

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Dec/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.139	936.546	1) Gujrat	1.591	15.402
2) Hydro	5.434	56.715	2) Madhya Pradesh	5.878	47.043
3) Gas	6.797	47.247	3) Chattisgarh	5.490	42.940
Total MSPGCL	141.370	1040.508	4) Maharashtra	132.502	931.587
B) 1) APMIL	67.612	482.910	5) Goa (Amona)	-1.895	-11.075
2) JSWEL	17.952	130.517	Total	143.566	1025.897
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.493	114.222
4) RPL(AMT)	4.864	27.579	b) Mumbai Drawl	21.774	155.333
5) WPCL	7.396	48.048	c) MSEDCL Bilateral *	33.399	218.961
6) Other IPP	16.537	117.460	Include PX	5.683	46.215
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.493	113.244
C) 1) TPCL Thermal	12.983	94.204	Include PX	10.991	67.193
2) TPCL Hydro	2.893	19.270	Standby	0.000	0.978
3) TPCL Gas	4.380	25.882	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.992	63.750	1) MSEDCL	404.777	2862.540
D) STATE			2) Mumbai Discoms	50.022	358.440
1) Thermal	264.475	1901.014	TOTAL STATE	454.799	3220.980
(A1+C1+C4+(B1-B6))					
2) Hydro	8.327	75.985			
(A2+C2)					
3) Gas	11.177	73.129			
(A3+B7+C3)					
4) Wind	19.948	95.435			
6) SOLAR	7.306	49.519			
TOTAL STATE	311.233	2195.082			

* 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 3 Hrs
MSPGCL Thermal	5933	5880	5869	4165
MSPGCL Hydro	385	301	121	79
MSPGCL Gas	276	266	269	294
MSPGCL Total Generation	6594	6447	6259	4538
Central Sector Receipt	7313	7095	5813	5051
WIND	664	575	792	832
CPP / IPP Thermal	5412	5304	5153	4137
CPP / IPP Gas	0	0	0	0
SOLAR	1049	1045	1	0
Exchange with Mumbai	-978	-991	-1184	-697
MSEDCL DEMAND MET	20054	19475	16834	13861
Load Shedding	0	0	0	0
MSEDCL DEMAND	20054	19475	16834	13861
TPCL GENERATION	1052	1038	978	599
AEML GENERATION	499	492	282	284
MUMBAI DEMAND	2529	2521	2444	1580
STATE DEMAND MET	22583	21996	19278	15441
STATE DEMAND	22583	21996	19278	15441
Frequency (Hz)	50.03	49.99	50.04	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 21.49 Hrs	49.7 Hz at 15.44 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 07/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.31	20.58	170	125
Unit 7	0.00	10.70	0	0
Unit 8	11.89	88.97	577	368
Unit 9	0.00	32.54	0	0
Unit 10	0.00	0.00	0	0
Total	15.20	152.78		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.21	74.44	500	280
Unit 5	10.30	73.91	500	280
Total	20.51	148.36		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.24	34.20	248	0
Unit 7	5.13	35.50	249	176
Unit 8	5.42	37.69	252	194
Total	14.79	107.39		
Chandrapur				
Unit 3	3.56	26.19	170	123
Unit 4	3.44	25.30	160	133
Unit 5	8.86	63.69	430	278
Unit 6	8.62	62.42	410	280
Unit 7	0.00	0.00	0	0
Unit 8	10.11	76.56	475	275
Unit 9	10.42	47.13	492	279
Total	45.01	301.30		
Paras				
Unit 3	4.66	36.66	215	185
Unit 4	4.68	35.56	230	183
Total	9.34	72.22		
Khaparkheda				
Unit 1	3.68	26.17	165	140
Unit 2	3.92	27.12	180	140
Unit 3	0.00	0.00	0	0
Unit 4	4.13	29.58	192	140
Unit 5	9.35	53.13	405	325
Total	21.08	136.01		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.21	10.79	170	123
Unit 5	0.00	0.00	0	0
Total	3.21	18.50		
Uran				
All Units	6.80	47.25	303	256
Total	6.80	47.25		
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)	0.24	0.72	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.24	0.72		
Koyna				
Stage 1-2	2.72	22.24	510	40
Stage 4	0.70	14.61	249	0
Stage 3	0.59	7.58	160	0
Total	4.01	44.43		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.22	0.22	45	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	1.03	40	0
RNGR+BHTSA	0.35	2.46	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	2.18	11	10
GHATGHAR	0.46	6.40	125	0
Total	1.42	12.29		
Wind				
Total	19.95	95.44	0	0
Total	19.95	95.44		
CPP				
APML(Mus)	67.61	482.91	0	0
JSWEL(Mus)	17.95	130.52	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.86	27.58	0	0
WPCL(Mus)	7.40	48.05	0	0
Other(Mus)	16.54	117.46	0	0
Total	114.36	806.51		
SOLAR				
Total	7.31	49.52	0	0
Total	7.31	49.52		
Tata				
Trombay 5	8.60	62.07	463	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	15.88	118	102
Trombay 7B	1.60	10.00	68	63
Trombay 8	4.39	32.14	232	135
TATA Hydro	2.89	19.27	330	0
Total	20.26	139.36		
AEML				
DTPS U-1&2	7.99	63.75	500	281
Total	7.99	63.75		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.14	936.55	MSPGCL Total	141.37	1040.51
			MSPGCL Thml+Gas	135.94	983.79	Koyna 1,2 & 4 Total	3.42	36.85
			MSPGCL Hydro	5.43	56.72	State Total	311.23	2195.08

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/Dec/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	4192	139	294	4625	839	4046	0	0	5236	5267	-862	13915	0	13915	1744	15659	50.00
2	4469	64	303	4836	806	4115	0	0	5159	4825	-778	13804	0	13804	1660	15464	50.00
3	4165	79	294	4538	832	4137	0	0	5312	5051	-697	13861	0	13861	1580	15441	50.04
4	4122	79	303	4504	867	4082	0	0	5272	5358	-641	14170	0	14170	1522	15692	50.02
5	4434	64	293	4791	899	4158	0	0	5231	5553	-627	14774	0	14774	1510	16284	49.97
6	5522	74	294	5890	944	4313	0	0	5475	5591	-682	16056	0	16056	1564	17620	49.96
7	5994	64	295	6353	928	4734	0	5	6192	5774	-581	17213	0	17213	1643	18856	50.00
8	6000	214	294	6508	886	5175	0	144	6380	6206	-535	18384	0	18384	1792	20176	49.91
9	5968	751	303	7022	613	5368	0	491	6169	5993	-694	18793	0	18793	2031	20824	49.93
10	5929	749	280	6958	575	5458	0	776	6440	6440	-805	19402	0	19402	2279	21681	49.90
11	5927	981	269	7177	701	5483	0	963	6939	6693	-939	20078	0	20078	2459	22537	49.98
12	5933	385	276	6594	664	5412	0	1049	7400	7313	-978	20054	0	20054	2529	22583	50.03
13	5880	301	266	6447	575	5304	0	1045	7362	7095	-991	19475	0	19475	2521	21996	49.99
14	5862	103	256	6221	555	5093	0	985	7533	7469	-1144	19179	0	19179	2413	21592	50.02
15	5921	166	266	6353	582	5042	0	878	7559	7495	-1138	19212	0	19212	2419	21631	49.98
16	5910	228	265	6403	573	5204	0	635	7492	7175	-1044	18946	0	18946	2431	21377	49.91
17	5913	206	266	6385	602	5347	0	297	6597	6648	-990	18289	0	18289	2419	20708	50.01
18	5950	236	277	6463	613	5415	0	37	5936	5738	-923	17343	0	17343	2399	19742	50.01
19	5869	121	269	6259	792	5153	0	1	5990	5813	-1184	16834	0	16834	2444	19278	50.04
20	5800	116	289	6205	896	4721	0	0	5765	5509	-1244	16087	0	16087	2368	18455	50.02
21	5570	81	280	5931	1082	4362	0	0	5208	5031	-1136	15270	0	15270	2234	17504	50.02
22	5098	76	281	5455	1352	4256	0	0	5369	4987	-1100	14950	0	14950	2148	17098	50.07
23	4396	71	291	4758	1386	4072	0	0	5433	5443	-1023	14636	0	14636	1993	16629	49.99
24	4315	86	293	4694	1386	3911	0	0	5386	5099	-1038	14052	0	14052	1920	15972	50.03
MUs	129.14	5.43	6.80	141.37	19.95	114.36	0.00	7.31	146.84	143.57	-21.77	404.78	0.00	404.78	50.02	454.80	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 07/Dec/2020

Position as on 6.30 Hrs of 08/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	
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 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
MSPGCL	Koradi Unit 9	660	04/12/2020	02.07	08/12/2020	00.25	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	06/12/2020	12.54		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 6	250	06/12/2020	23.45	07/12/2020	03.44	Flame Failure	
MSPGCL	Paras Unit 4	250	08/12/2020	01.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 08/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	06/12/2020	18.05	07/12/2020	10.28	HT	Over Voltage
Chandrapur Bhadravati II	InterState	07/12/2020	06.36	07/12/2020	16.46	EO	DC and Air leakage
Dhule Sar'Sarovar II	InterState	07/12/2020	17.46		Continued.	HT	Over Voltage
Chandrapur Bhadravati II	InterState	07/12/2020	23.30		Continued.	EO	DC leakage
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	06/12/2020	18.56	07/12/2020	07.05	HT	Over Voltage
Padghe - Nagothane - I	IntraState	07/12/2020	12.15	07/12/2020	19.22	PO	Jumper tightening and cold washing work
Dhule - Bableshwar - II	IntraState	07/12/2020	20.29		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
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	07/12/2020	12.04	07/12/2020	20.16	PO	Routine Maintenance Work
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		Continued.	PO	Stringing of HTLS conductor
Talandage - Sawantwadi I	IntraState	07/12/2020	08.00	07/12/2020	16.38	PO	For chemical washing of Insulators of Line
Karad-Nerle	IntraState	07/12/2020	09.15	07/12/2020	13.41	PO	Distance Relay Testing Work
Eklahare (Ocr)Nasik - Padghe 2	IntraState	07/12/2020	09.19	07/12/2020	18.24	PO	Damaged conductor replacement work
Koradi-Ambazari-I	IntraState	07/12/2020	09.20	07/12/2020	17.38	PO	Circuit Breaker overhauling
VILEBHAGAD KANDALGAON	IntraState	07/12/2020	10.15	07/12/2020	17.52	PO	Replacement of LA
Talandge-Hamidwada	IntraState	07/12/2020	10.18	07/12/2020	17.23	PO	Quarterly Maintainance Work
Purti-Bhugaon	IntraState	07/12/2020	10.26	07/12/2020	17.03	PO	Tan Delta Measurment of CTs
Chitegaon-Shendra Ckt-Ii	IntraState	07/12/2020	12.05	07/12/2020	20.10	PO	For Line CT AMP work
karad - Dasgaon	IntraState	07/12/2020	14.05	07/12/2020	16.54	PO	For CT Tan Delta
Shivajinagar-Gangapur	IntraState	07/12/2020	15.03	07/12/2020	19.35	PO	Replacement of Jumpers
220 KV ICT Outages/Trippings							
220/132kv 100mva Ict 1 @Peth	IntraState	05/12/2020	09.04		Continued.	PO	OLTC overhauling work.
220/132 kv 100 MVA ICT @ Anjangaon	IntraState	07/12/2020	11.12	07/12/2020	18.08	PO	Testing Work

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