

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Dec/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.874	401.358	1) Gujrat	2.989	7.546
2) Hydro	8.504	34.512	2) Madhya Pradesh	6.411	23.834
3) Gas	6.748	20.101	3) Chattisgarh	6.060	20.420
Total MSPGCL	151.126	455.971	4) Maharashtra	133.791	411.475
B) 1) APLM	68.149	212.083	5) Goa (Amona)	-1.512	-4.496
2) JSWEL	19.358	58.064	Total	147.739	458.779
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.588	63.058
4) RPL(AMT)	5.008	9.196	b) Mumbai Drawl	21.890	71.271
5) WPCL	7.765	23.252	c) MSEDCL Bilateral *	40.459	126.973
6) Other IPP	16.874	50.769	Include PX	10.564	36.408
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.588	62.080
C) 1) TPCL Thermal	14.617	43.522	Include PX	12.236	37.167
2) TPCL Hydro	2.783	9.099	Standby	0.000	0.978
3) TPCL Gas	3.015	9.212	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.355	29.913	1) MSEDCL	414.773	1248.818
D) STATE			2) Mumbai Discoms	52.661	163.018
1) Thermal	278.000	828.157	TOTAL STATE	467.434	1411.836
(A1+C1+C4+(B1-B6))					
2) Hydro	11.287	43.611			
(A2+C2)					
3) Gas	9.763	29.313			
(A3+B7+C3)					
4) Wind	13.503	31.352			
6) SOLAR	7.141	20.623			
TOTAL STATE	319.694	953.056			

* 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 4 Hrs
MSPGCL Thermal	5968	5943	5897	4735
MSPGCL Hydro	963	402	680	78
MSPGCL Gas	279	266	279	282
MSPGCL Total Generation	7210	6611	6856	5095
Central Sector Receipt	7291	7768	5410	5266
WIND	417	211	332	1150
CPP / IPP Thermal	5392	5401	5326	4252
CPP / IPP Gas	0	0	0	0
SOLAR	936	1054	1	0
Exchange with Mumbai	-1088	-1124	-898	-855
MSEDCL DEMAND MET	20158	19921	17027	14908
Load Shedding	0	0	0	0
MSEDCL DEMAND	20158	19921	17027	14908
TPCL GENERATION	979	974	1103	530
AEML GENERATION	500	500	500	283
MUMBAI DEMAND	2567	2598	2501	1668
STATE DEMAND MET	22725	22519	19528	16576
STATE DEMAND	22725	22519	19528	16576
Frequency (Hz)	49.99	50.00	49.93	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13.01 Hrs	49.76 Hz at 09.12 Hrs	49.98	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 03/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.65	7.19	205	98
Unit 7	2.76	3.18	137	69
Unit 8	13.04	40.15	590	373
Unit 9	10.83	31.62	536	380
Unit 10	0.00	0.00	0	0
Total	30.27	82.14		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.40	32.89	495	285
Unit 5	10.05	31.81	465	280
Total	20.44	64.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.16	15.00	250	171
Unit 7	5.10	15.51	248	169
Unit 8	5.44	16.32	250	198
Total	15.71	46.83		
Chandrapur				
Unit 3	3.65	11.70	170	119
Unit 4	3.58	11.13	157	130
Unit 5	9.01	28.10	420	280
Unit 6	8.88	27.93	405	272
Unit 7	0.00	0.00	0	0
Unit 8	11.54	33.98	490	470
Unit 9	0.67	3.66	261	60
Total	37.31	116.50		
Paras				
Unit 3	5.57	16.09	251	186
Unit 4	3.96	15.42	236	0
Total	9.53	31.50		
Khaparkheda				
Unit 1	3.73	11.48	165	135
Unit 2	3.88	11.60	180	140
Unit 3	0.00	0.00	0	0
Unit 4	4.18	13.09	193	140
Unit 5	9.54	15.40	405	385
Total	21.33	51.58		
Nasik				
Unit 3	0.88	7.70	133	0
Unit 4	0.40	0.40	122	0
Unit 5	0.00	0.00	0	0
Total	1.28	8.11		
Uran				
All Units	6.75	20.10	293	256
Total	6.75	20.10		
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)	0.00	0.08	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.08		
Koyna				
Stage 1-2	3.44	12.42	520	40
Stage 4	1.77	11.47	470	0
Stage 3	0.94	4.84	160	0
Total	6.15	28.72		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	0.43	40	0
RNGR+BHTSA	0.35	1.06	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	0.91	13	12
GHATGHAR	1.54	3.39	250	0
Total	2.35	5.79		
Wind				
Total	13.50	31.35	0	0
Total	13.50	31.35		
CPP				
APML(Mus)	68.15	212.08	0	0
JSWEL(Mus)	19.36	58.06	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.01	9.20	0	0
WPCL(Mus)	7.76	23.25	0	0
Other(Mus)	16.87	50.77	0	0
Total	117.15	353.36		
SOLAR				
Total	7.14	20.62	0	0
Total	7.14	20.62		
Tata				
Trombay 5	9.64	28.69	460	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.76	5.38	100	59
Trombay 7B	1.26	3.83	61	47
Trombay 8	4.98	14.83	234	138
TATA Hydro	2.78	9.10	326	0
Total	20.42	61.83		
AEML				
DTPS U-1&2	10.36	29.91	501	282
Total	10.36	29.91		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.87	401.36	MSPGCL Total	151.13	455.97
			MSPGCL Thml+Gas	142.62	421.46	Koyna 1,2 & 4 Total	5.21	23.88
			MSPGCL Hydro	8.50	34.51	State Total	319.69	953.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	5733	73	292	6098	974	4225	0	0	5460	5262	-1181	15378	0	15378	1989	17367	50.00
2	5311	83	292	5686	1097	4219	0	0	5457	5213	-1035	15180	0	15180	1847	17027	50.01
3	4747	78	291	5116	1149	4223	0	0	5392	5362	-935	14915	0	14915	1745	16660	49.98
4	4735	78	282	5095	1150	4252	0	0	5358	5266	-855	14908	0	14908	1668	16576	49.98
5	4810	68	292	5170	1066	4236	0	0	5581	5483	-827	15128	0	15128	1640	16768	49.97
6	5701	73	292	6066	919	4318	0	0	5879	5990	-886	16407	0	16407	1700	18107	49.97
7	6018	83	293	6394	860	4742	0	6	6444	6736	-743	17995	0	17995	1762	19757	50.02
8	5982	73	293	6348	841	5324	0	138	6693	6701	-571	18781	0	18781	1910	20691	49.97
9	6015	308	282	6605	507	5382	0	499	6613	6661	-741	18913	0	18913	2124	21037	49.95
10	6009	709	280	6998	467	5409	0	776	6713	6671	-929	19392	0	19392	2376	21768	49.94
11	5968	963	279	7210	417	5392	0	936	7320	7291	-1088	20158	0	20158	2567	22725	49.99
12	5932	592	277	6801	290	5404	0	1037	7866	7711	-1146	20097	0	20097	2616	22713	49.97
13	5943	402	266	6611	211	5401	0	1054	7767	7768	-1124	19921	0	19921	2598	22519	50.00
14	5846	322	256	6424	174	5332	0	989	7775	7605	-1058	19466	0	19466	2519	21985	50.01
15	5682	452	265	6399	162	5225	0	811	7881	7901	-1094	19404	0	19404	2531	21935	49.96
16	5880	522	267	6669	163	5305	0	581	7722	7557	-1084	19191	0	19191	2532	21723	49.99
17	5838	1225	277	7340	144	5379	0	272	6521	6415	-890	18660	0	18660	2513	21173	49.96
18	5863	1166	278	7307	226	5332	0	41	5685	5514	-783	17637	0	17637	2460	20097	49.96
19	5897	680	279	6856	332	5326	0	1	5665	5410	-898	17027	0	17027	2501	19528	49.93
20	5731	275	270	6276	342	5223	0	0	5567	5062	-855	16048	0	16048	2439	18487	49.92
21	5688	71	290	6049	355	4754	0	0	5149	4989	-789	15358	0	15358	2335	17694	50.00
22	5744	71	281	6096	443	4303	0	0	5280	4842	-679	15005	0	15005	2177	17182	50.02
23	5334	71	292	5697	560	4232	0	0	5111	5266	-782	14973	0	14973	2164	17137	50.01
24	5467	66	282	5815	654	4216	0	0	5171	5063	-917	14831	0	14831	1947	16778	50.02
MUs	135.87	8.50	6.75	151.13	13.50	117.15	0.00	7.14	150.07	147.74	-21.89	414.77	0.00	414.77	52.66	467.43	49.98

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 03/Dec/2020

Position as on 6.30 Hrs of 04/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	Koyna 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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Nasik Unit 4	210	27/11/2020	20.00	03/12/2020	18.58	Zero Schedule by MSEDCL	
MSPGCL	Chandrapur Unit 9	500	01/12/2020	07.00	03/12/2020	20.10	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage.	
MSPGCL	Paras Unit 4	250	03/12/2020	20.00	04/12/2020	00.32	Drum level High.	
IPP	SWPGL U-2	135	03/12/2020	23.40		Continued.	Withdrawn	
MSPGCL	Nasik Unit 4	210	04/12/2020	00.25		Continued.	Air heater problem	
MSPGCL	Koradi Unit 9	660	04/12/2020	02.07		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 03/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 04/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/Tripping							
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	01/12/2020	18.28	03/12/2020	06.30	HT	Over Voltage
Dabhol Nagothane I	InterState	02/12/2020	04.40		Continued.	T	Distance Protection
Koradi Satpur	InterState	03/12/2020	01.12	03/12/2020	01.48	T	Distance Protection
Dhule Sar'Sarovar II	InterState	03/12/2020	17.47		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	02/12/2020	17.43	03/12/2020	07.03	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	02/12/2020	20.04	03/12/2020	08.13	HT	Over Voltage
Main Bus I @ Akola	IntraState	03/12/2020	11.01	03/12/2020	18.30	PO	Maintenance of bus related equipments.
Chandrapur II - Chandrapur SW Ckt I	IntraState	03/12/2020	11.56	03/12/2020	18.21	PO	Conductor & Earthwire H/W tightening work.
Khadka-Aurangabad (Waluj)	IntraState	03/12/2020	19.52		Continued.	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	04/12/2020	01.43		Continued.	T	Distance Protection
400 KV ICT Outages/Tripping							
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
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	03/12/2020	09.26	03/12/2020	18.00	PO	Half yearly maintenance and diagnostic testing work.
400/220/33 kv 315 MVA ICT-I @Chandrapur GCR	IntraState	03/12/2020	09.54	03/12/2020	20.25	PO	Measurement of bushing tan delta
400/220 kv 500 MVA ICT III @ Jejuri	IntraState	03/12/2020	10.08	03/12/2020	20.51	PO	Annual maintenance and testing work.
220 KV LINE Outages/Tripping							
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		Continued.	PO	Stringing of HTLS conductor
OSMANABAD BARSHI	IntraState	02/12/2020	22.43		Continued.	HT	Breaker lockout At Barshi end.
Adlabs - Pedambe	IntraState	03/12/2020	08.01	03/12/2020	18.35	PO	Chemical washing of Insulator strings
Kharepatan -Pawas Line	IntraState	03/12/2020	08.32	03/12/2020	18.24	PO	Cold & chemical washing of Insulator strings
Khadka-Bhadli-2	IntraState	03/12/2020	09.08	03/12/2020	14.15	PO	For taking new AMR meter in service.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	03/12/2020	10.08	03/12/2020	17.25	PO	R,Y,B Phase conductor restringing
Lonand-Baramati	IntraState	03/12/2020	10.38	03/12/2020	13.22	PO	Replacement of flashover suspension string
Urse - Talegaon (Ambi) Ckt 1	IntraState	03/12/2020	11.58	03/12/2020	17.39	PO	Half yearly maintenance & Diagnostic testing work.
Chikhli-Jalna-II	IntraState	03/12/2020	12.09	03/12/2020	15.48	EO	To attend hotline work at 400kv akola ICT 1
Chikhli-Jalna-I	IntraState	03/12/2020	12.09	03/12/2020	15.48	EO	To attend hotline work at 400kv akola ICT 1

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 03/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 04/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Aurangabad PG (Chitepimpalgaon)-Shedra I	IntraState	03/12/2020	13.04	03/12/2020	18.24	PO	For line CT AMP works.
Pedambe-Pophali	IntraState	03/12/2020	13.20	03/12/2020	13.50	EO	CT Oil Top-Up Work.
Padghe-Kamba II	IntraState	03/12/2020	14.18	03/12/2020	17.18	EO	B-Phase Breaker Pole Mechanisum Problem.
Kalwa - Mulund 2	IntraState	03/12/2020	14.39	03/12/2020	17.03	EO	TF-4 Dropper jumper removing work, safety clearance.
220 KV ICT Outages/Trippings							
220/132kv 100 Mva Ict 2 @Peth	IntraState	02/12/2020	09.00		Continued.	PO	OLTC overhauling.
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	03/12/2020	10.24	03/12/2020	15.26	PO	For SFRA & DFRA testing work.
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	03/12/2020	12.02	03/12/2020	18.00	PO	For attending hot spot on LV CB & CT.
220/132 Kv 100 Mva Cgl Ict 1 @Virur	IntraState	03/12/2020	12.20	03/12/2020	17.13	PO	Diagnostic testing work.
220/132 Kv 200 MVA ICT-III @Girwali	IntraState	03/12/2020	14.34	03/12/2020	18.48	PO	Testing of winding resistance.
220/132kv 100mva Ptr 2 @Kharepatan	IntraState	03/12/2020	15.28	03/12/2020	18.54	PO	For SFRA & DFRA testing work.

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