

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Nov/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.881	1917.745	1) Gujrat	0.498	13.788
2) Hydro	6.859	92.868	2) Madhya Pradesh	2.691	87.876
3) Gas	6.555	99.472	3) Chattisgarh	7.240	101.700
Total MSPGCL	123.295	2110.085	4) Maharashtra	122.491	1888.442
B) 1) APML	54.496	908.512	5) Goa (Amona)	-1.287	-17.005
2) JSWEL	17.113	262.574	Total	131.633	2074.801
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.218	311.771
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.316	341.238
5) WPCL	6.250	109.480	c) MSEDCL Bilateral *	27.656	429.208
6) Other IPP	14.083	206.497	Include PX	0.218	6.455
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.218	311.771
C) 1) TPCL Thermal	10.342	214.101	Include PX	12.637	186.578
2) TPCL Hydro	0.670	41.254	Standby	0.000	0.000
3) TPCL Gas	3.830	65.061	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.720	113.804	1) MSEDCL	340.833	5623.838
D) STATE			2) Mumbai Discoms	46.878	775.457
1) Thermal	219.885	3732.713	TOTAL STATE	387.711	6399.295
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	7.529	134.122			
3) Gas (A3+B7+C3)	10.385	164.533			
4) Wind	11.205	193.013			
6) SOLAR	7.074	100.114			
TOTAL STATE	256.078	4324.495			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4788	4935	4207	3855
MSPGCL Hydro	296	216	136	628
MSPGCL Gas	265	254	267	279
MSPGCL Total Generation	5349	5405	4610	4762
Central Sector Receipt	6186	6452	5982	4671
WIND	655	319	504	248
CPP / IPP Thermal	4017	3968	3904	3297
CPP / IPP Gas	0	0	0	0
SOLAR	1053	758	0	0
Exchange with Mumbai	-884	-944	-1285	-835
MSEDCL DEMAND MET	16376	15958	13715	12143
Load Shedding	0	0	0	0
MSEDCL DEMAND	16376	15958	13715	12143
TPCL GENERATION	638	614	585	600
AEML GENERATION	499	462	281	281
MUMBAI DEMAND	2021	2020	2151	1716
STATE DEMAND MET	18397	17978	15866	13859
STATE DEMAND	18397	17978	15866	13859
Frequency (Hz)	49.95	49.99	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 22.01 Hrs	49.78 Hz at 08.44 Hrs	49.97	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 15/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	9.54	165.41	579	366
Unit 9	9.54	128.18	575	372
Unit 10	0.00	71.95	0	0
Total	19.08	365.54		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.15	138.35	435	280
Unit 5	7.09	117.70	475	280
Total	14.24	256.06		
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	4.79	70.15	250	190
Total	4.79	79.00		
Chandrapur				
Unit 3	3.39	56.39	177	121
Unit 4	3.50	53.70	165	135
Unit 5	8.00	132.06	440	274
Unit 6	7.83	135.33	415	275
Unit 7	0.00	0.00	0	0
Unit 8	9.35	127.08	485	274
Unit 9	9.51	164.86	490	275
Total	41.57	669.43		
Paras				
Unit 3	4.28	81.22	228	0
Unit 4	5.28	69.72	253	180
Total	9.56	150.94		
Khaparkheda				
Unit 1	2.10	52.58	160	0
Unit 2	3.48	57.39	180	140
Unit 3	0.41	48.57	143	0
Unit 4	2.74	58.90	165	0
Unit 5	8.76	112.08	460	312
Total	17.49	329.52		
Nasik				
Unit 3	0.00	17.64	0	0
Unit 4	3.16	49.63	160	123
Unit 5	0.00	0.00	0	0
Total	3.16	67.27		
Uran				
All Units	6.56	99.47	291	254
Total	6.56	99.47		
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)	0.08	2.53	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	2.53		
Koyna				
Stage 1-2	3.84	44.42	565	40
Stage 4	0.35	13.68	194	0
Stage 3	1.05	13.34	148	0
Total	5.24	71.44		
Hydro				
KDPH	0.44	1.03	19	18
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.	0.08	2.62	40	0
RNGR+BHTSA	0.32	5.20	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.12	0.45	6	5
GHATGHAR	0.66	11.09	125	0
Total	1.62	21.42		
Wind				
Total	11.20	193.01	0	0
Total	11.20	193.01		
CPP				
APML(Mus)	54.50	908.51	0	0
JSWEL(Mus)	17.11	262.57	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	6.25	109.48	0	0
Other(Mus)	14.08	206.50	0	0
Total	91.94	1487.06		
SOLAR				
Total	7.07	100.11	0	0
Total	7.07	100.11		
Tata				
Trombay 5	6.86	140.62	373	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.46	41.53	119	58
Trombay 7B	1.37	23.53	67	29
Trombay 8	3.48	73.48	227	134
TATA Hydro	0.67	41.25	97	2
Total	14.84	320.42		
AEML				
DTPS U-1&2	7.72	113.80	500	281
Total	7.72	113.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	109.88	1917.74	MSPGCL Total	123.30	2110.08
			MSPGCL Thml+Gas	116.44	2017.22	Koyna 1,2 & 4 Total	4.19	58.10
			MSPGCL Hydro	6.86	92.87	State Total	256.08	4324.50

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	4312	498	279	5089	512	3275	0	0	4127	4378	-962	12292	0	12292	2029	14321	49.98
2	4251	79	280	4610	442	3257	0	0	4432	4558	-847	12020	0	12020	1905	13925	49.96
3	4177	412	280	4869	309	3270	0	0	4427	4626	-885	12189	0	12189	1790	13979	49.88
4	3855	628	279	4762	248	3297	0	0	4662	4671	-835	12143	0	12143	1716	13859	49.98
5	4373	475	280	5128	320	3551	0	0	5135	4910	-808	13101	0	13101	1689	14790	49.94
6	4544	167	291	5002	409	3862	0	0	5411	5277	-843	13707	0	13707	1725	15432	49.97
7	4989	750	270	6009	417	4024	0	56	5515	5615	-846	15275	0	15275	1730	17005	49.97
8	5692	386	291	6369	411	4438	0	238	5597	5333	-846	15943	0	15943	1729	17672	49.94
9	5185	213	278	5676	425	4281	0	529	5927	5594	-908	15597	0	15597	1794	17391	49.88
10	4815	346	268	5429	535	4025	0	777	6041	6233	-983	16016	0	16016	1893	17909	49.97
11	4967	214	266	5447	682	4040	0	928	6124	5658	-944	15811	0	15811	1978	17789	49.99
12	4788	296	265	5349	655	4017	0	1053	6334	6186	-884	16376	0	16376	2021	18397	49.95
13	4614	291	264	5169	505	3876	0	991	6412	6262	-901	15902	0	15902	2024	17926	49.98
14	4653	231	264	5148	409	3879	0	910	6343	6507	-903	15950	0	15950	2023	17973	50.01
15	4935	216	254	5405	319	3968	0	758	6185	6452	-944	15958	0	15958	2020	17978	49.99
16	5431	241	265	5937	294	4035	0	544	5974	6007	-1093	15724	0	15724	1997	17721	49.98
17	5336	109	265	5710	321	4040	0	258	5856	5773	-1074	15028	0	15028	1955	16983	49.98
18	4698	86	256	5040	404	4010	0	32	5812	5504	-1098	13892	0	13892	1958	15850	50.01
19	4207	136	267	4610	504	3904	0	0	5931	5982	-1285	13715	0	13715	2151	15866	49.99
20	4140	306	268	4714	566	3917	0	0	5684	5537	-1316	13418	0	13418	2195	15613	49.98
21	4063	181	278	4522	544	3907	0	0	5066	5252	-1337	12888	0	12888	2175	15063	49.97
22	3967	376	279	4622	558	3903	0	0	4813	4940	-1331	12692	0	12692	2164	14856	50.02
23	3964	136	279	4379	684	3787	0	0	5527	5150	-1232	12768	0	12768	2123	14891	50.02
24	3925	86	289	4300	732	3379	0	0	5600	5228	-1211	12428	0	12428	2094	14522	50.04
MUs	109.88	6.86	6.56	123.30	11.21	91.94	0.00	7.07	132.93	131.63	-24.32	340.83	0.00	340.83	46.88	387.71	49.97

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 15/Nov/2020

Position as on 6.30 Hrs of 16/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 B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	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	Khaparkhedha 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	Khaparkhedha Unit 3	210	15/11/2020	02.50		Continued.	Bus bar protection open due to R-ph. HV busing burst of GT-3.	
MSPGCL	Khaparkhedha Unit 4	210	15/11/2020	02.50	15/11/2020	07.28	Tripped due to drum level high.	
MSPGCL	Paras Unit 3	250	15/11/2020	20.29	16/11/2020	01.28	Governing system problem	
MSPGCL	Paras Unit 3	250	16/11/2020	03.20		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 16/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).
Khadka-Aurangabad (Waluj)	IntraState	13/11/2020	21.07	15/11/2020	08.53	HT	Over Voltage
Padghe - Nagothane - I	IntraState	14/11/2020	02.25		Continued.	HT	Over Voltage
Dhule - Bableshwar - 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 - Bableshwar - 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	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
Tata Borivli MSETCL Borivli 4	IntraState	10/11/2020	10.04		Continued.	PO	Annual Diagnostic Testing Work(Breaker Problem at Borivali
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
Sawantwadi-Bidri	IntraState	14/11/2020	18.06	15/11/2020	09.58	HT	Over Voltage
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

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 15/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 16/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Butibori - Khaperkheda	IntraState	15/11/2020	02.50	15/11/2020	03.42	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 2	IntraState	15/11/2020	08.00	15/11/2020	14.40	PO	Annual Maintenance Work
Ranjangaon-Fiat 1	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
Bableshwar- Ranjangaon	IntraState	15/11/2020	17.45	16/11/2020	05.40	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 Bableshwar-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