

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Dec/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.408	1219.853	1) Gujrat	1.909	18.632
2) Hydro	7.142	68.309	2) Madhya Pradesh	6.264	59.703
3) Gas	6.751	60.731	3) Chattisgarh	6.370	55.320
Total MSPGCL	160.301	1348.893	4) Maharashtra	139.839	1210.393
B) 1) APLM	68.161	617.938	5) Goa (Amona)	-1.558	-14.514
2) JSWEL	18.564	167.496	Total	152.824	1329.534
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.717	149.346
4) RPL(AMT)	0.000	31.045	b) Mumbai Drawl	22.269	199.869
5) WPCL	7.651	63.014	c) MSEDCL Bilateral *	33.473	286.122
6) Other IPP	17.003	151.482	Include PX	4.326	54.518
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.717	148.369
C) 1) TPCL Thermal	13.392	120.679	Include PX	10.609	87.634
2) TPCL Hydro	3.478	25.815	Standby	0.000	0.978
3) TPCL Gas	3.633	33.308	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.216	81.174	1) MSEDCL	420.616	3697.691
D) STATE			2) Mumbai Discoms	51.988	460.846
1) Thermal	280.395	2452.681	TOTAL STATE	472.604	4158.537
(A1+C1+C4+(B1-B6))					
2) Hydro	10.620	94.124			
(A2+C2)					
3) Gas	10.384	94.039			
(A3+B7+C3)					
4) Wind	11.591	124.925			
6) SOLAR	6.790	63.233			
TOTAL STATE	319.780	2829.002			

* 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	6379	6427	6572	5195
MSPGCL Hydro	551	134	304	102
MSPGCL Gas	277	266	268	302
MSPGCL Total Generation	7207	6827	7144	5599
Central Sector Receipt	7703	7770	5977	5403
WIND	469	357	310	706
CPP / IPP Thermal	5169	5145	5113	3961
CPP / IPP Gas	0	0	0	0
SOLAR	1042	1012	0	0
Exchange with Mumbai	-1049	-1029	-1147	-782
MSEDCL DEMAND MET	20541	20082	17396	14887
Load Shedding	0	0	0	0
MSEDCL DEMAND	20541	20082	17396	14887
TPCL GENERATION	1048	1042	1061	596
AEML GENERATION	500	499	300	282
MUMBAI DEMAND	2597	2570	2508	1660
STATE DEMAND MET	23138	22652	19904	16547
STATE DEMAND	23138	22652	19904	16547
Frequency (Hz)	50.02	49.97	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.09 Hz at 01.02 Hrs	49.9 Hz at 00.10 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 09/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	13.03	113.71	578	446
Unit 9	12.61	54.64	530	520
Unit 10	0.00	0.00	0	0
Total	25.64	202.23		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.63	95.56	500	280
Unit 5	11.06	95.50	505	285
Total	21.70	191.06		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.17	44.59	250	176
Unit 7	5.21	45.84	248	169
Unit 8	5.38	48.49	250	184
Total	15.76	138.92		
Chandrapur				
Unit 3	3.52	33.32	165	124
Unit 4	3.53	32.34	155	136
Unit 5	8.82	81.42	430	280
Unit 6	8.40	79.52	400	280
Unit 7	5.50	6.02	305	162
Unit 8	11.25	98.45	495	380
Unit 9	11.51	69.52	497	463
Total	52.54	400.58		
Paras				
Unit 3	5.16	46.89	243	186
Unit 4	1.44	37.18	207	0
Total	6.60	84.07		
Khaparkheda				
Unit 1	3.58	33.46	160	135
Unit 2	3.84	34.82	180	140
Unit 3	0.00	0.00	0	0
Unit 4	3.89	37.59	185	140
Unit 5	9.65	72.20	405	392
Total	20.95	178.08		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.22	17.21	150	127
Unit 5	0.00	0.00	0	0
Total	3.22	24.91		
Uran				
All Units	6.75	60.73	302	265
Total	6.75	60.73		
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)	0.07	0.79	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	0.79		
Koyna				
Stage 1-2	2.84	27.58	440	40
Stage 4	1.39	16.16	354	0
Stage 3	0.98	9.19	206	0
Total	5.20	52.93		
Hydro				
KDPH	0.15	0.15	19	0
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.	0.16	1.31	40	0
RNGR+BHTSA	0.33	3.14	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	2.96	18	17
GHATGHAR	0.88	7.60	250	0
Total	1.94	15.38		
Wind				
Total	11.59	124.92	0	0
Total	11.59	124.92		
CPP				
APML(Mus)	68.16	617.94	0	0
JSWEL(Mus)	18.56	167.50	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	31.04	0	0
WPCL(Mus)	7.65	63.01	0	0
Other(Mus)	17.00	151.48	0	0
Total	111.38	1030.98		
SOLAR				
Total	6.79	63.23	0	0
Total	6.79	63.23		
Tata				
Trombay 5	8.87	79.56	463	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.21	20.43	113	73
Trombay 7B	1.42	12.88	66	53
Trombay 8	4.52	41.12	232	134
TATA Hydro	3.48	25.82	330	0
Total	20.50	179.80		
AEML				
DTPS U-1&2	9.22	81.17	500	281
Total	9.22	81.17		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.41	1219.85	MSPGCL Total	160.30	1348.89
			MSPGCL Thml+Gas	153.16	1280.58	Koyna 1,2 & 4 Total	4.22	43.74
			MSPGCL Hydro	7.14	68.31	State Total	319.78	2829.00

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	5598	82	292	5972	678	3999	0	0	5585	5318	-955	15012	0	15012	1852	16864	50.02
2	5377	82	282	5741	711	3958	0	0	5530	5505	-824	15091	0	15091	1736	16827	49.99
3	5195	102	302	5599	706	3961	0	0	5481	5403	-782	14887	0	14887	1660	16547	49.99
4	5315	177	282	5774	784	3962	0	0	5440	5189	-744	14965	0	14965	1595	16560	50.01
5	5700	97	292	6089	805	3934	0	0	5483	5343	-741	15430	0	15430	1590	17020	50.03
6	6018	92	293	6403	715	4033	0	0	5860	6252	-790	16613	0	16613	1645	18258	49.99
7	6368	578	292	7238	574	4555	0	4	6344	6524	-553	18342	0	18342	1730	20072	50.03
8	6419	602	292	7313	512	5038	0	124	6546	6635	-521	19101	0	19101	1861	20962	50.02
9	6400	1163	292	7855	584	5153	0	432	6498	6408	-662	19770	0	19770	2107	21877	50.04
10	6387	880	291	7558	520	5162	0	762	7053	7072	-803	20271	0	20271	2346	22617	50.00
11	6406	896	269	7571	505	5165	0	910	7490	7464	-1018	20597	0	20597	2534	23131	50.02
12	6379	551	277	7207	469	5169	0	1042	7671	7703	-1049	20541	0	20541	2597	23138	50.02
13	6427	134	266	6827	357	5145	0	1012	7674	7770	-1029	20082	0	20082	2570	22652	49.97
14	6441	136	266	6843	277	5088	0	923	7636	7498	-1004	19625	0	19625	2512	22137	49.97
15	6413	71	265	6749	220	5087	0	810	7767	7739	-1006	19599	0	19599	2520	22119	49.96
16	6436	146	276	6858	210	5089	0	517	7696	7625	-950	19349	0	19349	2527	21876	49.99
17	6558	194	267	7018	210	5150	0	230	6854	6757	-856	18510	0	18510	2502	21012	50.02
18	6552	364	280	7196	253	5188	0	24	6260	6202	-814	18048	0	18048	2490	20538	50.02
19	6572	304	268	7144	310	5113	0	0	6036	5977	-1147	17396	0	17396	2508	19904	50.02
20	6370	104	289	6762	435	4861	0	0	6014	5762	-1241	16580	0	16580	2430	19010	50.04
21	5990	104	279	6372	449	4332	0	0	5836	5447	-1202	15398	0	15398	2319	17718	50.06
22	5661	98	270	6030	479	4092	0	0	5804	5834	-1176	15258	0	15258	2209	17468	50.00
23	5692	94	289	6074	413	4075	0	0	5820	5830	-1192	15200	0	15200	2116	17316	49.95
24	5734	94	280	6108	415	4070	0	0	5764	5567	-1210	14950	0	14950	2032	16982	50.01
MUs	146.41	7.14	6.75	160.30	11.59	111.38	0.00	6.79	154.14	152.82	-22.27	420.62	0.00	420.62	51.99	472.60	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 09/Dec/2020

Position as on 6.30 Hrs of 10/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 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	
MSPGCL	Paras Unit 4	250	08/12/2020	01.00	09/12/2020	15.30	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	08/12/2020	17.30		Continued.	Due To Zero Schedule.	
MSPGCL	Koradi Unit 6	210	08/12/2020	17.57		Continued.	Due To Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 09/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 10/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Tripping							
765/400kv 1500MVA ICT @ Akola-II	IntraState	09/12/2020	12.37	09/12/2020	17.16	PO	Testing of ICT.
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	08/12/2020	19.05	09/12/2020	06.36	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	09/12/2020	13.17	10/12/2020	00.44	PO	Conductor & Earthwire H/W tightening work.
Dhule Sar'Sarovar II	InterState	09/12/2020	17.31	10/12/2020	06.44	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	09/12/2020	20.02	09/12/2020	22.25	T	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	08/12/2020	19.10	09/12/2020	06.42	HT	Over Voltage
Karad - Talandge Ckt 2	IntraState	09/12/2020	08.46	09/12/2020	17.07	PO	Cold line washing work.
Deepnagar Taptitanda	IntraState	09/12/2020	08.50	09/12/2020	10.40	PO	Line Signature Analysis.
Nagothane - Dabhol I	IntraState	09/12/2020	09.07	09/12/2020	17.38	PO	Emergency tree cutting work.
Girwali-Solapur (Lamboti)	IntraState	09/12/2020	10.18	09/12/2020	16.28	PO	Hardware tightening and fitting work.
Akola II - RPL(Rattanindia) Ckt I	IntraState	09/12/2020	11.23		Continued.	HT	For Load Management.
Akola II - RPL(Rattanindia) Ckt-II	IntraState	09/12/2020	11.47	09/12/2020	17.33	HT	For Load Management.
Koradi-Khaperkheda li	IntraState	09/12/2020	13.00	09/12/2020	18.18	PO	Routine Maintenance Work
Deepnagar - Aurangabad	IntraState	09/12/2020	13.38	09/12/2020	18.22	PO	Routine maintenance by 400kv LMSD waluj.
Khadka-Aurangabad (Waluj)	IntraState	09/12/2020	18.40	10/12/2020	06.19	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	09/12/2020	19.34	10/12/2020	06.25	HT	Over Voltage
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 lct 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
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
Butibori-Indorama	IntraState	08/12/2020	06.39		Continued.	PO	Breaker replacement CT PT Replacement IR Measurement & Meter Replacement Work.(Two Days Outage)
Loteparshuram- Dasturi Line	IntraState	08/12/2020	12.04	09/12/2020	02.15	T	Distance Protection
Salsette Borivli 2	IntraState	09/12/2020	08.05	09/12/2020	17.51	PO	Replacement Of Hydraulic cylinders.
Nigade- Peth Line	IntraState	09/12/2020	10.00	09/12/2020	13.23	PO	For Attending B PH CT Oil Leakage.
Hamidwada-Mumewadi	IntraState	09/12/2020	10.15	09/12/2020	15.24	PO	Replacment of Flashover Insulator at Loc No.106 & 107 B PH.
Karad - Vita Ckt- II	IntraState	09/12/2020	10.29	09/12/2020	14.10	PO	CB & Relay Testing.

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 09/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 10/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Koradi-Ambazari-I	IntraState	09/12/2020	10.38	09/12/2020	18.02	PO	For Circuit Breaker Pole Overhauling.
Paras-Balapur I	IntraState	09/12/2020	11.49	09/12/2020	14.15	PO	Relay Testing Work & Routine Maintenance Work.
Hinganghat - Hinganghat Rly TSS 1	IntraState	09/12/2020	12.46	09/12/2020	14.25	PO	Fro AMR Project Testing & Commissioning Work.
Karad - Vita Ckt- I	IntraState	09/12/2020	14.23	09/12/2020	17.41	PO	For CB Testing.
Hinganghat - Hinganghat Rly TSS-2	IntraState	09/12/2020	14.35		Continued.	PO	For AMR Project Testing & Commissioning Work.
Shivajinagar-Gangapur	IntraState	09/12/2020	15.25	09/12/2020	20.17	PO	For Replacement of Jumpers With Jump Cone With New One At LOC.No. 201,202,204,205,206,207.
Mahad - Pedambe	IntraState	09/12/2020	18.10	09/12/2020	19.05	EO	B Ph. CT Oil Top up Work.
220 KV ICT Outages/Trippings							
220KV/132KV 200MVA ICT III @ Miraj	IntraState	09/12/2020	09.35	09/12/2020	16.20	PO	ICT HV CT Tan Delta Measurement Work & SFRA Test.
220/132 Kv 100 Mva Ict 1 @South Solapur (Kumbhari)	IntraState	09/12/2020	09.35	09/12/2020	14.40	EO	Emergency Outage OLTC Overhauling Work.
220/132 Kv 100mva Ict 2 @South Solapur (Kumbhari)	IntraState	09/12/2020	14.55	09/12/2020	19.45	PO	Emergency Outage For OLTC Overhauling Work.

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