

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Dec/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.926	2248.572	1) Gujrat	2.974	35.988
2) Hydro	12.446	125.064	2) Madhya Pradesh	8.128	122.597
3) Gas	6.740	106.519	3) Chattisgarh	6.170	101.670
Total MSPGCL	169.112	2480.155	4) Maharashtra	139.270	2155.773
B) 1) APML	36.444	1020.497	5) Goa (Amona)	-1.424	-23.514
2) JSWEL	17.823	287.754	Total	155.118	2392.514
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.283	272.412
4) RPL(AMT)	4.228	35.273	b) Mumbai Drawl	17.758	341.329
5) WPCL	7.759	113.533	c) MSEDCL Bilateral *	38.278	533.914
6) Other IPP	17.859	274.749	Include PX	9.223	108.611
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.283	271.435
C) 1) TPCL Thermal	13.282	212.164	Include PX	9.922	165.023
2) TPCL Hydro	3.592	50.269	Standby	0.000	0.978
3) TPCL Gas	4.411	55.318	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.598	143.547	1) MSEDCL	407.454	6541.373
D) STATE			2) Mumbai Discoms	48.641	802.626
1) Thermal	256.919	4336.089	TOTAL STATE	456.095	7343.999
(A1+C1+C4+(B1-B6))					
2) Hydro	16.038	175.333			
(A2+C2)					
3) Gas	11.151	161.837			
(A3+B7+C3)					
4) Wind	11.419	180.765			
6) SOLAR	5.450	97.462			
TOTAL STATE	300.977	4951.486			

* 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 4 Hrs
MSPGCL Thermal	6934	6934	6471	4870
MSPGCL Hydro	1504	850	1192	140
MSPGCL Gas	288	267	259	281
MSPGCL Total Generation	8726	8050	7922	5292
Central Sector Receipt	7691	7727	6081	5434
WIND	132	114	469	755
CPP / IPP Thermal	3431	3423	3518	3462
CPP / IPP Gas	0	0	0	0
SOLAR	790	857	0	0
Exchange with Mumbai	-881	-852	-803	-544
MSEDCL DEMAND MET	19888	19320	17186	14398
Load Shedding	0	0	0	0
MSEDCL DEMAND	19888	19320	17186	14398
TPCL GENERATION	1115	1117	1097	602
AEML GENERATION	499	499	499	282
MUMBAI DEMAND	2495	2468	2399	1428
STATE DEMAND MET	22384	21788	19586	15826
STATE DEMAND	22384	21788	19586	15826
Frequency (Hz)	50.01	50.02	50.01	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 22.01 Hrs	49.65 Hz at 09.57 Hrs	49.99	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 16/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.90	25.08	150	0
Unit 7	1.43	12.13	137	0
Unit 8	11.50	201.20	538	376
Unit 9	10.67	138.67	530	300
Unit 10	0.00	0.00	0	0
Total	25.50	377.07		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.72	170.28	500	280
Unit 5	10.44	170.58	500	285
Total	21.16	340.86		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.27	79.95	250	175
Unit 7	5.18	80.29	245	180
Unit 8	5.43	85.11	250	196
Total	15.88	245.35		
Chandrapur				
Unit 3	3.63	48.43	170	119
Unit 4	3.52	57.49	160	133
Unit 5	8.96	144.46	425	278
Unit 6	6.14	137.18	400	0
Unit 7	9.08	69.21	453	278
Unit 8	10.52	175.41	472	305
Unit 9	11.05	149.32	491	314
Total	52.90	781.51		
Paras				
Unit 3	5.02	66.85	235	166
Unit 4	5.38	74.54	247	168
Total	10.40	141.39		
Khaparkheda				
Unit 1	3.48	53.20	160	130
Unit 2	3.80	58.56	175	135
Unit 3	0.00	0.00	0	0
Unit 4	4.03	65.59	190	140
Unit 5	9.16	137.40	405	337
Total	20.48	314.74		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.61	39.94	185	128
Unit 5	0.00	0.00	0	0
Total	3.61	47.65		
Uran				
All Units	6.74	106.52	292	259
Total	6.74	106.52		
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)	0.08	1.12	46	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	1.12		
Koyna				
Stage 1-2	4.96	48.30	550	40
Stage 4	3.56	29.21	688	0
Stage 3	1.78	16.64	240	0
Total	10.29	94.15		
Hydro				
KDPH	0.44	3.27	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.	0.20	2.89	40	0
RNGR+BHTSA	0.36	5.63	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	6.26	23	22
GHATGHAR	0.62	12.64	125	0
Total	2.16	30.92		
Wind				
Total	11.42	180.76	0	0
Total	11.42	180.76		
CPP				
APML(Mus)	36.44	1020.50	0	0
JSWEL(Mus)	17.82	287.75	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.23	35.27	0	0
WPCL(Mus)	7.76	113.53	0	0
Other(Mus)	17.86	274.75	0	0
Total	84.11	1731.81		
SOLAR				
Total	5.45	97.46	0	0
Total	5.45	97.46		
Tata				
Trombay 5	8.77	139.97	456	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	34.03	118	114
Trombay 7B	1.61	21.28	68	66
Trombay 8	4.52	72.19	231	138
TATA Hydro	3.59	50.27	297	0
Total	21.28	317.75		
AEML				
DTPS U-1&2	9.60	143.55	501	281
Total	9.60	143.55		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.93	2248.57	MSPGCL Total	169.11	2480.16
			MSPGCL Thml+Gas	156.67	2355.09	Koyna 1,2 & 4 Total	8.51	77.51
			MSPGCL Hydro	12.45	125.06	State Total	300.98	4951.49

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	4917	270	281	5468	625	3748	0	0	5549	5667	-731	14778	0	14778	1643	16420	49.98
2	5150	100	291	5542	598	3757	0	0	5460	5262	-638	14520	0	14520	1546	16066	49.95
3	4975	100	281	5356	682	3657	0	0	5421	5352	-594	14454	0	14454	1478	15932	49.97
4	4870	140	281	5292	755	3462	0	0	5413	5434	-544	14398	0	14398	1428	15826	49.97
5	5346	206	291	5842	712	3431	0	0	5567	5617	-544	15058	0	15058	1429	16488	49.97
6	5812	100	291	6204	781	3471	0	0	6190	6140	-612	15984	0	15984	1497	17480	49.96
7	6478	220	292	6990	778	3567	0	2	6774	6868	-694	17512	0	17512	1581	19092	49.96
8	6714	888	282	7884	705	3777	0	58	6950	6715	-568	18572	0	18572	1753	20324	50.00
9	6703	1166	291	8160	578	3912	0	269	6867	6729	-587	19060	0	19060	2021	21082	49.91
10	6751	1296	290	8336	472	3892	0	500	7071	7127	-738	19590	0	19590	2262	21852	49.87
11	6851	1284	270	8406	296	3638	0	675	7536	7141	-855	19300	0	19300	2443	21744	49.94
12	6934	1504	288	8726	132	3431	0	790	7824	7691	-881	19888	0	19888	2495	22384	50.01
13	6934	850	267	8050	114	3423	0	857	7927	7727	-852	19320	0	19320	2468	21788	50.02
14	6929	290	277	7496	158	3389	0	834	7822	7789	-800	18866	0	18866	2381	21248	50.03
15	6835	266	266	7366	189	3386	0	749	7933	8002	-775	18918	0	18918	2374	21292	50.02
16	6760	270	267	7298	126	3387	0	505	7982	8225	-743	18798	0	18798	2368	21166	50.03
17	6766	486	267	7518	146	3446	0	183	7330	7148	-706	17736	0	17736	2351	20086	50.01
18	6677	1026	288	7992	279	3522	0	28	6221	6440	-729	17532	0	17532	2343	19874	49.96
19	6471	1192	259	7922	469	3518	0	0	6077	6081	-803	17186	0	17186	2399	19586	50.01
20	6546	386	290	7222	564	3510	0	0	6088	5673	-727	16242	0	16242	2338	18580	50.02
21	6336	96	280	6712	603	3237	0	0	5898	5792	-913	15430	0	15430	2223	17654	50.02
22	6263	106	290	6658	559	3161	0	0	5673	5590	-960	15008	0	15008	2085	17094	50.03
23	6023	102	270	6394	583	3193	0	0	5612	5346	-916	14600	0	14600	1925	16526	50.01
24	5885	102	290	6278	515	3198	0	0	5716	5562	-848	14704	0	14704	1810	16514	50.04
MUs	149.93	12.45	6.74	169.11	11.42	84.11	0.00	5.45	156.90	155.12	-17.76	407.45	0.00	407.45	48.64	456.10	49.99

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 16/Dec/2020

Position as on 6.30 Hrs of 17/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	
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	16/12/2020	08.43	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	08/12/2020	17.30	16/12/2020	03.23	Zero Schedule BY MSEDCL	
MSPGCL	Koradi Unit 6	210	08/12/2020	17.57	16/12/2020	07.12	Zero Schedule BY MSEDCL	
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.	
MSPGCL	Chandrapur Unit 6	500	16/12/2020	17.50		Continued.	Essentail Maintenance work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 17/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	14/12/2020	15.17	16/12/2020	10.04	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	16/12/2020	18.05		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	15/12/2020	19.20	16/12/2020	07.06	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	15/12/2020	19.38	16/12/2020	08.45	HT	Over Voltage
Chandrapur - Parli	IntraState	16/12/2020	10.20	16/12/2020	19.47	PO	Line Maintenance work
TBC @ Babhaleshtar	IntraState	16/12/2020	11.20	16/12/2020	13.03	PO	CB Time & LBB Testing.
Bhusawal-Aurangabad	IntraState	16/12/2020	17.50		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	16/12/2020	18.35		Continued.	HT	Over Voltage
Khadka - Bableshtar	IntraState	17/12/2020	00.38	17/12/2020	03.35	T	Distance Protection
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 II @Lamboti	IntraState	16/12/2020	09.48		Continued.	PO	For Replacement Of IV Bushing Of B-Phase Unit.
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	16/12/2020	10.20	16/12/2020	18.44	PO	Regular maintenance 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 Salsette 1 Backbay	IntraState	15/12/2020	23.43	16/12/2020	03.56	PO	Metro work.
Trombay-Salsette II	IntraState	16/12/2020	00.00	16/12/2020	03.56	PO	Metro work.
Cable Borivli Aarey 2	IntraState	16/12/2020	00.00	16/12/2020	06.08	PO	Sheat Fault Repair Work on Y - phase at JC 2.
REL Borivali Aarey Line	IntraState	16/12/2020	00.27	16/12/2020	06.08	PO	Sheeth fault repair work.
Trombay - Kalwa	IntraState	16/12/2020	06.43		Continued.	PO	HTLS work.
Taloja li - OCIL-II	IntraState	16/12/2020	07.50	16/12/2020	19.30	PO	AMR Meter Commission & CT PT Testing.
Main Bus Section-I@ Pedambe	IntraState	16/12/2020	08.40	16/12/2020	12.51	PO	Routine Maintenance Work
Kolhapur-Bidri	IntraState	16/12/2020	09.33	16/12/2020	14.51	PO	Insulator cleaning Work.
Wada - Bhaveshgar	IntraState	16/12/2020	09.54	16/12/2020	17.47	PO	For Diagnostic Testing Work At 220KV Bhaveshgar S/S.CT Tan Delta,CB CRM & Timimg & IR Value Of CT,CB & LA.
Uran - Kharghar I	IntraState	16/12/2020	10.05	16/12/2020	22.50	PO	Replacement Of TBC Isolator Work.
Paranda-Barshi	IntraState	16/12/2020	10.06	16/12/2020	13.22	PO	Quarterly Maintainance Work
chandrapur-Tadali	IntraState	16/12/2020	10.49	16/12/2020	17.33	PO	For Diagnostic Testing Work.
Halkarni-Mahalaxmi line	IntraState	16/12/2020	10.50	16/12/2020	14.44	EO	Attending Hot Spot Of Y PH Wave

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 16/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 17/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Trap.
Uran - Kharghar 2	IntraState	16/12/2020	14.20	16/12/2020	14.40	T	Distance Protection From kharghar End Only.
Ongc Uran - Jnpt	IntraState	16/12/2020	14.22	16/12/2020	15.58	T	Distance Protection From JNPT End Only.
Uran - Ongc Uran	IntraState	16/12/2020	14.44		Continued.	T	Distance Protection
Shivajinagar-Gangapur	IntraState	16/12/2020	15.00	16/12/2020	21.04	PO	For Replacement Of jumpers With Jump Cone At Location no.271,272,273 &274.
220 KV ICT Outages/Trippings							
220/132 kV 100 MVA ICT @ Anjangaon	IntraState	14/12/2020	11.30		Continued.	PO	Filtration of Oil of Main tank and Routine Maint.work
220/33kV 125 MVA Transformer 2 @Gorai R/S	IntraState	16/12/2020	09.40	16/12/2020	20.41	PO	Annual Maintenance Work of 220/33KV 125 MVA TR-2 i.e Bay no.07
220/132 Kv 200mva Alstom Ict 1 @Jalna	IntraState	16/12/2020	19.56	16/12/2020	22.06	T	Main Buchholz trip.

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