

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Dec/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.803	540.161	1) Gujrat	2.510	10.056
2) Hydro	6.961	41.473	2) Madhya Pradesh	6.969	30.803
3) Gas	6.768	26.869	3) Chattisgarh	6.210	26.630
Total MSPGCL	152.532	608.503	4) Maharashtra	127.688	539.163
B) 1) APLM	69.232	281.315	5) Goa (Amona)	-1.682	-6.178
2) JSWEL	19.324	77.388	Total	141.695	600.474
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.997	63.303
4) RPL(AMT)	4.730	13.926	b) Mumbai Drawl	22.812	94.083
5) WPCL	5.838	29.090	c) MSEDCL Bilateral *	33.878	120.393
6) Other IPP	17.467	68.236	Include PX	5.143	30.987
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.997	62.326
C) 1) TPCL Thermal	12.811	56.333	Include PX	11.477	36.408
2) TPCL Hydro	3.496	12.595	Standby	0.000	0.978
3) TPCL Gas	3.726	12.938	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.790	38.703	1) MSEDCL	407.538	1656.356
D) STATE			2) Mumbai Discoms	51.635	214.653
1) Thermal	276.995	1105.152	TOTAL STATE	459.173	1871.009
(A1+C1+C4+(B1-B6))					
2) Hydro	10.457	54.068			
(A2+C2)					
3) Gas	10.494	39.807			
(A3+B7+C3)					
4) Wind	12.574	43.926			
6) SOLAR	6.958	27.581			
TOTAL STATE	317.478	1270.534			

* 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 24 Hrs
MSPGCL Thermal	6017	5934	5948	5519
MSPGCL Hydro	696	289	232	67
MSPGCL Gas	266	267	280	292
MSPGCL Total Generation	6979	6490	6460	5878
Central Sector Receipt	7229	7412	5477	4769
WIND	382	357	454	586
CPP / IPP Thermal	5398	5284	5161	4182
CPP / IPP Gas	0	0	0	0
SOLAR	995	990	0	0
Exchange with Mumbai	-967	-1074	-1234	-1012
MSEDCL DEMAND MET	20016	19459	16318	14403
Load Shedding	0	0	0	0
MSEDCL DEMAND	20016	19459	16318	14403
TPCL GENERATION	1138	1064	930	659
AEML GENERATION	501	443	283	284
MUMBAI DEMAND	2606	2581	2447	1955
STATE DEMAND MET	22622	22040	18765	16358
STATE DEMAND	22622	22040	18765	16358
Frequency (Hz)	49.98	49.97	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 14.02 Hrs	49.7 Hz at 16.25 Hrs	49.98	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 04/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.52	10.70	200	120
Unit 7	3.02	6.19	155	108
Unit 8	12.91	53.06	579	479
Unit 9	0.92	32.54	520	0
Unit 10	0.00	0.00	0	0
Total	20.36	102.50		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.52	44.41	500	330
Unit 5	11.52	43.32	500	295
Total	23.04	87.74		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.02	20.02	250	174
Unit 7	5.02	20.53	249	169
Unit 8	5.38	21.70	251	199
Total	15.41	62.24		
Chandrapur				
Unit 3	3.71	15.41	172	115
Unit 4	3.67	14.80	162	135
Unit 5	8.96	37.06	415	265
Unit 6	8.69	36.62	405	282
Unit 7	0.00	0.00	0	0
Unit 8	11.20	45.18	491	440
Unit 9	11.33	14.99	494	309
Total	47.56	164.06		
Paras				
Unit 3	5.36	21.44	254	190
Unit 4	4.88	20.30	243	36
Total	10.24	41.74		
Khaparkheda				
Unit 1	3.70	15.18	170	135
Unit 2	3.90	15.50	180	140
Unit 3	0.00	0.00	0	0
Unit 4	4.16	17.25	192	140
Unit 5	9.59	24.99	410	395
Total	21.34	72.92		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	0.86	1.26	140	0
Unit 5	0.00	0.00	0	0
Total	0.86	8.96		
Uran				
All Units	6.77	26.87	294	266
Total	6.77	26.87		
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	0.08	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.08		
Koyna				
Stage 1-2	2.40	14.82	320	40
Stage 4	1.33	12.80	500	0
Stage 3	1.18	6.02	160	0
Total	4.92	33.64		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	0.59	40	0
RNGR+BHTSA	0.35	1.41	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	1.23	14	13
GHATGHAR	1.21	4.60	250	0
Total	2.04	7.84		
Wind				
Total	12.57	43.93	0	0
Total	12.57	43.93		
CPP				
APML(Mus)	69.23	281.32	0	0
JSWEL(Mus)	19.32	77.39	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.73	13.93	0	0
WPCL(Mus)	5.84	29.09	0	0
Other(Mus)	17.47	68.24	0	0
Total	116.59	469.96		
SOLAR				
Total	6.96	27.58	0	0
Total	6.96	27.58		
Tata				
Trombay 5	8.44	37.13	459	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.30	7.68	118	61
Trombay 7B	1.43	5.26	68	47
Trombay 8	4.37	19.21	234	137
TATA Hydro	3.50	12.60	336	50
Total	20.03	81.87		
AEML				
DTPS U-1&2	8.79	38.70	501	282
Total	8.79	38.70		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.80	540.16	MSPGCL Total	152.53	608.50
			MSPGCL Thml+Gas	145.57	567.03	Koyna 1,2 & 4 Total	3.73	27.62
			MSPGCL Hydro	6.96	41.47	State Total	317.48	1270.53

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	5814	79	292	6185	771	4211	0	0	5071	5159	-1061	15265	0	15265	1905	17170	50.01
2	5811	69	292	6172	821	4219	0	0	5203	4805	-965	15052	0	15052	1773	16825	50.03
3	4893	74	292	5259	912	4205	0	0	5186	5275	-880	14771	0	14771	1688	16459	50.01
4	4969	74	293	5336	933	4222	0	0	5135	5275	-814	14952	0	14952	1623	16575	50.00
5	5485	74	283	5842	844	4219	0	0	5142	5304	-787	15422	0	15422	1600	17022	49.98
6	5809	69	293	6171	815	4489	0	0	5694	5931	-819	16587	0	16587	1661	18248	49.97
7	6003	79	294	6376	727	4988	0	34	6207	6037	-591	17571	0	17571	1738	19309	49.99
8	6029	435	293	6757	692	5316	0	145	6256	6293	-508	18695	0	18695	1864	20559	49.93
9	6069	1009	292	7370	476	5374	0	524	6179	6193	-702	19235	0	19235	2102	21337	49.91
10	6039	847	270	7156	419	5372	0	770	6521	6159	-811	19065	0	19065	2352	21417	49.94
11	6040	923	289	7252	348	5365	0	902	7115	6757	-909	19715	0	19715	2546	22261	49.92
12	6017	696	266	6979	382	5398	0	995	7420	7229	-967	20016	0	20016	2606	22622	49.98
13	5934	289	267	6490	357	5284	0	990	7356	7412	-1074	19459	0	19459	2581	22040	49.97
14	5879	198	267	6344	285	5121	0	936	7425	7272	-1206	18752	0	18752	2469	21221	50.03
15	5966	343	266	6575	211	5079	0	822	7456	7503	-1162	19028	0	19028	2448	21476	50.02
16	6013	332	266	6611	237	5315	0	544	7201	6727	-1107	18327	0	18327	2480	20807	49.93
17	5983	347	277	6607	190	5405	0	266	6336	6109	-769	17808	0	17808	2459	20267	49.87
18	5998	277	268	6543	329	5366	0	30	5701	5628	-780	17116	0	17116	2422	19538	49.93
19	5948	232	280	6460	454	5161	0	0	5549	5477	-1234	16318	0	16318	2447	18765	49.98
20	5873	207	280	6360	500	5106	0	0	5255	5314	-1260	16020	0	16020	2396	18416	50.01
21	5694	97	281	6072	411	4740	0	0	5162	4781	-1192	14812	0	14812	2287	17099	50.02
22	5518	72	292	5882	391	4273	0	0	5217	5295	-1130	14711	0	14711	2178	16889	50.08
23	5500	72	283	5855	483	4181	0	0	5199	4991	-1072	14438	0	14438	2055	16493	50.00
24	5519	67	292	5878	586	4182	0	0	5180	4769	-1012	14403	0	14403	1955	16358	50.01
MUs	138.80	6.96	6.77	152.53	12.57	116.59	0.00	6.96	144.17	141.70	-22.81	407.54	0.00	407.54	51.63	459.17	49.98

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 04/Dec/2020

Position as on 6.30 Hrs of 05/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 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	
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.	
MSPGCL	Paras Unit 4	250	03/12/2020	20.00	04/12/2020	00.32	Drum level High.	
IPP	SWPGL U-2	135	03/12/2020	23.40		Continued.	Withdrawn	
MSPGCL	Nasik Unit 4	210	04/12/2020	00.25	04/12/2020	17.13	Air heater problem	
MSPGCL	Koradi Unit 9	660	04/12/2020	02.07		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 05/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
Dabhol Nagothane I	InterState	02/12/2020	04.40	04/12/2020	18.59	T	Distance Protection
Dhule Sar'Sarovar II	InterState	03/12/2020	17.47	04/12/2020	06.29	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	04/12/2020	17.40		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	03/12/2020	19.52	04/12/2020	07.45	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	04/12/2020	01.43	04/12/2020	19.18	T	Distance Protection
Girwali - Lonikand 1	IntraState	04/12/2020	10.43	04/12/2020	18.39	PO	Bay Maintenance Work.
Khadka-Aurangabad (Waluj)	IntraState	04/12/2020	19.39		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	04/12/2020	20.12		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
400/220/22 Kv 100 Mva Ict 1 @Koradi	IntraState	03/12/2020	10.35	04/12/2020	19.07	EO	Attending Oil Leakage
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	04/12/2020	11.29	04/12/2020	19.53	PO	Diagnostic Testing
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	04/12/2020	19.38	04/12/2020	23.32	PO	To Attend Hot Spot On LV Side CT.
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
OSMANABAD BARSHI	IntraState	02/12/2020	22.43		Continued.	HT	Breaker lockout At Barshi end.
New Koyana - Loteparshuram	IntraState	04/12/2020	09.37	04/12/2020	17.33	PO	Routine Maintenance Work
Sawantwadi-Bidri	IntraState	04/12/2020	09.50	04/12/2020	14.30	PO	Tan Delta Testing.
Niwali - Pawas Line	IntraState	04/12/2020	09.50	04/12/2020	18.39	PO	For Cold & Chemical Washing Of Insulator Strings
Centuri Enka- Bhosari	IntraState	04/12/2020	10.02	04/12/2020	17.00	PO	PDR Relay Testing Work
Kamba - Kolshet	IntraState	04/12/2020	11.03	04/12/2020	20.00	PO	Routine Maintenance Work
Wpcl-Warora 1	IntraState	04/12/2020	13.00	04/12/2020	16.26	PO	Testing Work
Kharghar-Sonkhar	IntraState	04/12/2020	13.01	04/12/2020	18.34	EO	Attending Hot Spot
Satana-Gangapur	IntraState	04/12/2020	13.28	04/12/2020	14.24	PO	Line Maintenance work
Wpcl-Warora 2	IntraState	04/12/2020	16.35	04/12/2020	17.48	PO	AMR Commissioning Work.
Bus A at Padgha	IntraState	04/12/2020	16.55		Continued.	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/132kv 100 Mva Ict 2 @Peth	IntraState	02/12/2020	09.00	04/12/2020	13.05	PO	OLTC overhauling.
220/132 Kv 200 Mva Cgl Ict 1	IntraState	04/12/2020	09.58	04/12/2020	16.01	PO	ICT Body Painting Works

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 04/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 05/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Boisar-li							
220/132KV 100MVA ICT- 1@Ranjangaon	IntraState	04/12/2020	17.17	04/12/2020	20.03	T	Y-Phase LA burst.