

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Dec/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.521	1816.642	1) Gujrat	2.558	28.020
2) Hydro	7.877	98.362	2) Madhya Pradesh	8.534	96.596
3) Gas	6.815	86.137	3) Chattisgarh	6.250	82.560
Total MSPGCL	161.213	2001.141	4) Maharashtra	129.424	1744.108
B) 1) APML	53.057	874.690	5) Goa (Amona)	-0.933	-19.235
2) JSWEL	17.271	233.572	Total	145.833	1932.049
3) VIPL	0.000	0.000	a) Mumbai Schedule	14.916	222.051
4) RPL(AMT)	0.000	31.045	b) Mumbai Drawl	16.369	285.339
5) WPCL	7.084	92.234	c) MSEDCL Bilateral *	33.140	420.712
6) Other IPP	17.684	222.059	Include PX	6.119	80.986
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	14.916	221.073
C) 1) TPCL Thermal	13.071	174.078	Include PX	8.567	133.132
2) TPCL Hydro	1.511	38.841	Standby	0.000	0.978
3) TPCL Gas	3.383	43.822	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.524	116.694	1) MSEDCL	395.825	5340.335
D) STATE			2) Mumbai Discoms	42.858	658.774
1) Thermal	263.212	3561.014	TOTAL STATE	438.683	5999.109
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	9.388	137.203			
3) Gas (A3+B7+C3)	10.198	129.959			
4) Wind	5.559	156.317			
6) SOLAR	4.493	82.567			
TOTAL STATE	292.850	4067.060			

* 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	6262	6436	6440	5121
MSPGCL Hydro	1159	286	234	99
MSPGCL Gas	280	279	290	280
MSPGCL Total Generation	7701	7001	6964	5500
Central Sector Receipt	7303	7423	5489	5245
WIND	97	104	56	248
CPP / IPP Thermal	4437	4367	4212	3447
CPP / IPP Gas	0	0	0	0
SOLAR	586	722	1	0
Exchange with Mumbai	-640	-657	-910	-868
MSEDCL DEMAND MET	19484	18960	15812	13572
Load Shedding	0	0	0	0
MSEDCL DEMAND	19484	18960	15812	13572
TPCL GENERATION	819	825	723	582
AEML GENERATION	499	500	282	283
MUMBAI DEMAND	1958	1982	1915	1733
STATE DEMAND MET	21442	20942	17727	15305
STATE DEMAND	21442	20942	17727	15305
Frequency (Hz)	50.01	50.04	50.02	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 14.03 Hrs	49.82 Hz at 05.15 Hrs	50.02	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 13/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	11.35	166.40	567	340
Unit 9	12.25	104.47	526	377
Unit 10	0.00	0.00	0	0
Total	23.60	304.75		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.02	139.36	500	280
Unit 5	10.98	139.98	500	280
Total	22.01	279.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.97	65.16	250	180
Unit 7	4.79	65.86	248	173
Unit 8	5.14	69.62	245	193
Total	14.90	200.63		
Chandrapur				
Unit 3	0.00	40.17	0	0
Unit 4	3.66	46.82	160	139
Unit 5	9.08	118.03	415	275
Unit 6	9.09	114.58	400	277
Unit 7	10.13	42.08	450	287
Unit 8	11.24	143.79	485	450
Unit 9	11.81	116.25	499	484
Total	55.01	621.72		
Paras				
Unit 3	2.52	60.16	226	0
Unit 4	5.46	58.66	250	178
Total	7.98	118.82		
Khaparkheda				
Unit 1	1.94	42.65	155	0
Unit 2	4.12	47.05	180	140
Unit 3	0.00	0.00	0	0
Unit 4	4.36	54.06	190	141
Unit 5	9.44	109.85	400	375
Total	19.87	253.61		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.15	30.05	145	127
Unit 5	0.00	0.00	0	0
Total	3.15	37.76		
Uran				
All Units	6.82	86.14	292	269
Total	6.82	86.14		
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	0.95	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.95		
Koyna				
Stage 1-2	2.44	37.66	490	40
Stage 4	2.50	23.17	745	0
Stage 3	0.95	13.06	160	0
Total	5.89	73.88		
Hydro				
KDPH	0.46	1.94	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.	0.26	2.23	40	0
RNGR+BHTSA	0.36	4.54	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	4.76	21	20
GHATGHAR	0.42	10.79	125	0
Total	1.99	24.48		
Wind				
Total	5.56	156.32	0	0
Total	5.56	156.32		
CPP				
APML(Mus)	53.06	874.69	0	0
JSWEL(Mus)	17.27	233.57	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	31.04	0	0
WPCL(Mus)	7.08	92.23	0	0
Other(Mus)	17.68	222.06	0	0
Total	95.10	1453.60		
SOLAR				
Total	4.49	82.57	0	0
Total	4.49	82.57		
Tata				
Trombay 5	8.71	114.70	462	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.02	26.93	117	65
Trombay 7B	1.36	16.89	67	50
Trombay 8	4.36	59.38	233	136
TATA Hydro	1.51	38.84	212	0
Total	17.96	256.74		
AEML				
DTPS U-1&2	8.52	116.69	500	281
Total	8.52	116.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.52	1816.64	MSPGCL Total	161.21	2001.14
			MSPGCL Thml+Gas	153.34	1902.78	Koyna 1,2 & 4 Total	4.94	60.82
			MSPGCL Hydro	7.88	98.36	State Total	292.85	4067.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	6040	106	280	6426	451	3403	0	0	5332	5319	-814	14785	0	14785	1751	16536	49.96
2	5873	101	290	6264	427	3393	0	0	5302	5249	-763	14570	0	14570	1668	16238	49.98
3	5871	106	291	6268	427	3410	0	0	5254	5066	-712	14459	0	14459	1593	16052	50.00
4	5997	106	281	6384	391	3394	0	0	5214	4989	-654	14504	0	14504	1536	16040	49.97
5	5979	95	281	6355	467	3460	0	0	5342	5430	-661	15051	0	15051	1545	16596	49.98
6	6060	110	291	6461	391	3915	0	0	5673	5734	-697	15804	0	15804	1589	17393	50.01
7	6179	190	281	6650	407	4329	0	3	6128	6295	-431	17253	0	17253	1634	18887	50.04
8	6181	429	291	6901	343	4410	0	82	6394	6639	-357	18018	0	18018	1679	19697	50.05
9	6185	1288	281	7754	296	4438	0	239	6210	6237	-466	18498	0	18498	1788	20286	49.99
10	6199	1324	290	7813	177	4442	0	429	6493	6750	-562	19049	0	19049	1885	20934	50.00
11	6262	1159	280	7701	97	4437	0	586	7116	7303	-640	19484	0	19484	1958	21442	50.01
12	6370	773	279	7422	81	4406	0	746	7562	7354	-663	19346	0	19346	1986	21332	50.03
13	6436	286	279	7001	104	4367	0	722	7585	7423	-657	18960	0	18960	1982	20942	50.04
14	6423	229	289	6941	67	4272	0	687	7350	7316	-601	18682	0	18682	1920	20602	50.06
15	6478	149	279	6906	65	4178	0	549	7487	7437	-709	18426	0	18426	1841	20267	50.07
16	6438	94	269	6801	69	4180	0	328	7318	7370	-547	18201	0	18201	1788	19989	50.02
17	6389	174	289	6852	42	4144	0	108	6473	6422	-480	17088	0	17088	1764	18852	50.02
18	6442	219	280	6941	37	4365	0	13	5856	5959	-628	16687	0	16687	1790	18477	50.05
19	6440	234	290	6964	56	4212	0	1	5606	5489	-910	15812	0	15812	1915	17727	50.02
20	6478	299	291	7068	90	4023	0	0	5257	5245	-891	15535	0	15535	1932	17467	50.00
21	6125	99	270	6494	237	3542	0	0	5336	4910	-885	14298	0	14298	1909	16207	50.02
22	5403	104	292	5799	309	3457	0	0	5440	5380	-890	14055	0	14055	1877	15932	50.03
23	5152	104	291	5547	280	3472	0	0	5454	5272	-883	13688	0	13688	1795	15483	50.04
24	5121	99	280	5500	248	3447	0	0	5472	5245	-868	13572	0	13572	1733	15305	50.03
MUs	146.52	7.88	6.82	161.21	5.56	95.10	0.00	4.49	146.65	145.83	-16.37	395.83	0.00	395.83	42.86	438.68	50.02

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 13/Dec/2020

Position as on 6.30 Hrs of 14/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	
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	Chandrapur Unit 3	210	11/12/2020	22.10		Continued.	BTL	
MSPGCL	Khaparkheda 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	
IPP	Adani U-2	660	12/12/2020	21.41		Continued.	APH-B hot PA Bellow leakage	
MSPGCL	Paras Unit 3	250	14/12/2020	02.40		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 14/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 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).
Khadka-Aurangabad (Waluj)	IntraState	12/12/2020	19.12	13/12/2020	07.53	HT	Over Voltage
Dhule - Bableshwar - 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 - Bableshwar - 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 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)
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
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.
Chikhli-Jalna-I	IntraState	12/12/2020	10.37	13/12/2020	15.24	HT	Control overloading of Akola ICT
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	14/12/2020	00.20	EO	Attend De-capping at Loc no 12 of 220KV Parbhani NTPS Unit 8 line.
Kharghar-Borivali ckt II	IntraState	14/12/2020	02.10		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	10/12/2020	09.06	14/12/2020	05.57	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 disconnector switch of Bay

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