

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.331	2098.646	1) Gujrat	2.068	33.014
2) Hydro	6.539	112.618	2) Madhya Pradesh	8.016	114.469
3) Gas	6.787	99.779	3) Chattisgarh	6.640	95.500
Total MSPGCL	155.657	2311.043	4) Maharashtra	137.560	2016.503
B) 1) APML	61.422	984.053	5) Goa (Amona)	-1.293	-22.090
2) JSWEL	18.203	269.931	Total	152.991	2237.396
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.530	256.129
4) RPL(AMT)	0.000	31.045	b) Mumbai Drawl	20.999	323.571
5) WPCL	6.795	105.774	c) MSEDCL Bilateral *	36.382	495.636
6) Other IPP	17.576	256.890	Include PX	7.788	99.388
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.530	255.151
C) 1) TPCL Thermal	11.356	198.882	Include PX	10.419	155.101
2) TPCL Hydro	4.033	46.677	Standby	0.000	0.978
3) TPCL Gas	3.843	50.907	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.771	133.949	1) MSEDCL	404.308	6133.919
D) STATE			2) Mumbai Discoms	48.002	753.985
1) Thermal	265.454	4079.170	TOTAL STATE	452.310	6887.904
(A1+C1+C4+(B1-B6))					
2) Hydro	10.572	159.295			
(A2+C2)					
3) Gas	10.630	150.686			
(A3+B7+C3)					
4) Wind	7.017	169.346			
6) SOLAR	5.646	92.012			
TOTAL STATE	299.319	4650.509			

* 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 3 Hrs
MSPGCL Thermal	6371	6040	6499	5007
MSPGCL Hydro	478	224	274	104
MSPGCL Gas	290	278	279	291
MSPGCL Total Generation	7140	6542	7052	5402
Central Sector Receipt	7540	8023	5759	5630
WIND	240	97	193	286
CPP / IPP Thermal	4976	4522	5056	3465
CPP / IPP Gas	0	0	0	0
SOLAR	776	939	0	0
Exchange with Mumbai	-846	-1202	-1116	-657
MSEDCL DEMAND MET	19826	18922	16944	14126
Load Shedding	0	0	0	0
MSEDCL DEMAND	19826	18922	16944	14126
TPCL GENERATION	1091	931	951	525
AEML GENERATION	499	283	281	283
MUMBAI DEMAND	2436	2416	2348	1465
STATE DEMAND MET	22262	21338	19292	15592
STATE DEMAND	22262	21338	19292	15592
Frequency (Hz)	50.02	50.01	49.99	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 05.02 Hrs	49.73 Hz at 07.18 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 15/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	23.18	0	0
Unit 7	0.00	10.70	0	0
Unit 8	11.37	189.70	533	376
Unit 9	11.61	128.00	532	370
Unit 10	0.00	0.00	0	0
Total	22.99	351.57		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.16	159.56	495	280
Unit 5	10.12	160.14	490	280
Total	20.28	319.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.79	74.68	246	181
Unit 7	4.64	75.12	248	169
Unit 8	5.11	79.68	250	195
Total	14.55	229.48		
Chandrapur				
Unit 3	3.59	44.80	172	120
Unit 4	3.52	53.96	154	135
Unit 5	8.81	135.50	430	275
Unit 6	8.11	131.04	390	274
Unit 7	9.06	60.13	450	275
Unit 8	10.52	164.89	458	358
Unit 9	11.01	138.28	485	390
Total	54.62	728.61		
Paras				
Unit 3	1.16	61.83	210	0
Unit 4	5.24	69.16	250	170
Total	6.40	130.99		
Khaparkheda				
Unit 1	3.50	49.71	160	130
Unit 2	3.90	54.76	185	140
Unit 3	0.00	0.00	0	0
Unit 4	4.01	61.56	192	140
Unit 5	8.96	128.24	400	330
Total	20.37	294.27		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.13	36.34	139	124
Unit 5	0.00	0.00	0	0
Total	3.13	44.04		
Uran				
All Units	6.79	99.78	292	267
Total	6.79	99.78		
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)	0.04	1.04	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	1.04		
Koyna				
Stage 1-2	2.57	43.34	390	45
Stage 4	0.99	25.66	487	0
Stage 3	0.72	14.86	160	0
Total	4.28	83.86		
Hydro				
KDPH	0.44	2.82	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.22	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	2.69	40	0
RNGR+BHTSA	0.36	5.27	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.50	5.74	21	21
GHATGHAR	0.71	12.02	250	0
Total	2.26	28.76		
Wind				
Total	7.02	169.35	0	0
Total	7.02	169.35		
CPP				
APML(Mus)	61.42	984.05	0	0
JSWEL(Mus)	18.20	269.93	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	31.04	0	0
WPCL(Mus)	6.80	105.77	0	0
Other(Mus)	17.58	256.89	0	0
Total	104.00	1647.69		
SOLAR				
Total	5.65	92.01	0	0
Total	5.65	92.01		
Tata				
Trombay 5	7.53	131.21	461	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.39	31.23	118	57
Trombay 7B	1.46	19.68	67	45
Trombay 8	3.82	67.68	232	137
TATA Hydro	4.03	46.68	381	0
Total	19.23	296.47		
AEML				
DTPS U-1&2	7.77	133.95	500	281
Total	7.77	133.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.33	2098.65	MSPGCL Total	155.66	2311.04
			MSPGCL Thml+Gas	149.12	2198.42	Koyna 1,2 & 4 Total	3.56	69.00
			MSPGCL Hydro	6.54	112.62	State Total	299.32	4650.51

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Dec/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	5686	110	281	6078	298	3469	0	0	5492	5331	-791	14384	0	14384	1601	15986	50.02
2	5191	100	291	5582	219	3486	0	0	5717	5557	-627	14216	0	14216	1515	15732	49.93
3	5007	104	291	5402	286	3465	0	0	5681	5630	-657	14126	0	14126	1465	15592	49.94
4	5009	100	281	5390	268	3491	0	0	5637	5663	-631	14180	0	14180	1437	15618	49.97
5	5638	104	292	6034	360	3489	0	0	5650	5708	-631	14960	0	14960	1435	16396	49.98
6	6242	100	292	6634	552	3467	0	0	6137	6090	-698	16044	0	16044	1501	17546	49.98
7	6403	294	292	6990	491	3784	0	1	6556	6531	-702	17094	0	17094	1574	18668	49.95
8	6403	846	292	7542	447	4411	0	78	6665	6430	-489	18418	0	18418	1757	20176	49.95
9	6393	1022	281	7696	465	4742	0	311	6639	6242	-618	18838	0	18838	2037	20874	49.97
10	6438	690	280	7408	451	4837	0	570	7002	7105	-696	19676	0	19676	2251	21926	50.00
11	6371	478	290	7140	240	4976	0	776	7663	7540	-846	19826	0	19826	2436	22262	50.02
12	6211	280	268	6760	145	4836	0	907	8106	7815	-985	19477	0	19477	2450	21927	50.04
13	6040	224	278	6542	97	4522	0	939	7977	8023	-1202	18922	0	18922	2416	21338	50.01
14	6138	294	267	6700	51	4561	0	779	7489	7664	-1177	18578	0	18578	2326	20904	50.03
15	6249	324	277	6850	46	4928	0	638	7752	7675	-1133	19004	0	19004	2331	21336	50.00
16	6278	110	277	6664	64	4914	0	440	7963	7574	-1100	18556	0	18556	2324	20880	49.99
17	6380	190	267	6836	44	4912	0	185	6979	6837	-1039	17776	0	17776	2307	20082	49.97
18	6541	224	289	7054	79	5163	0	22	6222	6127	-1003	17442	0	17442	2293	19736	50.03
19	6499	274	279	7052	193	5056	0	0	6212	5759	-1116	16944	0	16944	2348	19292	49.99
20	6398	124	280	6802	313	4950	0	0	6063	5480	-1066	16480	0	16480	2311	18790	50.02
21	5473	100	280	5852	361	4449	0	0	5778	5677	-1012	15328	0	15328	2182	17510	49.94
22	5086	240	291	5616	471	4111	0	0	5678	5788	-982	15004	0	15004	2037	17042	50.03
23	5223	100	280	5602	520	4070	0	0	5685	5261	-939	14514	0	14514	1899	16414	50.01
24	5034	104	291	5430	556	3907	0	0	5688	5485	-859	14518	0	14518	1769	16288	50.03
MUs	142.33	6.54	6.79	155.66	7.02	104.00	0.00	5.65	156.43	152.99	-21.00	404.31	0.00	404.31	48.00	452.31	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 15/Dec/2020

Position as on 6.30 Hrs of 16/Dec/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 10	660	09/11/2020	01.28		Continued.	Air heater problem(Converted in to Annual Overhaul.From	
MSPGCL	Khaparkheda Unit 3	210	19/11/2020	23.55		Continued.	ANNUAL OVERHAUL	
MSPGCL	Koyana STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital Overhaul	
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	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
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	
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	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
MSPGCL	Koradi Unit 7	210	06/12/2020	12.54		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	08/12/2020	17.30	16/12/2020	03.23	Zero Schedule BY MSEDCL	
MSPGCL	Koradi Unit 6	210	08/12/2020	17.57		Continued.	Zero Schedule BY MSEDCL	
IPP	Adani U-2	660	12/12/2020	21.41	15/12/2020	07.28	APH-B hot PA Bellow leakage	
MSPGCL	Paras Unit 3	250	14/12/2020	02.40	15/12/2020	16.15	Boiler Tube Leakage	
IPP	Adani U-4	660	15/12/2020	23.48		Continued.	Zero schedule.	
IPP	Adani U-5	660	16/12/2020	03.50		Continued.	Zero schedule.	

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

Statement-VII

Position as on 6.30 Hrs of 16/Dec/2020

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
Dhule Sar'Sarovar I	InterState	14/12/2020	15.17		Continued.	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	15/12/2020	16.36		Continued.	EO	Attending Hot Spot
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	14/12/2020	17.51	15/12/2020	07.13	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	14/12/2020	19.36	15/12/2020	07.22	HT	Over Voltage
Nagothane - Dabhol I	IntraState	15/12/2020	09.22	15/12/2020	19.25	PO	Faulty string replacement Work & cold washing.
Alkud-Kolhapur(Talandage)	IntraState	15/12/2020	09.35	15/12/2020	13.45	PO	AMR Meter commissioning Quarterly Maint. Work & Diagnostic Testing Work
Khadka - Bableshtar	IntraState	15/12/2020	11.31	15/12/2020	18.23	PO	400kV CGL make CB pole and mechanism overhauling work.
Khadka-Aurangabad (Waluj)	IntraState	15/12/2020	19.20		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	15/12/2020	19.38		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
167 Mva Spare Ict @Lamboti	IntraState	14/12/2020	10.15	15/12/2020	17.57	PO	Replacement of tertiary bushing.
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	15/12/2020	11.12	15/12/2020	11.44	PO	To isolator alignment of 29A ISOLATOR .
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)
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
Trombay - Mulund	IntraState	29/11/2020	06.57	15/12/2020	15.51	PO	Stringing of HTLS conductor
Taloja II - OCIL-I	IntraState	15/12/2020	07.33	15/12/2020	19.58	PO	AMR meter commission & CT PT TESTING.
Mahad-Kandalgaon	IntraState	15/12/2020	08.10	15/12/2020	13.44	PO	Diagnosis tests work. & RM WORK.
Kolhapur-Bidri	IntraState	15/12/2020	09.19	15/12/2020	18.26	PO	Insulator cleaning work.
Vita - Mhaishal	IntraState	15/12/2020	09.25	15/12/2020	15.16	EO	Fault finding.
Chandrapur GCR - Cpur Rly Tss 2	IntraState	15/12/2020	09.53	15/12/2020	20.28	PO	1) Amr meter wiring and commissioning work (h.o. scheme) 2) main cb timing and crm work 3) routine maintenance of isolators and bay.
Pedambe-Nerle	IntraState	15/12/2020	14.05	15/12/2020	17.50	PO	Bay R &M WORK.
Ghatghar - Jindal	IntraState	15/12/2020	15.00	15/12/2020	16.08	PO	AMR Panel commissioning work.
Pedambe-Pophali	IntraState	15/12/2020	18.15	15/12/2020	18.45	EO	Oil top up.
Trombay Salsette 1 Backbay	IntraState	15/12/2020	23.43	16/12/2020	03.56	PO	Metro work.
Trombay-Salsette II	IntraState	16/12/2020	00.00	16/12/2020	03.56	PO	Metro 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 15/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 16/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
REL Borivali Aarey Line	IntraState	16/12/2020	00.27	16/12/2020	06.08	PO	Sheeth fault repair work.
Trombay - Kalwa	IntraState	16/12/2020	06.43		Continued.	PO	HTLS work.
220 KV ICT Outages/Trippings							
220/132 kV 100 MVA ICT @ Anjanagaon	IntraState	14/12/2020	11.30		Continued.	PO	Filtration of Oil of Main tank and Routine Maint.work