

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Nov/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.731	1807.864	1) Gujrat	-0.368	13.290
2) Hydro	6.893	86.009	2) Madhya Pradesh	0.947	85.185
3) Gas	6.386	92.917	3) Chattisgarh	6.480	94.460
Total MSPGCL	130.010	1986.790	4) Maharashtra	123.664	1765.951
B) 1) APML	56.519	854.016	5) Goa (Amona)	-0.721	-15.718
2) JSWEL	16.468	245.461	Total	130.002	1943.168
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.446	293.553
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.367	316.922
5) WPCL	6.376	103.230	c) MSEDCL Bilateral *	27.691	401.552
6) Other IPP	14.284	192.414	Include PX	0.326	6.237
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.446	293.553
C) 1) TPCL Thermal	10.267	203.759	Include PX	8.871	173.940
2) TPCL Hydro	1.143	40.584	Standby	0.000	0.000
3) TPCL Gas	4.368	61.231	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.770	106.084	1) MSEDCL	348.918	5283.005
D) STATE			2) Mumbai Discoms	47.915	728.579
1) Thermal	227.415	3512.828	TOTAL STATE	396.833	6011.584
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	8.036	126.593			
3) Gas (A3+B7+C3)	10.754	154.148			
4) Wind	14.305	181.808			
6) SOLAR	6.321	93.040			
TOTAL STATE	266.831	4068.417			

* 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 24 Hrs
MSPGCL Thermal	4514	4825	4438	4326
MSPGCL Hydro	466	458	84	594
MSPGCL Gas	265	255	218	279
MSPGCL Total Generation	5246	5538	4740	5198
Central Sector Receipt	6536	6382	5494	3828
WIND	755	684	484	558
CPP / IPP Thermal	3884	3881	3873	3420
CPP / IPP Gas	0	0	0	0
SOLAR	957	818	0	0
Exchange with Mumbai	-1201	-1195	-1223	-1060
MSEDCL DEMAND MET	16176	16108	13368	11944
Load Shedding	0	0	0	0
MSEDCL DEMAND	16176	16108	13368	11944
TPCL GENERATION	628	626	805	792
AEML GENERATION	283	282	282	282
MUMBAI DEMAND	2112	2103	2310	2134
STATE DEMAND MET	18288	18210	15678	14078
STATE DEMAND	18288	18210	15678	14078
Frequency (Hz)	49.97	49.96	50.08	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.19 Hrs	49.76 Hz at 04.17 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 14/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	9.45	155.87	510	368
Unit 9	9.54	118.64	525	372
Unit 10	0.00	71.95	0	0
Total	18.99	346.46		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.52	131.20	495	280
Unit 5	7.42	110.62	475	275
Total	14.94	241.82		
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	4.81	65.37	250	190
Total	4.81	74.21		
Chandrapur				
Unit 3	3.26	53.00	175	121
Unit 4	3.40	50.20	161	135
Unit 5	7.60	124.06	425	274
Unit 6	7.56	127.50	415	275
Unit 7	0.00	0.00	0	0
Unit 8	8.97	117.73	480	270
Unit 9	9.03	155.36	490	275
Total	39.82	627.85		
Paras				
Unit 3	4.82	76.94	225	180
Unit 4	5.14	64.44	236	185
Total	9.96	141.37		
Khaparkheda				
Unit 1	3.37	50.48	160	120
Unit 2	3.44	53.91	170	140
Unit 3	3.46	48.16	180	135
Unit 4	3.53	56.16	185	140
Unit 5	8.46	103.33	440	305
Total	22.26	312.03		
Nasik				
Unit 3	2.81	17.64	138	0
Unit 4	3.14	46.48	143	126
Unit 5	0.00	0.00	0	0
Total	5.96	64.12		
Uran				
All Units	6.39	92.92	290	218
Total	6.39	92.92		
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	2.45	48	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	2.45		
Koyna				
Stage 1-2	3.46	40.58	450	40
Stage 4	0.60	13.33	250	0
Stage 3	0.81	12.29	80	0
Total	4.87	66.21		
Hydro				
KDPH	0.44	0.59	19	19
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.	0.10	2.54	40	0
RNGR+BHTSA	0.29	4.88	15	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.00	0.32	0	0
GHATGHAR	1.18	10.43	125	0
Total	2.02	19.80		
Wind				
Total	14.30	181.81	0	0
Total	14.30	181.81		
CPP				
APML(Mus)	56.52	854.02	0	0
JSWEL(Mus)	16.47	245.46	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	6.38	103.23	0	0
Other(Mus)	14.28	192.41	0	0
Total	93.65	1395.12		
SOLAR				
Total	6.32	93.04	0	0
Total	6.32	93.04		
Tata				
Trombay 5	6.86	133.76	376	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	39.07	121	93
Trombay 7B	1.59	22.16	68	58
Trombay 8	3.41	70.00	229	134
TATA Hydro	1.14	40.58	242	0
Total	15.78	305.57		
AEML				
DTPS U-1&2	6.77	106.08	284	281
Total	6.77	106.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.73	1807.86	MSPGCL Total	130.01	1986.79
			MSPGCL Thml+Gas	123.12	1900.78	Koyna 1,2 & 4 Total	4.06	53.92
			MSPGCL Hydro	6.89	86.01	State Total	266.83	4068.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Nov/2020

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	4545	82	279	4906	723	3854	0	0	5293	5177	-1051	13610	0	13610	1932	15542	49.97
2	4451	78	270	4798	671	3913	0	0	5164	5015	-921	13476	0	13476	1805	15282	49.95
3	4466	78	290	4834	659	3926	0	0	5157	5000	-822	13596	0	13596	1706	15302	49.99
4	4412	82	280	4774	712	3913	0	0	5194	4920	-746	13574	0	13574	1634	15208	49.95
5	4522	188	280	4990	741	3938	0	0	5186	5284	-723	14230	0	14230	1621	15850	49.90
6	5740	422	281	6444	761	4184	0	0	5240	5167	-819	15736	0	15736	1703	17440	49.97
7	6160	528	282	6970	705	4528	0	16	5578	5327	-877	16668	0	16668	1764	18432	50.01
8	6132	492	281	6906	574	4489	0	192	5741	5772	-933	17000	0	17000	1818	18818	50.05
9	5761	284	281	6326	589	4124	0	495	5978	5573	-1016	16090	0	16090	1902	17992	50.06
10	5193	326	278	5796	719	3899	0	765	6062	5649	-1111	15718	0	15718	2003	17720	50.03
11	4597	324	266	5186	718	3894	0	901	6331	6470	-1175	15994	0	15994	2087	18082	49.97
12	4514	466	265	5246	755	3884	0	957	6424	6536	-1201	16176	0	16176	2112	18288	49.97
13	4825	458	255	5538	684	3881	0	818	6205	6382	-1195	16108	0	16108	2103	18210	49.96
14	4860	328	264	5452	535	3862	0	771	6404	6523	-1174	15970	0	15970	2081	18050	50.00
15	4963	264	255	5482	474	3957	0	677	6376	6503	-1171	15922	0	15922	2078	18000	50.03
16	5213	214	265	5692	401	3976	0	478	6159	6058	-1154	15450	0	15450	2059	17510	49.96
17	5313	118	266	5696	349	4012	0	220	5849	5554	-1017	14814	0	14814	2025	16840	50.00
18	4758	78	223	5060	386	3929	0	31	5691	5541	-1013	13934	0	13934	2064	15998	50.00
19	4438	84	218	4740	484	3873	0	0	5695	5494	-1223	13368	0	13368	2310	15678	50.08
20	4404	74	219	4696	543	3768	0	0	5673	4888	-1285	12610	0	12610	2327	14938	50.03
21	4413	84	262	4758	523	3527	0	0	4717	4588	-1278	12118	0	12118	2273	14392	49.96
22	4391	588	268	5246	527	3455	0	0	4154	4616	-1239	12606	0	12606	2210	14816	49.92
23	4334	664	279	5276	514	3441	0	0	3994	4137	-1163	12206	0	12206	2164	14370	49.97
24	4326	594	279	5198	558	3420	0	0	3925	3828	-1060	11944	0	11944	2134	14078	50.00
MUs	116.73	6.89	6.39	130.01	14.31	93.65	0.00	6.32	132.19	130.00	-25.37	348.92	0.00	348.92	47.92	396.83	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 14/Nov/2020

Position as on 6.30 Hrs of 15/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	
MSPGCL	Nasik Unit 3	210	14/11/2020	22.30		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	15/11/2020	02.50	15/11/2020	10.42	Bus bar protection open due to R-ph. HV busing burst of GT-3.	
MSPGCL	Khaparkheda Unit 4	210	15/11/2020	02.50	15/11/2020	07.28	Tripped due to drum level high.	
MSPGCL	Khaparkheda Unit 3	210	15/11/2020	02.50		Continued.	Bus bar protection open due to R-ph. HV busing burst of GT-3.	
MSPGCL	Paras Unit 3	250	15/11/2020	20.29		Continued.	Governing system problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 15/Nov/2020

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 2	IntraState	19/10/2020	23.01		Continued.	PO	Abnormal sound from main tank of smoothing reactor 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
Dhule Khandwa I	InterState	14/11/2020	19.27	15/11/2020	07.47	HT	Over Voltage
Dhule Khandwa II	InterState	15/11/2020	20.31		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).
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	15/11/2020	08.53	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/11/2020	23.57	14/11/2020	14.57	HT	Over Voltage
Padghe - Nagothane - I	IntraState	14/11/2020	02.25		Continued.	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	14/11/2020	14.09	14/11/2020	21.06	T	Distance Protection
Dhule - Bableshtar - II	IntraState	14/11/2020	17.12	15/11/2020	11.26	HT	Over Voltage
karad -kolhapur-I	IntraState	14/11/2020	18.06		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	14/11/2020	18.24		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/11/2020	19.18	15/11/2020	11.51	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	15/11/2020	17.17		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	15/11/2020	17.19		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/11/2020	19.19		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	14/11/2020	11.48	HT	Outage at Navsari end.
EKLAHARE (OCR) Nasik - Navsari I	InterState	14/11/2020	13.52	14/11/2020	15.56	T	Distance Protection
Mahalakshmi Amona	InterState	14/11/2020	14.06	14/11/2020	16.57	T	Distance Protection
Khaparkhedra-Butibori 3	InterState	14/11/2020	17.15	14/11/2020	17.45	PO	Chattering sound in CB.
EKLAHARE (OCR) Nasik - Navsari I	InterState	14/11/2020	17.19		Continued.	HT	Outage at Navsari end.
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special Repair Cable 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

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/2020

Statement-VII

Position as on 6.30 Hrs of 15/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Tata Borivli MSETCL Borivli 4	IntraState	10/11/2020	10.04		Continued.	PO	Annual Diagnostic Testing Work(Breaker Problem at Borivli)
Trombay - Kalwa	IntraState	14/11/2020	09.34	15/11/2020	16.08	PO	Replacement of existing conductor by HTLS conductor from Loc no.19 to 24.
Halkarni-Mahalaxmi line	IntraState	14/11/2020	15.40	15/11/2020	00.28	T	Distance Protection
Bhandara-Sunflag 1	IntraState	14/11/2020	16.11	14/11/2020	22.58	T	O/C E/F (Monkey fault)
Kanhan-Bhandara I	IntraState	14/11/2020	17.09	14/11/2020	17.27	PO	Sparking on bus isolator.
Sawantwadi-Bidri	IntraState	14/11/2020	18.06	15/11/2020	09.58	HT	Over Voltage
Butibori - Khaperkheda	IntraState	15/11/2020	02.50	15/11/2020	03.42	T	Bus Bar Protection Operated
Koradi-Khaperkheda	IntraState	15/11/2020	02.50	15/11/2020	04.06	T	Bus Bar Protection Operated
K'Kheda- Suryalakshmi	IntraState	15/11/2020	02.50	15/11/2020	03.49	T	Bus Bar Protection Operated
Butibori - Khaperkheda	IntraState	15/11/2020	05.41	15/11/2020	07.31	EO	Trip coil of Y&B phase Butibori I Breker replacement
Ranjangaon-Fiat 1	IntraState	15/11/2020	08.00	15/11/2020	14.40	PO	Annual Maintenance Work
Ranjangaon-Fiat 2	IntraState	15/11/2020	08.00	15/11/2020	14.40	PO	Annual Maintenance Work
Boisar II - Boisar PG II	IntraState	15/11/2020	09.40	15/11/2020	14.28	PO	Replacement of Insulator String
Padghe - Nalasopara	IntraState	15/11/2020	11.41	15/11/2020	17.45	PO	Diagnostic testing work
Taloja II - OCIL-I	IntraState	15/11/2020	12.44	15/11/2020	15.01	T	Distance Protection
Panchanand Taloja	IntraState	15/11/2020	12.44	15/11/2020	13.35	T	Distance Protection
Urse-Chinchwad (ST tap)	IntraState	15/11/2020	13.04	15/11/2020	15.53	EO	To attend Hot Spot
Nanded-Parbhani	IntraState	15/11/2020	14.40	15/11/2020	21.28	T	Distance Protection
Bableshtar- Ranjangaon	IntraState	15/11/2020	17.45		Continued.	T	Y Phase LA Burst at Ranjangaon end
Ranjangaon-Lonikand	IntraState	15/11/2020	17.45	15/11/2020	18.00	T	Y Phase LA Burst of Bableshtar-Ranjangaon line
Sawantwadi-Bidri	IntraState	15/11/2020	20.40		Continued.	HT	Over Voltage

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