

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Jan/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.380	2021.879	1) Gujrat	4.459	75.417
2) Hydro	8.994	220.188	2) Madhya Pradesh	10.636	228.590
3) Gas	4.682	82.422	3) Chattisgarh	6.550	121.980
Total MSPGCL	146.056	2324.489	4) Maharashtra	114.822	1934.416
B) 1) APML	73.012	1193.722	5) Goa (Amona)	-0.418	-9.592
2) JSWEL	24.679	409.895	Total	136.049	2350.811
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.016	358.984
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.642	377.383
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	30.277	449.571
6) Other IPP	15.339	260.504	Include PX	7.842	73.770
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.016	358.984
C) 1) TPCL Thermal	14.018	245.588	Include PX	7.625	137.143
2) TPCL Hydro	3.684	56.939	Standby	0.000	0.000
3) TPCL Gas	1.274	29.562	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.344	117.039	1) MSEDCL	386.470	6415.122
D) STATE			2) Mumbai Discoms	44.962	826.513
1) Thermal	264.772	4248.627	TOTAL STATE	431.432	7241.635
(A1+C1+C4+(B1-B6))					
2) Hydro	12.678	277.127			
(A2+C2)					
3) Gas	5.956	111.984			
(A3+B7+C3)					
4) Wind	4.821	158.775			
6) SOLAR	7.156	94.309			
TOTAL STATE	295.383	4890.822			

* 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	5771	5894	5897	4756
MSPGCL Hydro	438	484	92	70
MSPGCL Gas	251	261	263	118
MSPGCL Total Generation	6460	6639	6252	4944
Central Sector Receipt	7465	7062	5257	4565
WIND	165	175	79	410
CPP / IPP Thermal	5006	4936	4990	4145
CPP / IPP Gas	0	0	0	0
SOLAR	975	1053	0	0
Exchange with Mumbai	-1166	-1164	-1052	-519
MSEDCL DEMAND MET	18905	18701	15526	13545
Load Shedding	0	0	0	0
MSEDCL DEMAND	18905	18701	15526	13545
TPCL GENERATION	982	921	949	499
AEML GENERATION	249	249	249	187
MUMBAI DEMAND	2397	2334	2250	1205
STATE DEMAND MET	21302	21035	17776	14750
STATE DEMAND	21302	21035	17776	14750
Frequency (Hz)	50.01	49.96	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 14.02 Hrs	49.72 Hz at 07.22 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 17/Jan/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	12.84	192.70	620	380
Unit 9	12.25	190.76	595	365
Unit 10	12.99	148.89	570	465
Total	38.08	532.35		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	39.82	0	0
Unit 7	0.00	45.72	0	0
Unit 8	5.15	68.26	237	189
Total	5.15	153.80		
Chandrapur				
Unit 3	4.17	72.08	187	162
Unit 4	3.93	65.39	173	152
Unit 5	7.96	140.20	342	320
Unit 6	10.48	179.85	475	360
Unit 7	0.00	0.00	0	0
Unit 8	10.80	182.31	475	360
Unit 9	10.59	176.76	475	360
Total	47.93	816.60		
Paras				
Unit 3	3.76	77.44	215	0
Unit 4	5.42	90.72	250	191
Total	9.18	168.16		
Khaparkheda				
Unit 1	4.10	23.99	185	155
Unit 2	4.19	24.52	185	160
Unit 3	4.21	25.80	199	158
Unit 4	4.29	29.16	190	160
Unit 5	11.24	177.10	500	375
Total	28.03	280.57		
Nasik				
Unit 3	2.72	69.11	190	0
Unit 4	1.29	1.29	149	0
Unit 5	0.00	0.00	0	0
Total	4.01	70.40		
Uran				
All Units	4.68	82.42	275	117
Total	4.68	82.42		
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)	0.22	1.73	49	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.22	1.73		
Koyna				
Stage 1-2	2.32	57.24	390	35
Stage 4	3.39	92.16	905	0
Stage 3	1.39	31.76	240	0
Total	7.10	181.15		
Hydro				
KDPH	0.00	4.12	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.21	7.89	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	2.40	80	0
RNGR+BHTSA	0.36	5.71	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.28	5.75	12	11
GHATGHAR	0.85	13.11	125	0
Total	1.90	39.04		
Wind				
Total	4.82	158.78	0	0
Total	4.82	158.78		
CPP				
APML(Mus)	73.01	1193.72	0	0
JSWEL(Mus)	24.68	409.90	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.34	260.50	0	0
Total	113.03	1864.12		
SOLAR				
Total	7.16	94.31	0	0
Total	7.16	94.31		
Tata				
Trombay 5	8.95	158.09	476	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.03	16.76	101	0
Trombay 7B	0.24	12.80	40	0
Trombay 8	5.07	87.50	244	182
TATA Hydro	3.68	56.94	294	0
Total	18.98	332.09		
AEML				
DTPS U-1&2	5.34	117.04	250	187
Total	5.34	117.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.38	2021.88	MSPGCL Total	146.06	2324.49
			MSPGCL Thml+Gas	137.06	2104.30	Koyna 1,2 & 4 Total	5.71	149.39
			MSPGCL Hydro	8.99	220.19	State Total	295.38	4890.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Jan/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	5039	75	117	5231	401	4223	0	0	4719	4590	-686	13759	0	13759	1371	15130	50.02
2	4772	65	118	4955	390	4197	0	0	4651	4574	-578	13538	0	13538	1264	14802	49.96
3	4756	70	118	4944	410	4145	0	0	4539	4565	-519	13545	0	13545	1205	14750	50.00
4	4749	66	118	4933	411	4118	0	0	4515	4676	-490	13648	0	13648	1175	14823	50.04
5	4992	186	118	5296	354	4193	0	0	4645	4855	-518	14180	0	14180	1202	15382	50.01
6	5466	84	118	5668	254	4599	0	0	5417	5565	-632	15454	0	15454	1342	16796	49.92
7	5407	1025	117	6549	167	4831	0	0	6048	6054	-658	16943	0	16943	1584	18527	49.90
8	5479	1607	119	7205	122	4901	0	63	6332	6135	-662	17764	0	17764	1787	19551	49.91
9	5506	1537	123	7166	124	4924	0	343	6301	6299	-868	17988	0	17988	2034	20022	49.95
10	5600	1253	150	7003	150	4957	0	682	6699	6402	-1025	18169	0	18169	2250	20419	49.97
11	5731	776	192	6699	143	5025	0	881	7232	7100	-1100	18748	0	18748	2364	21112	50.01
12	5771	438	251	6460	165	5006	0	975	7524	7465	-1166	18905	0	18905	2397	21302	50.01
13	5894	484	261	6639	175	4936	0	1053	6957	7062	-1164	18701	0	18701	2334	21035	49.96
14	5909	308	270	6487	198	4971	0	1018	6820	6683	-1014	18343	0	18343	2209	20552	50.01
15	5965	202	269	6436	233	5002	0	932	6795	6489	-968	18124	0	18124	2171	20295	50.01
16	5999	92	260	6351	243	4962	0	701	6792	6801	-1000	18058	0	18058	2161	20219	49.99
17	5997	107	269	6373	168	4911	0	409	6037	6121	-1013	16969	0	16969	2156	19125	49.96
18	5909	177	272	6358	78	5004	0	99	5346	5273	-963	15849	0	15849	2175	18024	50.03
19	5897	92	263	6252	79	4990	0	0	5320	5257	-1052	15526	0	15526	2250	17776	49.97
20	5861	67	273	6201	84	4982	0	0	5312	5218	-997	15488	0	15488	2226	17714	50.01
21	5711	72	275	6058	89	4847	0	0	5002	4853	-1037	14810	0	14810	2084	16894	49.94
22	5551	72	274	5897	107	4555	0	0	4842	4812	-945	14426	0	14426	1932	16358	49.96
23	5420	72	180	5672	127	4388	0	0	4631	4567	-847	13907	0	13907	1738	15645	49.97
24	4999	67	157	5223	149	4363	0	0	4490	4633	-740	13628	0	13628	1551	15179	49.99
MUs	132.38	8.99	4.68	146.06	4.82	113.03	0.00	7.16	136.97	136.05	-20.64	386.47	0.00	386.47	44.96	431.43	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 17/Jan/2020

Position as on 6.30 Hrs of 18/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage.Converted to AOH From 1 Nov 2019.	
MSPGCL	Nasik Unit 4	210	20/11/2019	04.15	17/01/2020	10.35	ID Fan Problem(Converted for Zero Schedule from 05.00hrs DT. 21-11-2019 and Continued for Annual Overhaul From 01.12.2019	
AEML	AEML Unit 2	250	06/01/2020	18.44		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 3	210	17/01/2020	17.00		Continued.	Zero Schedule.	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
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		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	30/11/2019	19.14		Continued.	Over Speed Bolt Trip.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 04.25Hrs DT. 13-12-2019)	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 22.00Hrs DT. 26-12-2019)	
MSPGCL	Uran Unit B0	120	28/12/2019	22:48		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Jan/2020

Position as on 6.30 Hrs of 18/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 7	108	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 6	108	11/01/2020	16.02		Continued.	Gas shortage	
MSPGCL	Parli Unit 7	250	12/01/2020	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Parli Unit 6	250	12/01/2020	00.00		Continued.	Zero Schedule By MSEDCL.	
TPC-G	Trombay 7B	60	12/01/2020	20.14		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	12/01/2020	20.30		Continued.	Gas shortage	
MSPGCL	Paras Unit 3	250	17/01/2020	06.02	17/01/2020	10.10	Furnace Pressure High	
MSPGCL	Uran Unit 5	108	17/01/2020	22.14		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 18/Jan/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	16/01/2020	18.08	17/01/2020	05.42	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	17/01/2020	19.29		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/01/2020	19.53	17/01/2020	08.29	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	17/01/2020	11.51		Continued.	PO	Bus conductor replacement work.
Jaigad-New Koyna Ckt-II	IntraState	17/01/2020	13.50		Continued.	HT	A Bus Isolator pole opened (Rod Mechanism broken)RFC 21.48.
Karad - Lonikand 1	IntraState	17/01/2020	15.46	17/01/2020	15.59	PO	Taking out reactor for attending hot spot.
Chandrapur-II - Nanded ckt I	IntraState	17/01/2020	19.47	17/01/2020	23.27	PO	Attending Hot Spot
Bhusawal-Aurangabad	IntraState	17/01/2020	22.21		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	18/01/2020	01.14		Continued.	T	Tripped on over voltage.
Padghe - Nagothane - I	IntraState	18/01/2020	01.51		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.
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	17/01/2020	10.45		Continued.	PO	PG isolator alignment , testing.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Boisar(MS) - Boisar (PG) II	InterState	17/01/2020	07.35		Continued.	PO	Contruccion work.
Boiser(M)-Boiser(PG) -III	InterState	17/01/2020	09.24	18/01/2020	00.52	PO	Construction work.
Tillari Amona	InterState	17/01/2020	11.15	17/01/2020	22.43	PO	Replacement of suspension clamp.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
MAHAPE - RELIANCE GIS	IntraState	08/01/2020	10:44		Continued.	HT	At Mahape End For New Configuration.
Kalwa - Mulund 2	IntraState	15/01/2020	09.02		Continued.	PO	Stringing of HTLS conductor.
Wardha-Yeotmal	IntraState	16/01/2020	12.13		Continued.	PO	Shifting/Diversion work of 220KV Deoli-Pusad D/C Line
Boisar Versova Line	IntraState	17/01/2020	07.03		Continued.	HT	outage on 220KV boiser-boiser PG CKT-2 & CKT-3.
Boisar(M) - Ghodbunder	IntraState	17/01/2020	07.09	18/01/2020	01.14	HT	outage on 220KV boiser-boiser PG CKT-2 & CKT-3
Nalasopara-Boisar	IntraState	17/01/2020	07.41	18/01/2020	00.41	HT	Outage on 220KV boiser-boiser PG CKT-2 & CKT-3.
Apta - Taloja	IntraState	17/01/2020	08.36	17/01/2020	18.58	PO	Conductor replacement work.
Boisar-Viraj	IntraState	17/01/2020	08.38	18/01/2020	01.00	HT	outage on 220KV boiser-boiser PG CKT-2 & CKT-3.
BHUGAON WARORA CKT-II	IntraState	17/01/2020	09.15	17/01/2020	16.29	PO	Line Maintenance work
Flagship-Chinchwad	IntraState	17/01/2020	10.14	17/01/2020	18.02	PO	Quarterly Maintainance Work
Colourchem - Temghar	IntraState	17/01/2020	10.48	17/01/2020	15.11	PO	CB-pressure switch replacement at colourchem.
Butibori - Wardha	IntraState	17/01/2020	10.57	17/01/2020	13.19	PO	Jumper Replacement work between CT to line isolator.
Kandalgaon-POSCO	IntraState	17/01/2020	11.10	17/01/2020	18.03	PO	Relay Testing Work.
Kolshet-Roma	IntraState	17/01/2020	11.35	17/01/2020	17.18	PO	Diagnostic testing work.
220 KV VIRODA - AMALNER	IntraState	17/01/2020	11.59	17/01/2020	20.00	PO	Line Maintenance work
Kanhan-Umred 1	IntraState	17/01/2020	11.59	17/01/2020	13.29	PO	Diagnostic testing work.
Chinchwad- Parvati	IntraState	17/01/2020	12.01		Continued.	PO	Tower construction work.

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 17/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 18/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pedambe-Pophali	IntraState	17/01/2020	13.25	17/01/2020	13.45	PO	B-PH pole pole SF-6 gas top up.
Raymond - Washala	IntraState	17/01/2020	13.53	17/01/2020	17.40	EO	CB NRV problem, CB lockout.
Nalasopara-Boisar	IntraState	18/01/2020	0045		Continued.	HT	Chattering at LOC no.17.
220 KV ICT Outages/Trippings							
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	17/01/2020	10.00	17/01/2020	17.00	PO	Quarterly Maintainance Work
220/22 Kv 50 Mva T&R Ptr 1 @Anandnagar	IntraState	17/01/2020	10.00	17/01/2020	17.28	PO	Oil replacement of OLTC of TF no -1.
220/22kv 50MVA T/F-III @ Nalasopara	IntraState	18/01/2020	01.30	18/01/2020	01.50	T	RPH C.T problem.
220/22kv 100MVA T/F-I @ Nalasopara	IntraState	18/01/2020	01.30	18/01/2020	01.50	T	Tripped.
220/22kv 50MVA T/F-III @ Nalasopara	IntraState	18/01/2020	05.30		Continued.	T	Replace RPH C.T.

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