

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Nov/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.456	1520.926	1) Gujrat	-7.845	-78.277
2) Hydro	10.762	115.313	2) Madhya Pradesh	5.128	66.344
3) Gas	3.984	59.792	3) Chattisgarh	5.190	64.940
Total MSPGCL	154.202	1696.031	4) Maharashtra	144.009	1570.502
B) 1) APML	53.029	636.367	5) Goa (Amona)	-1.543	-17.318
2) JSWEL	14.434	150.565	Total	144.939	1606.191
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.163	307.432
4) RPL(AMT)	23.351	200.677	b) Mumbai Drawl	28.994	317.016
5) SWPGPL	8.230	67.076	c) MSEDCL Bilateral *	40.362	469.870
6) Other IPP	28.454	278.356	Include PX	4.363	81.679
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.163	307.432
C) 1) TPCL Thermal	11.000	127.051	Include PX	14.870	203.942
2) TPCL Hydro	3.692	37.626	Standby	0.000	0.000
3) TPCL Gas	2.695	34.201	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.740	101.771	1) MSEDCL	434.106	4560.101
D) STATE			2) Mumbai Discoms	55.121	617.664
1) Thermal	286.694	3082.789	TOTAL STATE	489.227	5177.765
(A1+C1+C4+(B1-B6))					
2) Hydro	14.454	152.939			
(A2+C2)					
3) Gas	6.679	93.993			
(A3+B7+C3)					
4) Wind	29.728	160.768			
6) SOLAR	6.733	81.086			
TOTAL STATE	344.288	3571.575			

* 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	6256	6203	6146	4969
MSPGCL Hydro	338	366	700	246
MSPGCL Gas	172	166	138	154
MSPGCL Total Generation	6766	6735	6984	5369
Central Sector Receipt	7432	7007	6551	5565
WIND	1708	1238	859	1388
CPP / IPP Thermal	5590	5520	5645	4319
CPP / IPP Gas	0	0	0	0
SOLAR	957	958	0	0
Exchange with Mumbai	-1443	-1517	-1294	-1252
MSEDCL DEMAND MET	21010	19941	18745	15389
Load Shedding	0	0	0	0
MSEDCL DEMAND	21010	19941	18745	15389
TPCL GENERATION	845	808	957	531
AEML GENERATION	405	377	447	296
MUMBAI DEMAND	2693	2702	2698	2079
STATE DEMAND MET	23703	22643	21443	17468
STATE DEMAND	23703	22643	21443	17468
Frequency (Hz)	49.99	50.04	50.04	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 19.00 Hrs	49.72 Hz at 07.15 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 11/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.75	36.32	185	115
Unit 7	0.00	0.00	0	0
Unit 8	0.00	112.09	0	0
Unit 9	13.34	136.86	599	529
Unit 10	13.04	135.57	570	519
Total	30.12	420.82		
Bhusawal				
Unit 3	3.64	35.83	180	125
Unit 4	9.96	106.30	455	315
Unit 5	9.96	102.96	470	280
Total	23.56	245.08		
Parli				
Unit 6	4.89	25.82	246	163
Unit 7	4.20	44.81	220	148
Unit 8	4.48	45.10	221	152
Total	13.58	115.72		
Chandrapur				
Unit 3	0.00	21.11	0	0
Unit 4	3.12	35.01	145	116
Unit 5	8.40	87.71	390	290
Unit 6	0.00	0.00	0	0
Unit 7	8.66	85.11	407	287
Unit 8	9.54	99.94	425	364
Unit 9	9.94	103.21	450	335
Total	39.67	432.10		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.89	38.28	250	146
Total	4.89	38.28		
Khaparkheda				
Unit 1	3.19	30.32	155	110
Unit 2	3.52	34.74	170	115
Unit 3	3.12	36.53	184	0
Unit 4	3.37	36.07	167	123
Unit 5	10.85	86.76	500	280
Total	24.06	224.42		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	9.93	0	0
Unit 5	3.58	34.57	190	119
Total	3.58	44.50		
Uran				
All Units	3.98	59.79	224	130
Total	3.98	59.79		
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)	0.34	5.68	28	0
Total	0.34	5.68		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.15	32.61	475	40
Stage 4	1.66	12.87	430	0
Stage 3	1.14	9.81	160	0
Total	5.95	55.30		
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	2.08	80	0
SMLHY_PTN	4.58	53.70	199	178
GHATGHAR	0.00	2.65	0	0
Total	4.82	60.02		
Wind				
Total	29.73	160.77	0	0
Total	29.73	160.77		
CPP				
APML(Mus)	53.03	636.37	0	0
JSWEL(Mus)	14.43	150.56	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.35	200.68	0	0
SWPGPL-Mus	8.23	67.08	0	0
Other(Mus)	28.45	278.36	0	0
Total	127.50	1333.04		
SOLAR				
Total	6.73	81.09	0	0
Total	6.73	81.09		
Tata				
Trombay 5	6.49	76.74	293	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.51	20.00	70	58
Trombay 7B	1.19	14.20	53	48
Trombay 8	4.51	50.31	222	153
TATA Hydro	3.69	37.63	384	0
Total	17.39	198.88		
AEML				
DTPS U-1&2	8.74	101.77	447	291
Total	8.74	101.77		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.46	1520.93	MSPGCL Total	154.20	1696.03
			MSPGCL Thml+Gas	143.44	1580.72	Koyna 1,2 & 4 Total	4.81	45.48
			MSPGCL Hydro	10.76	115.31	State Total	344.29	3571.58

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	4943	237	207	5387	1361	4670	0	0	5429	5303	-1133	15588	0	15588	2035	17623	49.98
2	4940	395	217	5552	1364	4701	0	0	5334	5488	-1052	16053	0	16053	1899	17952	49.93
3	5490	256	208	5954	1377	5014	0	0	5068	4636	-905	16076	0	16076	1799	17875	50.00
4	5508	239	198	5945	1358	5138	0	0	4991	4626	-821	16246	0	16246	1732	17978	50.00
5	5728	239	209	6176	1282	5400	0	0	4984	4915	-815	16958	0	16958	1718	18676	50.07
6	6063	310	218	6591	1251	5575	0	0	5287	5101	-821	17697	0	17697	1762	19459	49.99
7	6228	683	147	7058	1309	5630	0	13	5156	5138	-838	18310	0	18310	1825	20135	49.96
8	6307	1261	154	7722	1393	5660	0	182	5244	5374	-892	19439	0	19439	1962	21401	49.85
9	6319	799	152	7270	1313	5639	0	490	5891	5887	-1158	19441	0	19441	2225	21666	50.03
10	6302	637	224	7163	1562	5598	0	796	6536	6818	-1382	20555	0	20555	2497	23052	50.01
11	6256	338	172	6766	1708	5590	0	957	7732	7432	-1443	21010	0	21010	2693	23703	49.99
12	6178	312	158	6648	1480	5578	0	1065	7222	7356	-1490	20637	0	20637	2739	23376	50.03
13	6203	366	166	6735	1238	5520	0	958	6908	7007	-1517	19941	0	19941	2702	22643	50.04
14	5959	397	148	6504	957	5520	0	827	6892	7160	-1493	19475	0	19475	2596	22071	50.04
15	5919	643	136	6698	804	5505	0	709	7449	7663	-1437	19942	0	19942	2634	22576	50.01
16	5994	634	136	6764	713	5526	0	477	7653	7731	-1372	19839	0	19839	2655	22494	49.99
17	6081	276	138	6495	740	5568	0	231	7220	7289	-1274	19049	0	19049	2637	21686	49.97
18	6094	402	138	6634	738	5592	0	28	6459	6467	-1250	18209	0	18209	2618	20827	49.98
19	6146	700	138	6984	859	5645	0	0	6313	6551	-1294	18745	0	18745	2698	21443	50.04
20	6050	444	139	6633	1153	5557	0	0	6462	5643	-1337	17649	0	17649	2611	20260	50.07
21	5493	392	130	6015	1368	5279	0	0	5668	5235	-1356	16541	0	16541	2489	19030	50.04
22	5287	323	153	5763	1468	4819	0	0	5482	5288	-1330	16008	0	16008	2335	18343	50.04
23	4999	233	144	5376	1544	4454	0	0	5545	5266	-1332	15308	0	15308	2181	17489	49.99
24	4969	246	154	5369	1388	4319	0	0	5621	5565	-1252	15389	0	15389	2079	17468	50.01
MUs	139.46	10.76	3.98	154.20	29.73	127.50	0.00	6.73	146.55	144.94	-28.99	434.11	0.00	434.11	55.12	489.23	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 11/Nov/2021

Position as on 6.30 Hrs of 12/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 3	210	04/09/2021	23.58		Continued.	Annual Overhaul	
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		Continued.	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		Continued.	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.	
MSPGCL	Khaparkheda Unit 3	210	11/11/2021	13.04	11/11/2021	15.39	Furnace Pressure High	
MSPGCL	Uran Unit 6	108	11/11/2021	13.59	11/11/2021	23.58	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 12/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
N.Koyna-Karad -Ckt II	IntraState	10/11/2021	09.50	11/11/2021	10.16	PO	Cold washing on Disc Insulator
Khadka-Aurangabad (Waluj)	IntraState	10/11/2021	21.01	11/11/2021	09.59	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/11/2021	00.20		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	11/11/2021	19.31		Continued.	HT	Over Voltage
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
400/220kv 315 Mva ICT III @Karad	IntraState	11/11/2021	09.21	11/11/2021	15.38	PO	Replacement of 220KV side Rph LA due to higher LCM result.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	11/11/2021	11.00	11/11/2021	18.06	PO	Distance Relay Testing Work
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	11/11/2021	14.50	11/11/2021	18.40	EO	Attending Oil Leakage
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	11/11/2021	18.48	11/11/2021	20.00	EO	Attending Hot Spot
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	10/11/2021	21.09	11/11/2021	09.45	HT	Over Voltage
Trombay-Salsette II	IntraState	10/11/2021	23.34	11/11/2021	14.55	PO	Metro project work
Ghatghar - Jindal	IntraState	10/11/2021	23.54	11/11/2021	12.50	T	Over Current Protection
Ghatghar - Bapgaon	IntraState	10/11/2021	23.54	11/11/2021	01.28	T	Backup Protection
Washala - Ghatghar	IntraState	10/11/2021	23.54	11/11/2021	01.25	T	Distance Protection
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	10/11/2021	23.54	11/11/2021	01.40	T	Backup Protection
Nalasopara-Boisar	IntraState	11/11/2021	06.10	11/11/2021	10.06	EO	Insulator Replacement Work
Sawantwadi-Bidri	IntraState	11/11/2021	09.45	11/11/2021	21.04	HT	Over Voltage
Koyna (Pophali) - Kdph	IntraState	11/11/2021	09.50	11/11/2021	18.25	PO	Damaged conductor of B-phase at loc no.11 & 12.
Kharghar-Borivali ckt I	IntraState	11/11/2021	09.55	11/11/2021	19.11	PO	Replacement of distance relay and master trip relay under MTAMC project
Lonikand-VSNL	IntraState	11/11/2021	10.03	11/11/2021	19.14	PO	Replace faulty polymer insulator at location no 52(R ph)due to flashover
Flagship-Chinchwad	IntraState	11/11/2021	10.15	11/11/2021	18.25	PO	Half yearly maintenance work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	11/11/2021	10.20	11/11/2021	17.27	PO	Quarterly Maintenance Work
Shirsuphal-Bhigwan	IntraState	11/11/2021	11.15	11/11/2021	13.52	PO	Replacement of flashover SSN string @loc 73 Bph
Gadchandur-Ultratech I	IntraState	11/11/2021	11.15	11/11/2021	15.57	PO	Diagnostic testing work.
Gangapur-Valve	IntraState	11/11/2021	11.26	11/11/2021	13.58	PO	Diagnostic testing work.
Bableshtar - Bhenda	IntraState	11/11/2021	11.26	11/11/2021	17.00	PO	CT, CB and relay testing
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	11/11/2021	12.39	11/11/2021	16.51	PO	Annual Maintenance Work
Valve-Jamde	IntraState	11/11/2021	14.02	11/11/2021	16.07	PO	Diagnostic testing work.
Nalasopara-Boisar	IntraState	11/11/2021	21.08	12/11/2021	04.22	EO	Insulator Replacement 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 11/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 12/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Trombay-Salsette II	IntraState	11/11/2021	23.34	11/11/2021	14.55	PO	Metro project work.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ptr 4 @Phursungi	IntraState	11/11/2021	09.25	11/11/2021	20.11	PO	Half yearly maintenance of bay, using tan delta, PI measurement and HV, LV CT tan delta testing
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	11/11/2021	09.32		Continued.	PO	Replacement of HV BPI & HV bus isolator RCC structure by lattice structure
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	11/11/2021	10.06	11/11/2021	18.38	PO	Replacement of 220kv B ph CT
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	11/11/2021	11.03	11/11/2021	14.26	PO	TF winding tan delta and bushing tan delta by testing team
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	11/11/2021	22.15		Continued.	HT	Due to differential relay faulty

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