

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Nov/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.450	2124.286	1) Gujrat	-5.070	-105.823
2) Hydro	16.342	167.183	2) Madhya Pradesh	5.415	88.134
3) Gas	5.544	81.664	3) Chattisgarh	0.000	72.220
Total MSPGCL	179.336	2373.133	4) Maharashtra	178.676	2252.024
B) 1) APML	35.966	793.305	5) Goa (Amona)	-1.643	-22.476
2) JSWEL	14.150	206.520	Total	177.378	2284.079
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.271	409.308
4) RPL(AMT)	25.588	299.134	b) Mumbai Drawl	27.357	419.255
5) SWPGPL	9.145	102.538	c) MSEDCL Bilateral *	57.451	683.641
6) Other IPP	31.552	400.500	Include PX	18.528	144.859
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.271	409.308
C) 1) TPCL Thermal	13.860	177.122	Include PX	17.214	257.545
2) TPCL Hydro	5.368	50.286	Standby	0.000	0.000
3) TPCL Gas	4.318	50.696	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.445	142.400	1) MSEDCL	459.448	6352.438
D) STATE			2) Mumbai Discoms	61.348	839.758
1) Thermal	298.156	4245.805	TOTAL STATE	520.796	7192.196
(A1+C1+C4+(B1-B6))					
2) Hydro	21.710	217.469			
(A2+C2)					
3) Gas	9.862	132.360			
(A3+B7+C3)					
4) Wind	7.690	206.669			
6) SOLAR	6.000	105.815			
TOTAL STATE	343.418	4908.118			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	6676	6750	6409	6626
MSPGCL Hydro	791	642	1843	230
MSPGCL Gas	227	226	219	253
MSPGCL Total Generation	7694	7618	8471	7109
Central Sector Receipt	9348	8998	6533	6072
WIND	387	364	288	220
CPP / IPP Thermal	5000	5103	5210	4461
CPP / IPP Gas	0	0	0	0
SOLAR	990	871	0	0
Exchange with Mumbai	-1321	-1370	-1218	-905
MSEDCL DEMAND MET	22098	21584	19284	16957
Load Shedding	0	0	0	0
MSEDCL DEMAND	22098	21584	19284	16957
TPCL GENERATION	1296	1260	1234	787
AEML GENERATION	500	476	449	389
MUMBAI DEMAND	3117	3106	2901	2081
STATE DEMAND MET	25215	24690	22185	19038
STATE DEMAND	25215	24690	22185	19038
Frequency (Hz)	50.03	50.00	50.01	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06:02 Hrs	49.78 Hz at 13:41 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 15/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.82	51.14	175	120
Unit 7	0.00	0.00	0	0
Unit 8	0.00	112.09	0	0
Unit 9	13.62	191.56	592	543
Unit 10	12.92	187.41	553	510
Total	30.37	542.19		
Bhusawal				
Unit 3	4.11	51.47	180	125
Unit 4	11.20	149.98	500	420
Unit 5	10.81	145.69	490	420
Total	26.12	347.14		
Parli				
Unit 6	5.18	45.77	242	167
Unit 7	3.30	61.46	241	79
Unit 8	4.44	63.15	203	153
Total	12.92	170.38		
Chandrapur				
Unit 3	3.29	32.44	145	120
Unit 4	3.12	47.00	136	116
Unit 5	8.84	122.20	380	350
Unit 6	0.00	0.00	0	0
Unit 7	8.91	120.08	405	324
Unit 8	9.99	139.12	441	391
Unit 9	10.65	143.96	450	432
Total	44.81	604.81		
Paras				
Unit 3	5.48	8.42	254	147
Unit 4	5.52	59.23	252	150
Total	11.01	67.65		
Khaparkheda				
Unit 1	3.54	44.14	160	120
Unit 2	3.48	47.52	165	110
Unit 3	3.50	46.67	176	33
Unit 4	4.11	51.59	178	125
Unit 5	11.72	133.17	495	460
Total	26.34	323.08		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.09	19.94	150	118
Unit 5	2.79	49.08	190	0
Total	5.88	69.03		
Uran				
All Units	5.54	81.66	254	215
Total	5.54	81.66		
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)	0.36	6.61	40	0
Total	0.36	6.61		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.92	47.84	515	45
Stage 4	4.53	24.31	1006	0
Stage 3	2.28	15.92	160	0
Total	11.73	88.08		
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.	0.16	2.80	77	0
SMLHY_PTN	4.45	72.07	193	176
GHATGHAR	0.00	2.65	0	0
Total	4.61	79.10		
Wind				
Total	7.69	206.67	0	0
Total	7.69	206.67		
CPP				
APML(Mus)	35.97	793.30	0	0
JSWEL(Mus)	14.15	206.52	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.59	299.13	0	0
SWPGPL-Mus	9.14	102.54	0	0
Other(Mus)	31.55	400.50	0	0
Total	116.40	1802.00		
SOLAR				
Total	6.00	105.82	0	0
Total	6.00	105.82		
Tata				
Trombay 5	8.84	107.80	471	250
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	30.30	114	113
Trombay 7B	1.60	20.39	67	66
Trombay 8	5.02	69.33	221	166
TATA Hydro	5.37	50.29	454	0
Total	23.55	278.10		
AEML				
DTPS U-1&2	10.44	142.40	500	371
Total	10.44	142.40		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.45	2124.29	MSPGCL Total	179.34	2373.13
			MSPGCL Thml+Gas	162.99	2205.95	Koyna 1,2 & 4 Total	9.46	72.16
			MSPGCL Hydro	16.34	167.18	State Total	343.42	4908.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	6481	238	242	6961	213	4499	0	0	6433	6163	-1009	16827	0	16827	2221	19048	50.01
2	6626	230	253	7109	220	4461	0	0	6379	6072	-905	16957	0	16957	2081	19038	49.94
3	6823	237	233	7293	218	4494	0	0	6317	6068	-917	17156	0	17156	1969	19125	49.96
4	6706	229	243	7178	244	4467	0	0	6684	6247	-861	17275	0	17275	1875	19150	49.94
5	6728	241	233	7202	259	4473	0	0	6775	6564	-859	17639	0	17639	1859	19498	50.00
6	6782	297	243	7322	292	4483	0	0	7032	7294	-878	18513	0	18513	1919	20432	50.03
7	6777	512	254	7543	289	4462	0	13	7461	7653	-916	19044	0	19044	2003	21047	50.03
8	6726	1006	233	7965	266	4577	0	127	7665	7880	-1041	19774	0	19774	2170	21944	49.98
9	6722	1216	242	8180	278	4687	0	362	7734	7948	-1264	20191	0	20191	2470	22661	49.97
10	6747	1262	231	8240	304	4773	0	610	8289	8299	-1234	20992	0	20992	2798	23790	50.02
11	6784	828	228	7840	360	4881	0	794	9436	9266	-1254	21887	0	21887	3035	24922	50.02
12	6676	791	227	7694	387	5000	0	990	9588	9348	-1321	22098	0	22098	3117	25215	50.03
13	6750	642	226	7618	364	5103	0	871	9363	8998	-1370	21584	0	21584	3106	24690	50.00
14	6607	422	224	7253	346	5086	0	858	9253	8961	-1248	21256	0	21256	3000	24256	49.91
15	6436	427	226	7089	353	5049	0	714	9572	9477	-1313	21369	0	21369	3034	24403	50.02
16	6430	533	215	7178	336	5055	0	436	9341	9286	-1272	21019	0	21019	3043	24062	50.00
17	6369	846	217	7432	335	5027	0	197	8197	8243	-1222	20012	0	20012	2989	23001	50.00
18	6360	1431	218	8009	205	5080	0	28	6841	6767	-1178	18911	0	18911	2894	21805	49.96
19	6409	1843	219	8471	288	5210	0	0	6550	6533	-1218	19284	0	19284	2901	22185	50.01
20	6549	1287	230	8066	312	5156	0	0	6632	6261	-1176	18619	0	18619	2810	21429	49.99
21	6532	423	231	7186	421	5096	0	0	6574	5831	-1070	17464	0	17464	2666	20130	50.02
22	6162	398	222	6782	420	5129	0	0	6169	6042	-1191	17182	0	17182	2536	19718	50.03
23	6041	418	232	6691	441	5059	0	0	6162	6258	-1297	17152	0	17152	2451	19603	50.01
24	6227	585	222	7034	539	5094	0	0	6185	5919	-1343	17243	0	17243	2401	19644	49.97
MUs	157.45	16.34	5.54	179.34	7.69	116.40	0.00	6.00	180.63	177.38	-27.36	459.45	0.00	459.45	61.35	520.80	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 15/Nov/2021

Position as on 6.30 Hrs of 16/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	Adani U-3	660	12/11/2021	09.34	15/11/2021	07.07	Clinkering Issue in Boiler	
IPP	RPL(AMT) U-4	270	13/11/2021	07.16		Continued.	WITHDRAWN DUE TO BOTTOM ASH PROBLEM.	
MSPGCL	Khaparkheda Unit 3	210	13/11/2021	21.46	15/11/2021	00.16	Boiler Tube Leakage	
IPP	Adani U-5	660	14/11/2021	21.18		Continued.	MS Drain Bonnet Leakage.	
MSPGCL	Nasik Unit 5	210	15/11/2021	13.22	15/11/2021	18.45	Turbine protection.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 16/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
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.
Khadka-Aurangabad (Waluj)	IntraState	12/11/2021	20.55	15/11/2021	11.02	HT	Y Phase Breaker pole Burst at 400KV Aurangabad(Line continued for Over Voltage from 21.56Hrs)
Jaigad-New Koyna Ckt-I	IntraState	15/11/2021	08.57	15/11/2021	19.58	PO	RTV coating on bay equipment like CT/PT at Jaigad end.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2021	03.45	15/11/2021	15.32	T	NDR.
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)
BADNERA - WARDHA (PG) (Deoli)	InterState	15/11/2021	09.51	15/11/2021	20.37	PO	Replacement of faulty disc insulator string.
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.
Sawantwadi-Bidri	IntraState	12/11/2021	21.15		Continued.	HT	Over Voltage
Karad - Kadegaon	IntraState	15/11/2021	11.22	15/11/2021	14.36	EO	B-phase LA replacement.
Maisal-Jath I	IntraState	15/11/2021	14.50	15/11/2021	16.10	PO	C And tan delta measurement.
Talandge(400)- Mudshingi 2 Line	IntraState	15/11/2021	15.47	15/11/2021	18.56	PO	Quarterly Maintainance Work
Sawantwadi-Bidri	IntraState	15/11/2021	22.03		Continued.	HT	Over Voltage
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
220/33kV 100 MVA Transformer 4 @Aarey R/S	IntraState	15/11/2021	08.42	15/11/2021	22.07	PO	Replacement of NGT.
220/22 Kv 50 Mva Areva Ptr 2 @Mulund	IntraState	15/11/2021	08.49	15/11/2021	18.27	PO	Diagnostic testing work.
220/33 Kv 50 Mva Emco Ptr 1 @Kharghar	IntraState	15/11/2021	08.59	15/11/2021	18.11	PO	For replacement of REF relay & Master trip relay under MTAMC project

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