

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Nov/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.120	1691.133	1) Gujrat	-0.092	13.658
2) Hydro	4.152	79.116	2) Madhya Pradesh	4.496	84.238
3) Gas	6.624	86.531	3) Chattisgarh	6.880	87.980
Total MSPGCL	148.896	1856.780	4) Maharashtra	131.737	1642.287
B) 1) APMIL	51.606	797.497	5) Goa (Amona)	-1.314	-14.997
2) JSWEL	19.148	228.993	Total	141.707	1813.166
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.432	277.107
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.325	291.555
5) WPCL	7.373	96.854	c) MSEDCL Bilateral *	29.800	373.861
6) Other IPP	15.915	178.130	Include PX	1.254	5.911
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.432	277.107
C) 1) TPCL Thermal	14.686	193.492	Include PX	8.931	165.070
2) TPCL Hydro	2.084	39.441	Standby	0.000	0.000
3) TPCL Gas	4.402	56.863	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.361	99.314	1) MSEDCL	385.342	4934.087
D) STATE			2) Mumbai Discoms	50.858	680.664
1) Thermal	257.209	3285.413	TOTAL STATE	436.200	5614.751
(A1+C1+C4+(B1-B6))					
2) Hydro	6.236	118.557			
(A2+C2)					
3) Gas	11.026	143.394			
(A3+B7+C3)					
4) Wind	14.124	167.503			
6) SOLAR	5.898	86.719			
TOTAL STATE	294.493	3801.586			

* 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 4 Hrs
MSPGCL Thermal	6294	6312	6025	4800
MSPGCL Hydro	327	176	369	66
MSPGCL Gas	256	265	278	282
MSPGCL Total Generation	6877	6753	6672	5148
Central Sector Receipt	6922	7018	6042	5057
WIND	567	456	329	878
CPP / IPP Thermal	4435	4434	3565	3395
CPP / IPP Gas	0	0	0	0
SOLAR	827	794	17	0
Exchange with Mumbai	-1095	-1132	-800	-659
MSEDCL DEMAND MET	18533	18323	15825	13819
Load Shedding	0	0	0	0
MSEDCL DEMAND	18533	18323	15825	13819
TPCL GENERATION	951	931	1139	598
AEML GENERATION	500	499	499	281
MUMBAI DEMAND	2546	2562	2438	1538
STATE DEMAND MET	21079	20885	18263	15357
STATE DEMAND	21079	20885	18263	15357
Frequency (Hz)	50.01	50.02	50.03	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 14.04 Hrs	49.78 Hz at 09.12 Hrs	50.01	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/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	12.22	146.42	601	366
Unit 9	11.58	109.11	560	369
Unit 10	0.00	71.95	0	0
Total	23.79	327.48		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.49	123.68	490	280
Unit 5	8.95	103.20	475	280
Total	18.44	226.88		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	8.84	0	0
Unit 7	0.00	0.00	0	0
Unit 8	5.30	60.56	250	188
Total	5.30	69.40		
Chandrapur				
Unit 3	3.81	49.74	172	125
Unit 4	3.42	46.80	155	134
Unit 5	8.68	116.47	425	275
Unit 6	9.12	119.94	425	280
Unit 7	0.00	0.00	0	0
Unit 8	11.49	108.76	490	470
Unit 9	11.62	146.32	492	476
Total	48.14	588.03		
Paras				
Unit 3	5.87	72.12	253	220
Unit 4	5.16	59.29	254	110
Total	11.02	131.41		
Khaparkheda				
Unit 1	3.66	47.10	170	135
Unit 2	3.72	50.46	175	140
Unit 3	3.63	44.70	185	36
Unit 4	4.04	52.63	185	140
Unit 5	10.10	94.87	450	320
Total	25.14	289.77		
Nasik				
Unit 3	3.10	14.83	147	119
Unit 4	3.19	43.33	147	121
Unit 5	0.00	0.00	0	0
Total	6.28	58.16		
Uran				
All Units	6.62	86.53	293	255
Total	6.62	86.53		
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)	0.12	2.34	45	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	2.34		
Koyna				
Stage 1-2	2.55	37.13	440	40
Stage 4	0.00	12.73	0	0
Stage 3	0.39	11.47	80	0
Total	2.94	61.33		
Hydro				
KDPH	0.14	0.14	18	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.11	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	2.44	40	0
RNGR+BHTSA	0.35	4.59	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.04	0.32	2	1
GHATGHAR	0.53	9.25	125	0
Total	1.21	17.78		
Wind				
Total	14.12	167.50	0	0
Total	14.12	167.50		
CPP				
APML(Mus)	51.61	797.50	0	0
JSWEL(Mus)	19.15	228.99	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.37	96.85	0	0
Other(Mus)	15.92	178.13	0	0
Total	94.04	1301.47		
SOLAR				
Total	5.90	86.72	0	0
Total	5.90	86.72		
Tata				
Trombay 5	9.69	126.90	463	274
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	36.29	118	116
Trombay 7B	1.59	20.57	68	65
Trombay 8	5.00	66.60	235	135
TATA Hydro	2.08	39.44	319	0
Total	21.17	289.80		
AEML				
DTPS U-1&2	10.36	99.31	501	281
Total	10.36	99.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.12	1691.13	MSPGCL Total	148.90	1856.78
			MSPGCL Thml+Gas	144.74	1777.66	Koyna 1,2 & 4 Total	2.55	49.86
			MSPGCL Hydro	4.15	79.12	State Total	294.49	3801.59

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/Nov/2020

Annexure-2

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	4921	266	292	5479	948	3361	0	0	5132	5117	-852	14053	0	14053	1815	15868	50.04
2	5101	71	282	5454	838	3386	0	0	5370	4976	-789	13865	0	13865	1688	15553	49.99
3	4867	56	292	5215	880	3409	0	0	5402	5028	-714	13818	0	13818	1594	15412	50.00
4	4800	66	282	5148	878	3395	0	0	5402	5057	-659	13819	0	13819	1538	15357	49.99
5	5033	56	293	5382	972	3400	0	0	5393	5320	-645	14429	0	14429	1526	15955	50.04
6	5697	171	293	6161	914	3667	0	0	5507	5726	-698	15770	0	15770	1597	17367	50.02
7	5998	56	293	6347	790	4214	0	5	6069	6130	-371	17115	0	17115	1658	18773	50.02
8	6119	216	292	6627	743	4444	0	82	6289	6241	-405	17732	0	17732	1785	19517	50.01
9	6233	101	280	6614	517	4525	0	302	6385	6491	-621	17828	0	17828	2001	19829	49.98
10	6225	102	279	6606	556	4467	0	579	6619	6334	-881	17661	0	17661	2263	19924	49.94
11	6311	157	266	6734	620	4426	0	782	6959	6846	-1060	18348	0	18348	2450	20798	49.94
12	6294	327	256	6877	567	4435	0	827	7012	6922	-1095	18533	0	18533	2546	21079	50.01
13	6312	176	265	6753	456	4434	0	794	7017	7018	-1132	18323	0	18323	2562	20885	50.02
14	6272	151	264	6687	412	4356	0	753	6682	6845	-1070	17983	0	17983	2500	20483	50.05
15	6303	79	255	6637	337	4342	0	668	6799	6567	-1077	17474	0	17474	2503	19977	50.05
16	6290	104	264	6658	283	4376	0	583	6739	6676	-1004	17572	0	17572	2489	20061	50.02
17	6277	204	266	6747	206	4109	0	358	6446	6133	-737	16816	0	16816	2418	19234	50.01
18	6298	209	257	6764	245	3729	0	148	6069	5910	-709	16087	0	16087	2362	18449	50.02
19	6025	369	278	6672	329	3565	0	17	5798	6042	-800	15825	0	15825	2438	18263	50.03
20	6152	319	278	6749	406	3448	0	0	5517	5556	-757	15402	0	15402	2394	17796	50.02
21	5398	129	269	5796	448	3442	0	0	5304	5475	-694	14467	0	14467	2325	16792	49.98
22	5152	522	279	5953	520	3599	0	0	5158	4999	-704	14367	0	14367	2255	16622	50.02
23	5122	156	269	5547	541	3682	0	0	5307	5333	-794	14309	0	14309	2131	16440	49.99
24	4920	89	280	5289	718	3831	0	0	5263	4965	-1057	13746	0	13746	2020	15766	50.03
MUs	138.12	4.15	6.62	148.90	14.12	94.04	0.00	5.90	143.64	141.71	-19.32	385.34	0.00	385.34	50.86	436.20	50.01

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/2020

Position as on 6.30 Hrs of 14/Nov/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
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	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
MSPGCL	Parli Unit 7	250	22/10/2020	20.00		Continued.	Zero Schedule By MSEDCL	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Parli Unit 6	250	02/11/2020	23.28		Continued.	Excess DM water consumption.	
MSPGCL	Koradi Unit 10	660	09/11/2020	01.28		Continued.	Air heater problem	
IPP	Adani U-3	660	10/11/2020	18.28	13/11/2020	20.56	APH 3B gear box problem.	
MSPGCL	Khaparkheda Unit 3	210	11/11/2020	08.30	13/11/2020	00.18	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 14/Nov/2020

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-I @ Aurangabad (Ektuni)	IntraState	13/11/2020	17.51	13/11/2020	21.01	EO	Oil Topup in R phase Unit
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	19/10/2020	23.01		Continued.	PO	Abnormal sound from main tank of smoothing reactor at Chandrapur end
HVDC Pole-I	IntraState	13/11/2020	00.13	13/11/2020	04.23	EO	Y-ph converter transformer oil top up
Chandrapur - Padghe Hvdc Pole 1	IntraState	13/11/2020	11.04	13/11/2020	14.12	T	B phase Unbalance 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
Dhule Sar'Sarovar I	InterState	10/11/2020	18.08		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Khadka-Aurangabad (Waluj)	IntraState	12/11/2020	20.32	13/11/2020	07.08	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	12/11/2020	21.14	13/11/2020	11.13	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/11/2020	00.28	13/11/2020	09.00	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	13/11/2020	12.08	13/11/2020	12.29	PO	To shift from Bus I to Bus II due to Hot spot on Bus side Isolator
Dhule - Bableshtar - II	IntraState	13/11/2020	18.17	14/11/2020	06.50	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/11/2020	21.07		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/11/2020	23.57		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
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	02/11/2020	14.30		Continued.	PO	220 kv Amona Bay old CB Replacement (civil,Erection & Commissioning,testing)Work at 220 kv Tillari Switch yard.
EKLAHARE (OCR) Nasik - Navsari I	InterState	07/11/2020	13.59		Continued.	HT	Outage at Navsari end.
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special Repair Cable work.
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage Arrangement HTLS Work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage Arrangement HTLS Work.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Tata Borivli MSETCL Borivli 4	IntraState	10/11/2020	10.04		Continued.	PO	Annual Diagnostic Testing Work(Breaker Problem at Borivli)
Ghatghar - Jindal	IntraState	12/11/2020	17.56	13/11/2020	19.35	T	Distance Protection
Sawantwadi-Bidri	IntraState	13/11/2020	08.55	13/11/2020	16.50	PO	Cold washing of Insulator String
Nalasopara-Boisar	IntraState	13/11/2020	09.03	13/11/2020	16.33	PO	Replacement of Insulator String

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/2020

Statement-VII

Position as on 6.30 Hrs of 14/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Badnera Tss-li	IntraState	13/11/2020	09.59	13/11/2020	15.00	PO	Diagnostic testing work
Wpcl-Warora 1	IntraState	13/11/2020	13.05	13/11/2020	14.40	EO	Sparking on Line Isolator B phase
Pophli Pedhmbe Line- 1	IntraState	13/11/2020	13.20	13/11/2020	14.15	PO	R phase CT Oil topup work
220 KV ICT Outages/Trippings							
220/33kV 100 MVA ICT-II @ Boisar	IntraState	13/11/2020	09.25	13/11/2020	11.01	PO	Distance Relay Testing Work
220/132 Kv 200 Mva Cgl lct 1 @Boisar-li	IntraState	13/11/2020	11.24	13/11/2020	16.53	PO	Distance Relay Testing Work