

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Dec/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.468	3774.310	1) Gujrat	3.779	44.682
2) Hydro	6.239	255.109	2) Madhya Pradesh	7.512	185.421
3) Gas	6.880	171.349	3) Chattisgarh	5.960	165.190
Total MSPGCL	153.587	4200.768	4) Maharashtra	161.872	3787.888
B) 1) APLM	15.713	1300.458	5) Goa (Amona)	-0.709	-35.269
2) JSWEL	18.807	492.137	Total	178.414	4147.912
3) VIPL	0.000	0.000	a) Mumbai Schedule	14.342	455.156
4) RPL(AMT)	21.435	217.896	b) Mumbai Drawl	18.693	521.434
5) WPCL	7.869	200.453	c) MSEDCL Bilateral *	50.892	996.737
6) Other IPP	18.858	473.625	Include PX	21.882	261.868
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	14.342	454.179
C) 1) TPCL Thermal	11.971	360.395	Include PX	7.936	257.565
2) TPCL Hydro	1.414	82.738	Standby	0.000	0.978
3) TPCL Gas	2.648	96.657	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.630	250.520	1) MSEDCL	406.908	10992.959
D) STATE			2) Mumbai Discoms	43.356	1311.743
1) Thermal	243.751	7069.794	TOTAL STATE	450.264	12304.702
(A1+C1+C4+(B1-B6))					
2) Hydro	7.653	337.847			
(A2+C2)					
3) Gas	9.528	268.006			
(A3+B7+C3)					
4) Wind	4.099	308.554			
6) SOLAR	6.819	172.590			
TOTAL STATE	271.850	8156.791			

* 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 24 Hrs
MSPGCL Thermal	6276	6187	5791	5236
MSPGCL Hydro	462	240	642	88
MSPGCL Gas	280	268	280	293
MSPGCL Total Generation	7018	6694	6712	5618
Central Sector Receipt	9197	8986	6637	5940
WIND	57	70	343	299
CPP / IPP Thermal	3961	3751	3296	3185
CPP / IPP Gas	0	0	0	0
SOLAR	872	1006	0	0
Exchange with Mumbai	-643	-689	-940	-911
MSEDCL DEMAND MET	20462	19818	16048	14130
Load Shedding	0	0	0	0
MSEDCL DEMAND	20462	19818	16048	14130
TPCL GENERATION	865	833	749	531
AEML GENERATION	500	500	289	284
MUMBAI DEMAND	2008	2022	1978	1726
STATE DEMAND MET	22470	21840	18026	15856
STATE DEMAND	22470	21840	18026	15856
Frequency (Hz)	50.01	49.99	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 22.00 Hrs	49.84 Hz at 17.39 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 27/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.11	61.88	150	120
Unit 7	2.62	39.76	120	90
Unit 8	13.27	328.78	570	531
Unit 9	12.28	227.56	520	473
Unit 10	0.00	17.23	0	0
Total	31.28	675.22		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.98	265.19	480	450
Unit 5	0.00	252.84	0	0
Total	10.98	518.03		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.73	134.52	250	160
Unit 7	4.63	136.88	249	151
Unit 8	5.19	131.36	250	152
Total	14.55	402.76		
Chandrapur				
Unit 3	3.68	88.53	166	120
Unit 4	3.52	96.53	153	130
Unit 5	9.29	245.37	425	275
Unit 6	9.17	212.79	420	276
Unit 7	9.41	145.39	456	280
Unit 8	0.00	208.25	0	0
Unit 9	11.19	272.84	491	437
Total	46.27	1269.70		
Paras				
Unit 3	5.32	125.45	249	150
Unit 4	3.71	128.18	251	110
Total	9.03	253.63		
Khaparkheda				
Unit 1	3.33	91.62	155	115
Unit 2	4.00	101.90	180	115
Unit 3	4.03	22.15	190	130
Unit 4	4.16	111.59	190	130
Unit 5	9.35	241.43	400	365
Total	24.88	568.69		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.47	78.58	197	130
Unit 5	0.00	0.00	0	0
Total	3.47	86.28		
Uran				
All Units	6.88	171.35	304	268
Total	6.88	171.35		
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)	0.50	4.81	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.50	4.81		
Koyna				
Stage 1-2	2.66	87.10	495	40
Stage 4	1.15	72.33	354	0
Stage 3	0.85	34.62	158	0
Total	4.66	194.05		
Hydro				
KDPH	0.44	8.15	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.67	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	5.04	40	0
RNGR+BHTSA	0.36	9.48	15	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	11.32	10	9
GHATGHAR	0.40	25.40	125	0
Total	1.58	61.06		
Wind				
Total	4.10	308.55	0	0
Total	4.10	308.55		
CPP				
APML(Mus)	15.71	1300.46	0	0
JSWEL(Mus)	18.81	492.14	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	21.44	217.90	0	0
WPCL(Mus)	7.87	200.45	0	0
Other(Mus)	18.86	473.62	0	0
Total	82.68	2684.57		
SOLAR				
Total	6.82	172.59	0	0
Total	6.82	172.59		
Tata				
Trombay 5	7.98	238.59	463	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.49	59.52	66	53
Trombay 7B	1.16	37.14	51	42
Trombay 8	3.99	121.80	229	136
TATA Hydro	1.41	82.74	219	0
Total	16.03	539.79		
AEML				
DTPS U-1&2	8.63	250.52	501	282
Total	8.63	250.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.47	3774.31	MSPGCL Total	153.59	4200.77
			MSPGCL Thml+Gas	147.35	3945.66	Koyna 1,2 & 4 Total	3.80	159.43
			MSPGCL Hydro	6.24	255.11	State Total	271.85	8156.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	5832	88	293	6212	207	3132	0	0	6214	6305	-926	14930	0	14930	1723	16654	50.02
2	5850	92	293	6236	118	3121	0	0	6108	5909	-821	14562	0	14562	1615	16178	50.02
3	5534	92	293	5920	107	3134	0	0	6254	6252	-757	14656	0	14656	1549	16204	50.01
4	5343	82	293	5718	51	3117	0	0	6240	6381	-708	14560	0	14560	1501	16060	50.02
5	5794	102	304	6200	47	3148	0	0	6291	6543	-708	15230	0	15230	1501	16732	50.00
6	6030	82	294	6406	95	3235	0	0	7049	7196	-743	16190	0	16190	1563	17752	50.01
7	6114	98	294	6506	122	3439	0	28	7933	7754	-454	17394	0	17394	1622	19016	50.03
8	6194	436	294	6924	106	3906	0	115	7881	7962	-383	18630	0	18630	1681	20312	49.99
9	6239	950	292	7480	88	4103	0	367	7899	7778	-482	19334	0	19334	1789	21124	49.98
10	6326	594	291	7212	83	4063	0	679	8455	8554	-531	20060	0	20060	1902	21962	50.03
11	6276	462	280	7018	57	3961	0	872	8940	9197	-643	20462	0	20462	2008	22470	50.01
12	6262	392	289	6944	47	3868	0	1023	9329	9164	-725	20320	0	20320	2056	22376	50.01
13	6187	240	268	6694	70	3751	0	1006	9239	8986	-689	19818	0	19818	2022	21840	49.99
14	6112	116	278	6506	70	3465	0	935	9249	8948	-682	19242	0	19242	1951	21192	50.03
15	5963	118	268	6348	125	3404	0	883	9217	9128	-897	18992	0	18992	1876	20868	49.99
16	5936	164	278	6378	133	3409	0	577	9150	9133	-921	18708	0	18708	1842	20550	49.98
17	5917	98	278	6294	140	3413	0	298	8581	8503	-866	17782	0	17782	1826	19608	49.99
18	5883	168	270	6322	215	3359	0	36	7609	7622	-853	16700	0	16700	1849	18550	50.00
19	5791	642	280	6712	343	3296	0	0	6623	6637	-940	16048	0	16048	1978	18026	50.01
20	5902	532	291	6724	436	3377	0	0	6268	6095	-869	15764	0	15764	2034	17798	50.03
21	5383	228	292	5904	402	3291	0	0	6372	6309	-1073	14832	0	14832	1997	16830	50.00
22	5190	256	281	5728	355	3296	0	0	6135	6114	-1107	14386	0	14386	1924	16310	50.01
23	5174	116	293	5584	383	3209	0	0	6088	6004	-1004	14176	0	14176	1821	15996	49.99
24	5236	88	293	5618	299	3185	0	0	6008	5940	-911	14130	0	14130	1726	15856	50.00
MUs	140.47	6.24	6.88	153.59	4.10	82.68	0.00	6.82	179.13	178.41	-18.69	406.91	0.00	406.91	43.36	450.26	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 27/Dec/2020

Position as on 6.30 Hrs of 28/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	Koyna STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital Overhaul	
MSPGCL	Chandrapur Unit-8	500	20/12/2020	00.00		Continued.	Annual 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	
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)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
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)	
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.	
IPP	Adani U-1	660	16/12/2020	10.58		Continued.	Withdrawal For RSD.	
IPP	Adani U-3	660	23/12/2020	23.59		Continued.	Turbine Bearing Vibration.	
MSPGCL	Bhusawal Unit 5	500	24/12/2020	21.15		Continued.	Due to clinker formed inside the bottom ash hopper	
MSPGCL	Koradi Unit 10	660	25/12/2020	10.56		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-3	135	28/12/2020	00.00		Continued.	ID Fan Problem	
TPC-G	Trombay 7A	120	28/12/2020	06.00		Continued.	Gas Control Valve Deviation	
TPC-G	Trombay 7B	60	28/12/2020	06.00		Continued.	Gas Control Valve Deviation	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 28/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	26/12/2020	17.35	27/12/2020	09.13	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	27/12/2020	09.37		Continued.	PO	Maintenance Work(RFC at 17.25 Hrs)
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	26/12/2020	22.53	27/12/2020	08.01	HT	Over Voltage
Khadka - Bableshtar	IntraState	27/12/2020	09.09	27/12/2020	18.47	PO	Cold Washing of Insulator string
Khadka-Aurangabad (Waluj)	IntraState	27/12/2020	19.10		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	28/12/2020	00.49		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
400/220kv 315MVA ICT-III @ Kharghar	IntraState	25/12/2020	00.06	27/12/2020	22.38	PO	Oil Filtration work.
400/220kv 315 Mva ICT II @Karad	IntraState	27/12/2020	13.54	27/12/2020	15.34	T	Differential protection
400/220kv 315MVA ICT-III @ Kharghar	IntraState	28/12/2020	05.08		Continued.	HT	Air release
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 - Kalwa	IntraState	16/12/2020	06.43		Continued.	PO	HTLS work.
Chinchwad- Parvati	IntraState	21/12/2020	12.06		Continued.	PO	CB Overhauling work
Trombay-Chembur Line 1	IntraState	27/12/2020	13.33	27/12/2020	13.37	PO	Replacement work
Karad - Kadegaon	IntraState	27/12/2020	17.01	27/12/2020	20.50	EO	Replacement work
220 KV ICT Outages/Trippings							
220/33kv 125 MVA Transformer 3 @Chembur R/S	IntraState	26/12/2020	07.28	27/12/2020	15.26	PO	Replacement work
220/33kv 125 MVA Transformer 1 @Chembur R/S	IntraState	26/12/2020	09.40	27/12/2020	13.32	PO	CT Replacement work
220/22 Kv 50 Mva Bhel Ptr 1 @Mahad	IntraState	27/12/2020	08.30		Continued.	PO	Gasket Replacement work
220/100 Kv 100 Mva Cgl Ict 2 @Tambati	IntraState	27/12/2020	11.11		Continued.	PO	HV circuit Breaker overhauling

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