

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Dec/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.567	265.484	1) Gujrat	3.006	4.557
2) Hydro	7.327	26.008	2) Madhya Pradesh	8.639	17.423
3) Gas	6.678	13.353	3) Chattisgarh	6.740	14.360
Total MSPGCL	150.572	304.845	4) Maharashtra	139.018	277.684
B) 1) APLM	69.875	143.934	5) Goa (Amona)	-1.508	-2.984
2) JSWEL	19.548	38.706	Total	155.895	311.040
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.561	42.469
4) RPL(AMT)	4.168	4.188	b) Mumbai Drawl	24.601	49.381
5) WPCL	7.390	15.487	c) MSEDCL Bilateral *	46.371	86.514
6) Other IPP	17.183	33.895	Include PX	16.483	25.844
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.583	41.492
C) 1) TPCL Thermal	14.828	28.905	Include PX	12.214	24.931
2) TPCL Hydro	3.279	6.316	Standby	0.978	0.978
3) TPCL Gas	2.979	6.197	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.585	19.558	1) MSEDCL	417.653	834.045
D) STATE			2) Mumbai Discoms	55.272	110.357
1) Thermal	279.144	550.157	TOTAL STATE	472.925	944.402
(A1+C1+C4+(B1-B6))					
2) Hydro	10.606	32.324			
(A2+C2)					
3) Gas	9.657	19.550			
(A3+B7+C3)					
4) Wind	10.561	17.849			
6) SOLAR	7.062	13.482			
TOTAL STATE	317.030	633.362			

* 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	5830	5849	5772	5306
MSPGCL Hydro	433	279	601	107
MSPGCL Gas	267	266	279	282
MSPGCL Total Generation	6530	6394	6652	5695
Central Sector Receipt	8060	7946	5445	5750
WIND	683	556	429	398
CPP / IPP Thermal	5145	4765	5497	4371
CPP / IPP Gas	0	0	0	0
SOLAR	1021	1050	1	0
Exchange with Mumbai	-1264	-1209	-989	-1082
MSEDCL DEMAND MET	20175	19502	17035	15132
Load Shedding	0	0	0	0
MSEDCL DEMAND	20175	19502	17035	15132
TPCL GENERATION	979	992	1152	526
AEML GENERATION	497	500	498	282
MUMBAI DEMAND	2740	2701	2639	1890
STATE DEMAND MET	22915	22203	19674	17022
STATE DEMAND	22915	22203	19674	17022
Frequency (Hz)	50.00	49.95	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.02 Hrs	49.8 Hz at 12.19 Hrs	50	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 02/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.21	3.54	175	0
Unit 7	0.42	0.42	78	0
Unit 8	13.37	27.11	586	486
Unit 9	12.27	20.80	535	415
Unit 10	0.00	0.00	0	0
Total	28.27	51.87		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.03	22.50	500	390
Unit 5	10.70	21.76	490	415
Total	21.72	44.26		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.09	9.84	250	175
Unit 7	4.99	10.41	248	169
Unit 8	5.26	10.88	250	175
Total	15.34	31.12		
Chandrapur				
Unit 3	3.98	8.05	174	155
Unit 4	3.77	7.55	159	152
Unit 5	9.66	19.10	415	385
Unit 6	9.40	19.05	407	372
Unit 7	0.00	0.00	0	0
Unit 8	11.39	22.44	485	465
Unit 9	0.00	2.99	0	0
Total	38.19	79.19		
Paras				
Unit 3	5.94	10.52	255	210
Unit 4	5.88	11.46	251	235
Total	11.82	21.97		
Khaparkheda				
Unit 1	3.86	7.76	170	140
Unit 2	3.98	7.72	180	140
Unit 3	0.00	0.00	0	0
Unit 4	4.38	8.91	192	140
Unit 5	5.86	5.86	410	0
Total	18.08	30.24		
Nasik				
Unit 3	3.15	6.83	142	127
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	3.15	6.83		
Uran				
All Units	6.68	13.35	293	258
Total	6.68	13.35		
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)	0.03	0.08	32	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	0.08		
Koyna				
Stage 1-2	3.34	8.98	465	40
Stage 4	1.43	9.69	450	0
Stage 3	0.91	3.89	116	0
Total	5.68	22.57		
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.	0.14	0.27	40	0
RNGR+BHTSA	0.35	0.70	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.29	0.61	12	11
GHATGHAR	0.87	1.85	200	0
Total	1.64	3.44		
Wind				
Total	10.56	17.85	0	0
Total	10.56	17.85		
CPP				
APML(Mus)	69.88	143.93	0	0
JSWEL(Mus)	19.55	38.71	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.17	4.19	0	0
WPCL(Mus)	7.39	15.49	0	0
Other(Mus)	17.18	33.90	0	0
Total	118.16	236.21		
SOLAR				
Total	7.06	13.48	0	0
Total	7.06	13.48		
Tata				
Trombay 5	9.79	19.05	467	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.73	3.63	114	59
Trombay 7B	1.25	2.57	66	47
Trombay 8	5.04	9.86	234	137
TATA Hydro	3.28	6.32	340	2
Total	21.09	41.42		
AEML				
DTPS U-1&2	9.58	19.56	500	237
Total	9.58	19.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.57	265.48	MSPGCL Total	150.57	304.84
			MSPGCL Thml+Gas	143.24	278.84	Koyna 1,2 & 4 Total	4.77	18.67
			MSPGCL Hydro	7.33	26.01	State Total	317.03	633.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	5415	237	291	5943	527	4276	0	0	5847	5778	-1250	15274	0	15274	2062	17336	49.98
2	5416	182	281	5879	540	4512	0	0	5872	5494	-1167	15258	0	15258	1979	17237	49.98
3	5306	107	282	5695	398	4371	0	0	5963	5750	-1082	15132	0	15132	1890	17022	49.97
4	5316	77	291	5684	365	4236	0	0	5958	5946	-957	15274	0	15274	1764	17038	49.98
5	5562	222	272	6056	309	4675	0	0	5784	5712	-890	15862	0	15862	1750	17612	50.02
6	5556	72	291	5919	253	5224	0	0	6140	6277	-759	16914	0	16914	1801	18715	49.97
7	5607	72	293	5972	234	5296	0	7	7055	7136	-571	18074	0	18074	1872	19946	49.99
8	5692	452	281	6425	197	5313	0	147	7428	7326	-674	18734	0	18734	1988	20722	50.02
9	5770	791	292	6853	215	5434	0	474	7246	7086	-874	19188	0	19188	2218	21406	50.03
10	5885	836	269	6990	286	5478	0	741	7290	7259	-1090	19664	0	19664	2520	22184	49.99
11	5962	411	278	6651	568	5472	0	935	8019	7795	-1237	20184	0	20184	2713	22897	49.98
12	5830	433	267	6530	683	5145	0	1021	8682	8060	-1264	20175	0	20175	2740	22915	50.00
13	5849	279	266	6394	556	4765	0	1050	8268	7946	-1209	19502	0	19502	2701	22203	49.95
14	5851	207	266	6324	490	4549	0	947	7974	8150	-1130	19330	0	19330	2622	21952	50.02
15	5850	422	266	6538	401	4672	0	850	8079	8086	-1163	19384	0	19384	2638	22022	50.03
16	5770	177	266	6213	415	5096	0	583	8072	7964	-1138	19133	0	19133	2657	21790	49.98
17	5836	306	277	6419	365	5276	0	267	7130	6966	-980	18313	0	18313	2643	20956	49.96
18	5798	754	258	6810	374	5478	0	39	5853	5841	-922	17620	0	17620	2605	20225	50.00
19	5772	601	279	6652	429	5497	0	1	5627	5445	-989	17035	0	17035	2639	19674	50.00
20	5722	393	279	6394	444	5391	0	0	5574	5539	-1086	16682	0	16682	2547	19229	50.01
21	5665	85	280	6030	502	4857	0	0	5447	5127	-1103	15413	0	15413	2391	17804	50.02
22	5716	66	281	6063	603	4507	0	0	5342	5251	-993	15431	0	15431	2270	17701	50.02
23	5732	80	281	6093	677	4421	0	0	5320	4854	-978	15067	0	15067	2163	17230	50.01
24	5689	65	291	6045	730	4223	0	0	5474	5107	-1095	15010	0	15010	2099	17109	50.04
MUs	136.57	7.33	6.68	150.57	10.56	118.16	0.00	7.06	159.44	155.90	-24.60	417.65	0.00	417.65	55.27	472.92	50.00

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 02/Dec/2020

Position as on 6.30 Hrs of 03/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	Koradi Unit 7	210	27/08/2019	09.52	02/12/2020	16.34	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
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 4	210	27/11/2020	20.00		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 5	500	30/11/2020	07.59	02/12/2020	06.56	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	01/12/2020	07.00		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	02/12/2020	14.06	02/12/2020	23.30	Flame Failure	
AEML	AEML Unit 1	250	02/12/2020	19.41	02/12/2020	22.19	Flame Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 03/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	01/12/2020	18.28	03/12/2020	06.30	HT	Over Voltage
Koradi Satpur	InterState	02/12/2020	01.12	02/12/2020	01.48	T	Distance Protection
Dabhol Nagothane I	InterState	02/12/2020	04.40		Continued.	T	Distance Protection
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).
Dhule - Bableshwar - II	IntraState	01/12/2020	17.22	02/12/2020	07.00	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/12/2020	19.42	02/12/2020	06.57	HT	Over Voltage
Karad - Lonikand 1	IntraState	02/12/2020	11.35	02/12/2020	16.52	PO	For CB Timing, DCRM, CRM and CT Tan Delta.
Chandrapu II - Chandrapur SW Ckt II	IntraState	02/12/2020	11.52	02/12/2020	18.34	PO	Diagnostic testing work of line CVT.
Khadka-Aurangabad (Waluj)	IntraState	02/12/2020	17.43		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	02/12/2020	20.04		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
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	02/12/2020	10.46	02/12/2020	13.59	PO	DCRM of Main Breaker.
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)
Tillari Amona	InterState	02/11/2020	14.30	02/12/2020	07.14	PO	220 kv Amona Bay old CB Replacement (civil,Erection & Commissioning,testing)Work at 220 kv Tillari Switch yard.(Charge From Tillari end only)
Aurangabad PG (Chitepimpalgaon)-Chitegaon Ckt-II	InterState	02/12/2020	10.20	02/12/2020	18.22	PO	For line CT AMP works.
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
Mahad - Pedambe	IntraState	02/12/2020	08.35	02/12/2020	18.05	PO	Line Maintenance work
Talandage - Sawantwadi I	IntraState	02/12/2020	08.38	02/12/2020	19.32	PO	For chemical washing of insulators of the line.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/12/2020	09.58	02/12/2020	17.40	PO	R,Y,B Phase Conductor restringing
OSMANABAD BARSHI	IntraState	02/12/2020	10.26	02/12/2020	21.28	PO	Outage is required for Quarterly Maintenance.
Niwali - Pawas Line	IntraState	02/12/2020	12.40	02/12/2020	13.03	T	Distance Protection
Pedhambe - Oni	IntraState	02/12/2020	12.45	02/12/2020	17.08	T	Distance Protection
ACCIL - Apta	IntraState	02/12/2020	13.06	02/12/2020	18.16	PO	AMR interface meter charging work
Niwali - Pawas Line	IntraState	02/12/2020	13.54	02/12/2020	18.52	PO	Distance Protection
OSMANABAD BARSHI	IntraState	02/12/2020	22.43		Continued.	HT	Breaker lockout At Barshi end.

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 02/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 03/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132kv 100 Mva Ict 2 @Peth	IntraState	02/12/2020	09.00		Continued.	PO	OLTC overhauling.
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	02/12/2020	09.30	02/12/2020	09.41	PO	To reclose HV main bus isolator.
220/132 KV 100 MVA ICT - II @ Ghatodi	IntraState	02/12/2020	15.09	02/12/2020	16.37	EO	Attending Oil Leakage
220/132 kv 100 MVA ICT II @ Butibori	IntraState	02/12/2020	17.14	02/12/2020	17.26	EO	CT testing work.