit 5	11.36	144.53	495	383
Total	25.61	348.69		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	2.99	22.93	136	116
Unit 5	3.59	52.67	188	117
Total	6.58	75.60		
Uran				
All Units	5.37	87.03	242	172
Total	5.37	87.03		
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)	0.15	6.76	30	0
Total	0.15	6.76		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.38	50.23	465	40
Stage 4	1.16	25.47	604	0
Stage 3	0.69	16.61	154	0
Total	4.23	92.31		
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.	0.28	3.08	80	0
SMLHY_PTN	4.55	76.61	200	179
GHATGHAR	0.00	2.65	0	0
Total	4.83	83.93		
Wind				
Total	20.73	227.40	0	0
Total	20.73	227.40		
CPP				
APML(Mus)	43.15	836.46	0	0
JSWEL(Mus)	14.25	220.77	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.36	324.49	0	0
SWPGPL-Mus	8.86	111.40	0	0
Other(Mus)	32.52	433.02	0	0
Total	124.14	1926.14		
SOLAR				
Total	5.73	111.55	0	0
Total	5.73	111.55		
Tata				
Trombay 5	8.22	116.02	472	249
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.71	33.02	114	111
Trombay 7B	1.59	21.99	67	66
Trombay 8	4.77	74.10	223	138
TATA Hydro	5.44	55.73	451	0
Total	22.74	300.85		
AEML				
DTPS U-1&2	10.53	152.93	500	337
Total	10.53	152.93		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.32	2276.61	MSPGCL Total	166.75	2539.88
			MSPGCL Thml+Gas	157.69	2363.64	Koyna 1,2 & 4 Total	3.54	75.70
			MSPGCL Hydro	9.06	176.24	State Total	350.63	5258.74

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	6383	233	233	6849	664	5178	0	0	6555	5886	-1304	17273	0	17273	2292	19565	50.01
2	6047	239	233	6519	796	5116	0	0	6454	6313	-1206	17538	0	17538	2147	19685	50.00
3	6043	239	242	6524	814	5143	0	0	6355	5942	-1115	17308	0	17308	2022	19330	49.99
4	6078	245	233	6556	803	5164	0	0	6251	5982	-1018	17487	0	17487	1946	19433	49.97
5	6397	240	233	6870	787	5178	0	0	6340	6267	-998	18104	0	18104	1927	20031	50.00
6	6604	247	233	7084	765	5204	0	0	6915	7108	-1012	19149	0	19149	1979	21128	49.99
7	6572	238	213	7023	901	5184	0	37	7498	7407	-1004	19548	0	19548	2047	21595	50.01
8	6586	340	172	7098	896	5216	0	177	7716	7641	-1067	19961	0	19961	2202	22163	50.00
9	6712	274	211	7197	893	5209	0	391	7898	8098	-1263	20525	0	20525	2485	23010	49.99
10	6678	397	240	7315	950	5212	0	657	8349	8382	-1375	21141	0	21141	2783	23924	50.00
11	6622	333	228	7183	1004	5243	0	779	9211	9005	-1211	22003	0	22003	3011	25014	50.04
12	6689	345	217	7251	1041	5276	0	826	9421	8693	-1278	21809	0	21809	3093	24902	50.04
13	6066	318	216	6600	911	5187	0	859	9186	8868	-1297	21128	0	21128	3109	24237	50.01
14	6179	324	216	6719	827	5233	0	745	8755	8651	-1360	20815	0	20815	3027	23842	50.04
15	6427	222	215	6864	832	5281	0	637	8922	8568	-1423	20759	0	20759	3063	23822	49.99
16	6126	306	215	6647	838	5216	0	426	8814	8443	-1302	20268	0	20268	3083	23351	50.00
17	6357	505	216	7078	814	5157	0	182	7778	7741	-1267	19705	0	19705	3041	22746	49.96
18	6597	1103	226	7926	678	5241	0	17	6166	6195	-1230	18827	0	18827	3000	21827	49.98
19	6602	1171	228	8001	730	5267	0	0	6510	6497	-1093	19402	0	19402	2862	22264	50.02
20	6616	577	219	7412	767	5167	0	0	6629	6205	-1170	18381	0	18381	2905	21286	50.03
21	6241	313	229	6783	839	5151	0	0	6018	5690	-1128	17335	0	17335	2752	20087	49.99
22	5985	350	230	6565	869	4972	0	0	6065	5902	-1277	17031	0	17031	2628	19659	50.00
23	5940	271	240	6451	1012	5080	0	0	6235	5869	-1389	17023	0	17023	2577	19600	50.01
24	5777	227	230	6234	1303	4866	0	0	6488	5439	-1483	16359	0	16359	2558	18917	49.98
MUs	152.32	9.06	5.37	166.75	20.73	124.14	0.00	5.73	176.53	170.79	-29.27	458.88	0.00	458.88	62.54	521.42	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 16/Nov/2021

Position as on 6.30 Hrs of 17/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	JSW (J) U4	300	22/10/2021	21.45		Continued.	Due to no schedule.	
MSPGCL	Uran Unit 5	108	07/11/2021	23.28		Continued.	Turbine problem.	
MSPGCL	Koradi Unit-8	660	09/11/2021	23.02		Continued.	Due to abnormal sound in the bottom bearing of RAPH-8B.	
IPP	RPL(AMT) U-4	270	13/11/2021	07.16	16/11/2021	00.00	WITHDRAWN DUE TO BOTTOM ASH PROBLEM.	
IPP	Adani U-5	660	14/11/2021	21.18		Continued.	MS Drain Bonnet Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2021	00.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 6	108	16/11/2021	06.57	16/11/2021	07.37	Generator protection.	
MSPGCL	Khaparkheda Unit 1	210	16/11/2021	21.13		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna Unit 1	70	17/11/2021	08.15	17/11/2021	17.35	Maintenance work	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 17/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 1	IntraState	13/11/2021	06.15		Continued.	PO	Annual Maintenance Work
Chandrapur - Padghe HvdC Pole 2	IntraState	16/11/2021	15.16	16/11/2021	16.08	T	Differential protection at Padgha end.
Chandrapur - Padghe HvdC Pole 2	IntraState	16/11/2021	17.29	16/11/2021	18.59	EO	Due to heavy sparking observed on neutral capacitor bank at chandrapur end.
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
Koradi Bhilai	InterState	13/11/2021	09.49		Continued.	PO	Work At Bhilai end.
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	15/11/2021	10.18		Continued.	HT	To control Mumbai line loading.
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-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.
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.
Sawantwadi-Bidri	IntraState	15/11/2021	22.03	16/11/2021	09.28	HT	Over Voltage
Karad - Sadawagpur I	IntraState	16/11/2021	10.26	16/11/2021	15.46	PO	Erection of LA for B-phase of line.
Nanded - Parli Ext. Ckt I	IntraState	16/11/2021	10.33	16/11/2021	17.05	PO	Diagnostics testing work.
Centuri Enka- Bhosari	IntraState	16/11/2021	10.40	16/11/2021	14.10	PO	CRM measurement of CB & timing test of CB.
Vita Alkud	IntraState	16/11/2021	11.02	16/11/2021	13.35	PO	In Order to take outage on 220kv bus coupler, alkud-vita line will be shifted on main bus 1 via TBC.
ALKUD - MENDHEGIRI CKT - 2	IntraState	16/11/2021	11.12	16/11/2021	13.38	PO	In Order to take outage on 220kv bus coupler, alkud-mendegiri ckt-2 line will be shifted on main bus 1 via TBC.
Lonikand2 - Bhosari1	IntraState	16/11/2021	14.32	16/11/2021	18.08	PO	CRM measurement of CB & timing test of .
Talandage - Sawantwadi I	IntraState	16/11/2021	16.11	16/11/2021	18.40	T	Distance Protection
Miraj - Mhaishal	IntraState	17/11/2021	00.29		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	11/11/2021	22.15		Continued.	HT	Due to differential relay faulty
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	16/11/2021	09.45	16/11/2021	12.26	PO	Quarterly Maintenance Work
220/132kv 100mva Ict 1 @Peth	IntraState	16/11/2021	10.00	16/11/2021	15.16	PO	Diagnostic testing work.
220/100 Kv 200 Mva Alstom Ict 2 @Apta	IntraState	16/11/2021	11.25	16/11/2021	18.08	PO	Diagnostic testing work.
220/132 Kv 100 Mva Ict 2 @Tuljapur	IntraState	16/11/2021	13.11	16/11/2021	16.20	PO	Attending Oil Leakage

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