

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Nov/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	154.020	1966.836	1) Gujrat	-7.911	-100.753
2) Hydro	7.087	150.841	2) Madhya Pradesh	3.854	82.719
3) Gas	5.628	76.120	3) Chattisgarh	0.000	72.220
Total MSPGCL	166.735	2193.797	4) Maharashtra	176.499	2073.348
B) 1) APLM	40.087	757.339	5) Goa (Amona)	-0.809	-20.833
2) JSWEL	13.806	192.370	Total	171.633	2106.701
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.369	381.037
4) RPL(AMT)	25.591	273.546	b) Mumbai Drawl	22.691	391.898
5) SWPGPL	9.159	93.393	c) MSEDCL Bilateral *	57.743	626.189
6) Other IPP	30.628	368.948	Include PX	19.116	126.331
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.369	381.037
C) 1) TPCL Thermal	12.853	163.262	Include PX	12.017	240.331
2) TPCL Hydro	1.505	44.918	Standby	0.000	0.000
3) TPCL Gas	4.320	46.378	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.352	131.955	1) MSEDCL	448.205	5892.990
D) STATE			2) Mumbai Discoms	51.721	778.410
1) Thermal	296.496	3947.649	TOTAL STATE	499.926	6671.400
(A1+C1+C4+(B1-B6))					
2) Hydro	8.592	195.759			
(A2+C2)					
3) Gas	9.948	122.498			
(A3+B7+C3)					
4) Wind	7.292	198.979			
6) SOLAR	5.965	99.815			
TOTAL STATE	328.293	4564.700			

* 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 23 Hrs
MSPGCL Thermal	6503	6698	6644	6218
MSPGCL Hydro	540	234	616	257
MSPGCL Gas	229	226	219	242
MSPGCL Total Generation	7272	7158	7479	6717
Central Sector Receipt	8717	8605	6831	6030
WIND	287	231	113	251
CPP / IPP Thermal	5066	5049	5107	4433
CPP / IPP Gas	0	0	0	0
SOLAR	850	838	0	0
Exchange with Mumbai	-979	-916	-1040	-1053
MSEDCL DEMAND MET	21213	20965	18490	16378
Load Shedding	0	0	0	0
MSEDCL DEMAND	21213	20965	18490	16378
TPCL GENERATION	806	927	935	814
AEML GENERATION	471	497	387	456
MUMBAI DEMAND	2256	2340	2362	2323
STATE DEMAND MET	23469	23305	20852	18701
STATE DEMAND	23469	23305	20852	18701
Frequency (Hz)	49.99	50.01	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.02 Hrs	49.81 Hz at 09.38 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 14/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.20	47.32	180	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	112.09	0	0
Unit 9	13.59	177.94	585	545
Unit 10	12.96	174.48	568	520
Total	29.75	511.83		
Bhusawal				
Unit 3	3.98	47.36	175	130
Unit 4	11.49	138.78	500	455
Unit 5	11.48	134.88	500	455
Total	26.96	321.02		
Parli				
Unit 6	5.27	40.59	249	160
Unit 7	4.33	58.17	238	123
Unit 8	4.63	58.71	206	155
Total	14.23	157.46		
Chandrapur				
Unit 3	3.24	29.15	146	121
Unit 4	2.99	43.89	132	117
Unit 5	8.77	113.36	380	325
Unit 6	0.00	0.00	0	0
Unit 7	8.48	111.17	380	300
Unit 8	9.98	129.13	425	394
Unit 9	10.54	133.31	448	432
Total	44.00	560.00		
Paras				
Unit 3	2.94	2.94	240	0
Unit 4	5.36	53.70	249	158
Total	8.30	56.64		
Khaparkheda				
Unit 1	3.34	40.60	155	115
Unit 2	3.80	44.04	165	120
Unit 3	0.00	43.17	0	0
Unit 4	4.03	47.48	176	135
Unit 5	11.89	121.45	500	480
Total	23.07	296.74		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.85	16.85	193	120
Unit 5	3.86	46.29	190	120
Total	7.71	63.14		
Uran				
All Units	5.63	76.12	245	215
Total	5.63	76.12		
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)	0.18	6.25	40	0
Total	0.18	6.25		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.14	42.92	330	40
Stage 4	0.22	19.78	124	0
Stage 3	0.08	13.64	66	0
Total	2.44	76.35		
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.	0.12	2.64	77	0
SMLHY_PTN	4.53	67.62	198	178
GHATGHAR	0.00	2.65	0	0
Total	4.65	74.50		
Wind				
Total	7.29	198.98	0	0
Total	7.29	198.98		
CPP				
APML(Mus)	40.09	757.34	0	0
JSWEL(Mus)	13.81	192.37	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.59	273.55	0	0
SWPGPL-Mus	9.16	93.39	0	0
Other(Mus)	30.63	368.95	0	0
Total	119.27	1685.60		
SOLAR				
Total	5.96	99.82	0	0
Total	5.96	99.82		
Tata				
Trombay 5	8.01	98.96	443	253
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	27.58	117	112
Trombay 7B	1.60	18.80	68	66
Trombay 8	4.84	64.30	219	162
TATA Hydro	1.50	44.92	238	0
Total	18.68	254.56		
AEMIL				
DTPS U-1&2	10.35	131.96	500	371
Total	10.35	131.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	154.02	1966.84	MSPGCL Total	166.74	2193.80
			MSPGCL Thml+Gas	159.65	2042.96	Koyna 1,2 & 4 Total	2.36	62.70
			MSPGCL Hydro	7.09	150.84	State Total	328.29	4564.70

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	5719	388	244	6351	484	4920	0	0	5967	6372	-1038	17089	0	17089	2110	19199	50.00
2	6138	304	244	6686	526	5021	0	0	5988	5826	-951	17108	0	17108	1990	19098	49.98
3	6321	229	244	6794	581	5018	0	0	5907	5710	-882	17221	0	17221	1890	19111	50.02
4	6358	228	245	6831	586	5014	0	0	5819	5763	-835	17359	0	17359	1822	19181	50.00
5	6366	230	244	6840	562	5007	0	0	6320	6437	-806	18040	0	18040	1793	19833	50.00
6	6442	233	245	6920	517	5018	0	0	6646	7041	-833	18663	0	18663	1848	20511	49.98
7	6465	234	245	6944	370	5013	0	6	7523	7384	-817	18900	0	18900	1857	20757	50.02
8	6435	233	245	6913	272	5045	0	142	7755	7718	-828	19262	0	19262	1887	21149	50.00
9	6579	243	244	7066	296	5045	0	394	7613	7465	-940	19326	0	19326	1993	21319	49.98
10	6422	357	230	7009	308	5043	0	640	8260	8288	-1004	20284	0	20284	2126	22410	49.92
11	6503	540	229	7272	287	5066	0	850	8726	8717	-979	21213	0	21213	2256	23469	49.99
12	6461	356	227	7044	242	5043	0	832	9017	8710	-901	20970	0	20970	2328	23298	50.00
13	6698	234	226	7158	231	5049	0	838	8675	8605	-916	20965	0	20965	2340	23305	50.01
14	6709	239	215	7163	190	5044	0	859	8448	8211	-884	20584	0	20584	2292	22876	50.02
15	6490	230	225	6945	188	5049	0	718	8942	8859	-976	20783	0	20783	2300	23083	49.99
16	6538	230	225	6993	166	5066	0	469	9043	8293	-888	20098	0	20098	2298	22396	49.97
17	6680	236	216	7132	150	5064	0	198	7925	7530	-815	19259	0	19259	2257	21516	50.02
18	6677	231	228	7136	108	5072	0	19	6730	6672	-778	18230	0	18230	2238	20468	50.03
19	6644	616	219	7479	113	5107	0	0	6606	6831	-1040	18490	0	18490	2362	20852	50.02
20	6614	440	241	7295	164	5083	0	0	6651	6486	-1118	17910	0	17910	2383	20293	50.02
21	6172	245	241	6658	201	4973	0	0	6561	6457	-1248	17041	0	17041	2370	19411	50.00
22	6086	313	231	6630	224	4602	0	0	6161	6162	-1141	16477	0	16477	2348	18825	49.97
23	6218	257	242	6717	251	4433	0	0	6086	6030	-1053	16378	0	16378	2323	18701	50.00
24	6285	241	233	6759	275	4475	0	0	6263	6066	-1020	16555	0	16555	2310	18865	50.00
MUs	154.02	7.09	5.63	166.74	7.29	119.27	0.00	5.96	173.63	171.63	-22.69	448.20	0.00	448.20	51.72	499.93	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 14/Nov/2021

Position as on 6.30 Hrs of 15/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	Paras Unit 3	250	27/10/2021	19.05	14/11/2021	07.22	Air heater problem	
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		Continued.	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	
MSPGCL	Koradi Unit 6	210	14/11/2021	00.54	14/11/2021	04.31	Flame Failure	
IPP	Adani U-5	660	14/11/2021	21.18		Continued.	MS Drain Bonnet Leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 15/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 Hvd 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		Continued.	HT	Y Phase Breaker pole Burst at 400KV Aurangabad(Line continued for Over Voltage from 21.56Hrs)
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2021	03.45		Continued.	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)
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
Washala - Ghatghar	IntraState	13/11/2021	05.30	14/11/2021	20.40	PO	Samruddhi Highway work
Nalasopara-Boisar	IntraState	13/11/2021	22.46	14/11/2021	08.05	EO	INSULATOR STRING REPLACEMENT.
Kharghar-Borivali ckt II	IntraState	14/11/2021	02.32	14/11/2021	09.09	T	Y PH LA Burst.
Chikhli-Jalna-II	IntraState	14/11/2021	06.13	14/11/2021	13.11	HT	To Control overloading Of Akola ICT as U3 Not Available & U4 Less Gen 85MW.
Chikhli-Jalna-I	IntraState	14/11/2021	06.13	14/11/2021	13.11	HT	To Control overloading Of Akola ICT as U3 Not Available & U4 Less Gen 85MW.
Pedhambe - Oni	IntraState	14/11/2021	07.30	14/11/2021	12.02	HT	Main bus outage.
Adlabs - Pedambe	IntraState	14/11/2021	07.35	14/11/2021	13.05	HT	Main bus outage.
Pedambe-Nerle	IntraState	14/11/2021	07.40	14/11/2021	18.45	HT	Main bus outage.
Main bus section-II @ Pedambe	IntraState	14/11/2021	08.00	14/11/2021	11.58	PO	For Attending 50MVA Transformer No.2, main bus Isolator, B-PH male arm with support insulator Replacement Work.
Pophali - Pedambe II	IntraState	14/11/2021	08.10	14/11/2021	12.00	HT	Main bus outage.
Raymond - Washala	IntraState	14/11/2021	09.00	14/11/2021	12.27	PO	Dismantling of existing in line tower At loc no.14 & stringing between loc.no.13 to 15.
Vita - Miraj	IntraState	14/11/2021	09.27	14/11/2021	19.28	EO	To attend Auxiliary Isolator Alignment work.
Oni Kharepatan Line	IntraState	14/11/2021	09.52	14/11/2021	12.02	T	Backup Protection
Kharepatan -Pawas Line	IntraState	14/11/2021	09.52	14/11/2021	12.05	T	Backup Protection
New Koyna - Niwali	IntraState	14/11/2021	09.52	14/11/2021	10.24	T	Backup Protection
Niwali - Pawas Line	IntraState	14/11/2021	09.52	14/11/2021	12.07	T	Distance Protection
New Koyna - Niwali	IntraState	14/11/2021	10.32	14/11/2021	14.53	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	14/11/2021	14.51	14/11/2021	15.34	T	Distance Protection
Karad - Kadegaon	IntraState	14/11/2021	15.37	14/11/2021	18.56	T	B-PH LA Burst At Karad End.

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 14/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 15/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							
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	11/11/2021	22.15		Continued.	HT	Due to differential relay faulty
Dharavi : 220 / 110 / 33 250 MVA ICT 10	IntraState	14/11/2021	14.06	14/11/2021	17.50	PO	Project Work. Destrining of TD#1 line conductors from A2+20 structure to adjacent tower.

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