

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Dec/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.289	1670.121	1) Gujrat	2.243	25.462
2) Hydro	6.715	90.485	2) Madhya Pradesh	11.109	88.062
3) Gas	5.680	79.322	3) Chattisgarh	7.110	76.310
Total MSPGCL	155.684	1839.928	4) Maharashtra	130.452	1614.684
B) 1) APML	67.712	821.633	5) Goa (Amona)	-1.075	-18.302
2) JSWEL	16.400	216.301	Total	149.839	1786.216
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.745	207.134
4) RPL(AMT)	0.000	31.045	b) Mumbai Drawl	21.068	268.970
5) WPCL	7.142	85.150	c) MSEDCL Bilateral *	35.730	387.572
6) Other IPP	17.976	204.375	Include PX	8.774	74.866
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.745	206.157
C) 1) TPCL Thermal	14.236	161.007	Include PX	11.623	124.566
2) TPCL Hydro	3.693	37.330	Standby	0.000	0.978
3) TPCL Gas	0.613	40.439	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.671	108.170	1) MSEDCL	406.574	4944.510
D) STATE			2) Mumbai Discoms	49.280	615.916
1) Thermal	276.426	3297.802	TOTAL STATE	455.854	5560.426
(A1+C1+C4+(B1-B6))					
2) Hydro	10.408	127.815			
(A2+C2)					
3) Gas	6.293	119.761			
(A3+B7+C3)					
4) Wind	8.538	150.758			
6) SOLAR	4.351	78.074			
TOTAL STATE	306.016	3774.210			

* 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	6192	6044	6178	5498
MSPGCL Hydro	474	350	174	110
MSPGCL Gas	280	268	279	130
MSPGCL Total Generation	6946	6662	6630	5738
Central Sector Receipt	7840	7944	5747	5245
WIND	391	127	162	466
CPP / IPP Thermal	5075	4995	5107	3983
CPP / IPP Gas	0	0	0	0
SOLAR	623	639	3	0
Exchange with Mumbai	-940	-984	-883	-873
MSEDCL DEMAND MET	19936	19382	16766	14558
Load Shedding	0	0	0	0
MSEDCL DEMAND	19936	19382	16766	14558
TPCL GENERATION	910	924	1020	447
AEML GENERATION	499	500	499	282
MUMBAI DEMAND	2349	2408	2402	1602
STATE DEMAND MET	22284	21790	19168	16160
STATE DEMAND	22284	21790	19168	16160
Frequency (Hz)	50.00	50.01	49.92	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 04.31 Hrs	49.79 Hz at 18.09 Hrs	50.01	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 12/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	13.70	155.06	620	489
Unit 9	12.56	92.22	526	509
Unit 10	0.00	0.00	0	0
Total	26.26	281.16		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.21	128.34	500	350
Unit 5	11.87	129.00	505	420
Total	23.08	257.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.07	60.19	250	176
Unit 7	4.98	61.07	248	180
Unit 8	5.22	64.48	252	192
Total	15.27	185.73		
Chandrapur				
Unit 3	0.00	40.17	0	0
Unit 4	3.72	43.16	162	140
Unit 5	9.52	108.95	430	275
Unit 6	8.94	105.49	405	280
Unit 7	9.50	31.95	450	275
Unit 8	11.34	132.55	480	465
Unit 9	11.80	104.44	500	483
Total	54.83	566.71		
Paras				
Unit 3	0.00	57.65	0	0
Unit 4	5.30	53.19	240	200
Total	5.30	110.84		
Khaparkheda				
Unit 1	0.00	40.72	0	0
Unit 2	1.64	42.92	180	0
Unit 3	0.00	0.00	0	0
Unit 4	4.13	49.70	190	140
Unit 5	9.56	100.41	405	379
Total	15.33	233.74		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.21	26.91	148	125
Unit 5	0.00	0.00	0	0
Total	3.21	34.61		
Uran				
All Units	5.68	79.32	291	130
Total	5.68	79.32		
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	0.95	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.95		
Koyna				
Stage 1-2	2.48	35.22	365	40
Stage 4	0.83	20.66	473	0
Stage 3	0.81	12.11	80	0
Total	4.12	68.00		
Hydro				
KDPH	0.44	1.48	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.	0.25	1.97	40	0
RNGR+BHTSA	0.36	4.18	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	4.27	21	20
GHATGHAR	1.04	10.36	250	0
Total	2.59	22.49		
Wind				
Total	8.54	150.76	0	0
Total	8.54	150.76		
CPP				
APML(Mus)	67.71	821.63	0	0
JSWEL(Mus)	16.40	216.30	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	31.04	0	0
WPCL(Mus)	7.14	85.15	0	0
Other(Mus)	17.98	204.38	0	0
Total	109.23	1358.50		
SOLAR				
Total	4.35	78.07	0	0
Total	4.35	78.07		
Tata				
Trombay 5	9.44	105.99	460	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.60	24.91	115	30
Trombay 7B	0.01	15.53	8	0
Trombay 8	4.80	55.01	232	136
TATA Hydro	3.69	37.33	360	0
Total	18.54	238.78		
AEML				
DTPS U-1&2	9.67	108.17	500	282
Total	9.67	108.17		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.29	1670.12	MSPGCL Total	155.68	1839.93
			MSPGCL Thml+Gas	148.97	1749.44	Koyna 1,2 & 4 Total	3.32	55.88
			MSPGCL Hydro	6.72	90.48	State Total	306.02	3774.21

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	5812	104	130	6046	461	4013	0	0	5533	5424	-1102	14842	0	14842	1840	16682	50.05
2	5788	100	141	6028	399	3989	0	0	5491	5074	-964	14526	0	14526	1735	16262	50.04
3	5543	94	131	5768	432	3980	0	0	5425	5412	-890	14702	0	14702	1659	16362	50.03
4	5498	110	130	5738	466	3983	0	0	5296	5245	-873	14558	0	14558	1602	16160	50.02
5	5847	94	141	6082	492	4044	0	0	5352	5404	-909	15114	0	15114	1607	16720	50.04
6	5994	100	131	6224	705	4365	0	0	5824	5759	-955	16098	0	16098	1653	17752	50.02
7	6002	110	166	6278	717	4663	0	7	6632	6611	-968	17308	0	17308	1691	18998	50.02
8	6115	560	221	6896	690	5031	0	98	6834	6558	-745	18528	0	18528	1804	20332	50.02
9	6123	940	291	7354	485	5054	0	322	6579	6664	-677	19202	0	19202	1966	21168	50.00
10	6139	1172	280	7592	435	5070	0	499	7013	6966	-865	19696	0	19696	2215	21912	50.03
11	6192	474	280	6946	391	5075	0	623	7940	7840	-940	19936	0	19936	2349	22284	50.00
12	6113	340	279	6732	279	5029	0	650	8250	7987	-1026	19650	0	19650	2447	22098	50.00
13	6044	350	268	6662	127	4995	0	639	7883	7944	-984	19382	0	19382	2408	21790	50.01
14	6086	270	288	6644	176	4943	0	582	7782	7645	-933	19056	0	19056	2299	21356	50.02
15	6044	218	268	6530	107	4882	0	463	7940	7668	-905	18746	0	18746	2250	20996	50.00
16	6085	178	278	6542	85	5066	0	294	7558	7398	-790	18594	0	18594	2279	20874	50.00
17	6030	394	278	6702	71	5105	0	154	6687	6558	-736	17854	0	17854	2281	20134	49.97
18	6046	424	279	6750	92	5135	0	17	6016	5872	-764	17102	0	17102	2308	19410	49.98
19	6178	174	279	6630	162	5107	0	3	5999	5747	-883	16766	0	16766	2402	19168	49.92
20	6079	98	290	6468	205	4895	0	0	5705	5111	-847	15832	0	15832	2379	18210	49.98
21	5793	98	280	6172	265	4341	0	0	5395	5141	-721	15198	0	15198	2210	17408	50.02
22	5708	104	280	6092	419	3690	0	0	5276	5652	-801	15052	0	15052	2077	17130	50.01
23	6016	104	280	6400	426	3370	0	0	5396	5023	-868	14352	0	14352	1965	16316	49.98
24	6014	104	291	6410	451	3405	0	0	5346	5136	-922	14480	0	14480	1855	16334	50.00
MUs	143.29	6.72	5.68	155.68	8.54	109.23	0.00	4.35	153.15	149.84	-21.07	406.57	0.00	406.57	49.28	455.86	50.01

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 12/Dec/2020

Position as on 6.30 Hrs of 13/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	Khaparkhedha 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 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	
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		Continued.	Zero Schedule BY MSEDCL	
MSPGCL	Koradi Unit 6	210	08/12/2020	17.57		Continued.	Zero Schedule BY MSEDCL	
MSPGCL	Khaparkhedha Unit 2	210	11/12/2020	16.05	12/12/2020	12.31	GT oil Leakage	
MSPGCL	Uran Unit 6	108	11/12/2020	20.25	12/12/2020	06.08	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	11/12/2020	22.10		Continued.	BTL	
MSPGCL	Khaparkhedha Unit 1	210	11/12/2020	23.38	13/12/2020	09.33	Boiler Validity Extension	
MSPGCL	Paras Unit 3	250	11/12/2020	23.47	13/12/2020	11.15	Boiler Validity Extension	
TPC-G	Trombay 7B	60	12/12/2020	00.07	12/12/2020	23.30	Gas shortage	
TPC-G	Trombay 7A	120	12/12/2020	00.42	12/12/2020	17.23	Gas shortage	
IPP	Adani U-2	660	12/12/2020	21.41		Continued.	APH-B hot PA Bellow leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 13/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	10/12/2020	19.31	12/12/2020	07.09	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	12/12/2020	13.22	13/12/2020	08.08	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	13/12/2020	13.18		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).
Chandrapur - Khaperkheda	IntraState	11/12/2020	09.47	12/12/2020	06.40	PO	Testing Work
Bhusawal-Aurangabad	IntraState	11/12/2020	19.55	12/12/2020	07.33	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	12/12/2020	09.29	12/12/2020	20.20	PO	Faulty string replacement work
Khadka - Bableshtar	IntraState	12/12/2020	10.15	12/12/2020	18.05	PO	Overhauling of own circuit Breaker
Khadka-Aurangabad (Waluj)	IntraState	12/12/2020	19.12	13/12/2020	07.53	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	12/12/2020	19.40	13/12/2020	08.12	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	13/12/2020	09.01	13/12/2020	20.11	PO	Faulty string replacement work & cold washing.
Khadka-Aurangabad (Waluj)	IntraState	13/12/2020	19.14		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	13/12/2020	19.53		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	13/12/2020	22.12		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 315MVA ICT II @ Parali (Girwali)	IntraState	11/12/2020	19.14	12/12/2020	01.05	PO	Attending DC Leakage
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	13/12/2020	08.58	13/12/2020	16.59	PO	Testing 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)
WARDHA WARDHA (PG) (DEOLI)	InterState	11/12/2020	09.44	12/12/2020	02.13	PO	Replacement 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
Trombay - Mulund	IntraState	29/11/2020	06.57		Continued.	PO	Stringing of HTLS conductor
Trombay-Chembur Line 2	IntraState	12/12/2020	07.40	13/12/2020	10.08	PO	Reinstallation of Bus-I side disconnector switch of bay
Apta - Kalwa1	IntraState	12/12/2020	08.17	12/12/2020	18.00	PO	Providing of additonal Jumper at Cut Point
Pophali - Nerale	IntraState	12/12/2020	08.50	12/12/2020	18.47	PO	Replacement of Damaged Insulator String
REL Borivali Aarey Line	IntraState	12/12/2020	09.00	13/12/2020	18.36	PO	Sheath Fault repair work on Y Phase at JC 2.
Nalasopara-Boisar	IntraState	12/12/2020	09.50	12/12/2020	18.10	PO	Routine Maintenance Work
Salsette - Sahara	IntraState	12/12/2020	09.59	12/12/2020	16.08	PO	Tree Trimming
Chikhli-Jalna-I	IntraState	12/12/2020	10.37	13/12/2020	15.24	HT	Control overloading of Akola ICT
Nanded- Bhokar I	IntraState	12/12/2020	12.10	12/12/2020	17.12	PO	Tan Delta Measurment of CTs

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 12/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 13/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Boisar-Viraj	IntraState	12/12/2020	12.42	12/12/2020	16.54	EO	To attend Hot Spot
Kalwa-Salsette-IV	IntraState	12/12/2020	15.08	12/12/2020	15.15	EO	Kite thread replacement work
Kalwa - Mulund 1	IntraState	12/12/2020	15.24	12/12/2020	18.38	PO	220KV Bus-I sectional suspension jumper connection work
Shivajinagar-Gangapur	IntraState	13/12/2020	07.04	13/12/2020	07.11	HT	Broken conductor indication received.
Gangapur-Valve	IntraState	13/12/2020	07.12	13/12/2020	19.01	HT	B Ph jumper of wave trap opened.
BHIRA (T) - KARANJADE CKT - 7	IntraState	13/12/2020	10.15	13/12/2020	20.52	PO	Removal of spare conductor
Boisar II - Boisar PG II	IntraState	13/12/2020	11.57	13/12/2020	13.16	PO	Post monsoon maintenance work.
Parli(U-VIII) GCR CKT	IntraState	13/12/2020	21.05		Continued.	EO	Attend De-capping at Loc no 12 of 220KV Parbhani NTPS Unit 8 line.
220 KV ICT Outages/Trippings							
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	10/12/2020	09.06		Continued.	PO	For Inspection OF OLTC Diverter Switches Work.
220/33kv 125 MVA Transformer 3 @Chembur R/S	IntraState	12/12/2020	07.17	13/12/2020	10.23	PO	Reinstallation of Bus-I side disconnect switch of Bay
220/100 Kv 100 MVA ICT II @Vasai-ji	IntraState	12/12/2020	10.20	12/12/2020	14.24	PO	LA Replacement work and testing work
100MVA T/F NO.4@ Mulund	IntraState	12/12/2020	15.27	12/12/2020	18.40	PO	220KV Bus-I sectional suspension jumper connection work

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