

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Nov/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.696	1812.816	1) Gujrat	-6.786	-92.842
2) Hydro	16.703	143.754	2) Madhya Pradesh	7.144	78.865
3) Gas	5.700	70.492	3) Chattisgarh	2.000	72.220
Total MSPGCL	172.099	2027.062	4) Maharashtra	167.213	1896.849
B) 1) APLM	40.562	717.252	5) Goa (Amona)	-1.366	-20.024
2) JSWEL	13.990	178.564	Total	168.205	1935.068
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.575	357.668
4) RPL(AMT)	22.618	247.955	b) Mumbai Drawl	25.007	369.207
5) SWPGPL	8.667	84.234	c) MSEDCL Bilateral *	54.417	568.447
6) Other IPP	30.375	338.320	Include PX	17.376	107.215
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.575	357.668
C) 1) TPCL Thermal	12.419	150.409	Include PX	12.003	228.314
2) TPCL Hydro	2.085	43.413	Standby	0.000	0.000
3) TPCL Gas	4.305	42.058	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.415	121.603	1) MSEDCL	448.828	5444.785
D) STATE			2) Mumbai Discoms	54.231	726.689
1) Thermal	288.742	3651.153	TOTAL STATE	503.059	6171.474
(A1+C1+C4+(B1-B6))					
2) Hydro	18.788	187.167			
(A2+C2)					
3) Gas	10.005	112.550			
(A3+B7+C3)					
4) Wind	11.427	191.687			
6) SOLAR	5.892	93.850			
TOTAL STATE	334.854	4236.407			

* 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 1 Hrs
MSPGCL Thermal	6368	6392	6431	5483
MSPGCL Hydro	853	846	1742	236
MSPGCL Gas	228	226	230	245
MSPGCL Total Generation	7449	7464	8403	5964
Central Sector Receipt	9102	8847	6354	5737
WIND	359	280	216	939
CPP / IPP Thermal	4791	4786	5045	4385
CPP / IPP Gas	0	0	0	0
SOLAR	897	890	0	0
Exchange with Mumbai	-1073	-1063	-1060	-985
MSEDCL DEMAND MET	21525	21204	18958	16040
Load Shedding	0	0	0	0
MSEDCL DEMAND	21525	21204	18958	16040
TPCL GENERATION	1094	1078	1089	629
AEML GENERATION	500	500	470	387
MUMBAI DEMAND	2667	2641	2619	2001
STATE DEMAND MET	24192	23845	21577	18041
STATE DEMAND	24192	23845	21577	18041
Frequency (Hz)	49.96	49.89	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 14.01 Hrs	49.68 Hz at 16.56 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 13/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.90	44.12	190	115
Unit 7	0.00	0.00	0	0
Unit 8	0.00	112.09	0	0
Unit 9	13.83	164.34	625	545
Unit 10	13.15	161.53	578	505
Total	30.88	482.08		
Bhusawal				
Unit 3	3.92	43.38	180	120
Unit 4	10.46	127.30	480	400
Unit 5	10.12	123.40	450	400
Total	24.49	294.07		
Parli				
Unit 6	5.25	35.32	250	159
Unit 7	4.78	53.84	234	133
Unit 8	4.46	54.08	205	160
Total	14.50	143.23		
Chandrapur				
Unit 3	3.07	25.91	135	115
Unit 4	3.10	40.90	136	110
Unit 5	8.48	104.59	372	310
Unit 6	0.00	0.00	0	0
Unit 7	8.93	102.68	400	288
Unit 8	9.33	119.14	400	383
Unit 9	9.84	122.77	444	377
Total	42.74	515.99		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.21	48.34	251	144
Total	5.21	48.34		
Khaparkheda				
Unit 1	3.52	37.26	155	115
Unit 2	2.72	40.24	160	85
Unit 3	3.01	43.17	150	0
Unit 4	3.94	43.44	177	124
Unit 5	11.58	109.56	500	335
Total	24.77	273.66		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.08	13.00	195	0
Unit 5	4.03	42.43	191	122
Total	7.11	55.44		
Uran				
All Units	5.70	70.49	256	225
Total	5.70	70.49		
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)	0.11	6.08	25	0
Total	0.11	6.08		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.67	40.78	490	40
Stage 4	5.55	19.56	1014	0
Stage 3	2.50	13.56	240	0
Total	11.72	73.91		
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.	0.20	2.52	77	0
SMLHY_PTN	4.78	63.09	210	189
GHATGHAR	0.00	2.65	0	0
Total	4.98	69.84		
Wind				
Total	11.43	191.69	0	0
Total	11.43	191.69		
CPP				
APML(Mus)	40.56	717.25	0	0
JSWEL(Mus)	13.99	178.56	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.62	247.96	0	0
SWPGPL-Mus	8.67	84.23	0	0
Other(Mus)	30.38	338.32	0	0
Total	116.21	1566.32		
SOLAR				
Total	5.89	93.85	0	0
Total	5.89	93.85		
Tata				
Trombay 5	7.72	90.95	474	251
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.71	24.86	115	111
Trombay 7B	1.59	17.20	68	65
Trombay 8	4.70	59.46	221	136
TATA Hydro	2.08	43.41	269	0
Total	18.81	235.88		
AEML				
DTPS U-1&2	10.42	121.60	502	371
Total	10.42	121.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.70	1812.82	MSPGCL Total	172.10	2027.06
			MSPGCL Thml+Gas	155.40	1883.31	Koyna 1,2 & 4 Total	9.22	60.35
			MSPGCL Hydro	16.70	143.75	State Total	334.85	4236.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	5483	236	245	5964	939	4385	0	0	5741	5737	-985	16040	0	16040	2001	18041	50.00
2	5643	247	235	6125	886	4514	0	0	5730	5640	-878	16287	0	16287	1874	18161	50.00
3	5947	233	246	6426	824	4853	0	0	5690	5382	-815	16670	0	16670	1786	18456	50.03
4	6113	242	256	6611	803	4970	0	0	5665	5111	-749	16746	0	16746	1716	18462	50.04
5	6236	232	236	6704	817	4938	0	0	5899	5581	-734	17306	0	17306	1706	19012	49.99
6	6310	246	247	6803	878	5002	0	0	6346	6387	-757	18313	0	18313	1770	20083	49.97
7	6342	246	246	6834	859	4946	0	8	6917	6844	-784	18707	0	18707	1808	20515	50.00
8	6401	645	256	7302	682	4789	0	141	7005	7488	-866	19536	0	19536	1911	21447	49.98
9	6403	800	234	7437	488	4756	0	382	7347	7541	-1046	19558	0	19558	2106	21664	49.99
10	6415	1537	242	8194	378	4750	0	673	7829	7929	-1326	20598	0	20598	2354	22952	50.00
11	6440	1545	229	8214	383	4764	0	885	8831	8161	-1102	21305	0	21305	2573	23878	49.99
12	6368	853	228	7449	359	4791	0	897	9278	9102	-1073	21525	0	21525	2667	24192	49.96
13	6392	846	226	7464	280	4786	0	890	9097	8847	-1063	21204	0	21204	2641	23845	49.89
14	6391	860	226	7477	220	4754	0	783	8854	8978	-1098	21114	0	21114	2556	23670	50.03
15	6370	744	225	7339	181	4777	0	625	9456	9548	-1295	21175	0	21175	2576	23751	50.01
16	6439	659	226	7324	205	4800	0	414	9200	9012	-1206	20549	0	20549	2594	23143	49.99
17	6447	983	227	7657	185	4875	0	176	7892	7530	-1045	19378	0	19378	2568	21946	49.91
18	6435	1488	238	8161	220	4929	0	18	6834	6509	-1050	18787	0	18787	2539	21326	49.90
19	6431	1742	230	8403	216	5045	0	0	6388	6354	-1060	18958	0	18958	2619	21577	50.02
20	6382	1027	231	7640	210	4999	0	0	6766	6744	-1292	18301	0	18301	2570	20871	50.04
21	6322	446	252	7020	284	5013	0	0	6589	6023	-1270	17070	0	17070	2476	19546	49.95
22	6071	333	232	6636	355	4993	0	0	6247	6020	-1275	16729	0	16729	2368	19097	49.99
23	5923	261	244	6428	359	4974	0	0	5945	6011	-1159	16613	0	16613	2257	18870	50.01
24	5992	252	243	6487	416	4809	0	0	5868	5726	-1079	16359	0	16359	2195	18554	50.01
MUs	149.70	16.70	5.70	172.10	11.43	116.21	0.00	5.89	171.41	168.21	-25.01	448.83	0.00	448.83	54.23	503.06	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 13/Nov/2021

Position as on 6.30 Hrs of 14/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	13/11/2021	16.02	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	14/11/2021	07.22	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	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		Continued.	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 13/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 14/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							
765/400KV 1500MVA ICT-II @ Koradi-III	IntraState	13/11/2021	09.09	13/11/2021	16.00	PO	Annual Maintenance of bay equipment.
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		Continued.	HT	Y Phase Breaker pole Burst at 400KV Aurangabad(Line continued for Over Voltage from 21.56Hrs)
N.Koyna-Karad -Ckt II	IntraState	13/11/2021	08.24	13/11/2021	16.58	PO	Cold washing work on disc insulators.
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 3 @Dhule	IntraState	13/11/2021	10.17	13/11/2021	13.04	PO	501 MVA ICT-1 B PH Main conservator tank oil level low alarm operated @03:41 hrs on dt.12.11.2021, and it is still persist. so for oil filling.
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	13/11/2021	10.06	13/11/2021	15.01	PO	replacement Of Flashover Insulator LOC NO- 339 Y&B & Hot spot Attending Loc no.294 B-PH.
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.
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
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	12/11/2021	23.53	13/11/2021	00.11	T	Master Trip Operated.
Washala - Ghatghar	IntraState	13/11/2021	05.30	14/11/2021	20.40	PO	Samruddhi Highway work
Wardha-Dhamangaon	IntraState	13/11/2021	09.04	13/11/2021	13.31	PO	Outage For Measurement of C & Tan Delta Of CTs & CCS,CRM Timing & IR Of CB Of Wardha Bay & Quarterly routine maintenance Work Etc.
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	13/11/2021	10.16	13/11/2021	15.54	PO	isolator Alignment Work, TBC-2 Trials & Bay maintenance.
Mahad-Kandalgaon	IntraState	13/11/2021	11.07	13/11/2021	19.37	PO	Birdguard checking and fixing work. Insulator cleaning work & Line maintenance work
Kandalgaon - Pirangut	IntraState	13/11/2021	11.48	13/11/2021	20.10	HT	Emergency Restraining of conductors from loc 110-112,101-102 & 107-108 due to low ground clearance.
Miraj-Ichalkaranji I	IntraState	13/11/2021	12.35	13/11/2021	19.25	EO	Attending Hot Spot & Quarterly Maintenance Work.
REL Borivali Aarey Line	IntraState	13/11/2021	13.12	13/11/2021	15.01	PO	Outage is availed for safety purpose while working on 33 kv R-Phase on VAB 48 & 66 for MMRDA/NCC/DMRC 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 13/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 14/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Shivajinagar - Malegaon	IntraState	13/11/2021	16.20	13/11/2021	18.57	EO	Emergency outage for attending Red hot spot Y-Phase towards shivajinagar at loc no 85.
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-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.
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.
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
Niwali - Pawas Line	IntraState	14/11/2021	09.52	14/11/2021	12.07	T	Distance Protection
New Koyna - Niwali	IntraState	14/11/2021	09.52	14/11/2021	10.24	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	10.32	14/11/2021	14.53	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableswhar 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.
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 200 Mva Vijay Ict 1 @Chaligaon	IntraState	13/11/2021	11.10	13/11/2021	13.03	PO	Attending Oil Leakage Below Y-PH Bushing.
220/132 Kv Ict 2 200 Mva @Parbhani	IntraState	13/11/2021	11.50	13/11/2021	17.00	PO	diagnostic Testing Work. HV LV CT, Winding, Bushing Tan-D & Routine Bay maintenance Work.
220/33KV 100MVA ICT-1@Anjangaon	IntraState	13/11/2021	13.33	13/11/2021	15.20	EO	Attending Hot Spot
Dharavi : 220 / 110 / 33 250 MVA ICT 10	IntraState	14/11/2021	14.06	14/11/2021	17.50	PO	Project Work. Destraining 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