

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jan/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.377	2956.662	1) Gujrat	5.380	120.888
2) Hydro	8.993	295.230	2) Madhya Pradesh	10.950	306.820
3) Gas	6.207	126.641	3) Chattisgarh	6.030	164.780
Total MSPGCL	167.577	3378.533	4) Maharashtra	124.701	2806.566
B) 1) APLM	72.596	1705.812	5) Goa (Amona)	-0.528	-12.430
2) JSWEL	24.997	581.058	Total	146.533	3386.624
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.243	512.718
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.644	540.196
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	29.113	681.603
6) Other IPP	15.340	368.742	Include PX	4.136	137.431
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.243	512.718
C) 1) TPCL Thermal	14.429	347.869	Include PX	10.236	190.347
2) TPCL Hydro	4.252	81.046	Standby	0.000	0.000
3) TPCL Gas	2.192	47.450	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.273	152.632	1) MSEDCL	411.274	9224.031
D) STATE			2) Mumbai Discoms	54.790	1169.195
1) Thermal	285.012	6112.775	TOTAL STATE	466.064	10393.226
(A1+C1+C4+(B1-B6))					
2) Hydro	13.245	376.276			
(A2+C2)					
3) Gas	8.399	174.091			
(A3+B7+C3)					
4) Wind	6.118	205.243			
6) SOLAR	6.757	138.215			
TOTAL STATE	319.531	7006.600			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6550	6504	6506	5539
MSPGCL Hydro	735	859	251	103
MSPGCL Gas	276	264	248	250
MSPGCL Total Generation	7561	7627	7005	5892
Central Sector Receipt	7588	7330	5735	5116
WIND	246	199	195	302
CPP / IPP Thermal	4998	5018	4893	4177
CPP / IPP Gas	0	0	0	0
SOLAR	958	1005	0	0
Exchange with Mumbai	-1536	-1488	-1509	-738
MSEDCL DEMAND MET	19815	19691	16319	14749
Load Shedding	0	0	0	0
MSEDCL DEMAND	19815	19691	16319	14749
TPCL GENERATION	1097	1100	882	594
AEML GENERATION	250	250	193	190
MUMBAI DEMAND	2883	2838	2584	1522
STATE DEMAND MET	22698	22529	18903	16271
STATE DEMAND	22698	22529	18903	16271
Frequency (Hz)	49.94	50.00	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 06.00 Hrs	49.8 Hz at 06.57 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 24/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	11.76	266.07	595	401
Unit 9	12.52	266.30	630	405
Unit 10	12.05	229.27	579	460
Total	36.34	761.64		
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	5.12	53.15	250	184
Unit 7	5.20	59.12	249	186
Unit 8	5.44	106.41	250	190
Total	15.75	218.69		
Chandrapur				
Unit 3	4.11	99.93	185	160
Unit 4	3.98	91.52	171	140
Unit 5	7.85	188.82	360	277
Unit 6	10.27	243.27	475	360
Unit 7	9.23	36.01	420	340
Unit 8	11.43	258.51	500	360
Unit 9	11.22	252.22	490	370
Total	58.09	1170.30		
Paras				
Unit 3	5.27	113.11	245	189
Unit 4	5.35	123.32	252	190
Total	10.62	236.43		
Khaparkheda				
Unit 1	4.18	52.92	190	140
Unit 2	3.33	53.20	195	0
Unit 3	4.47	54.46	200	158
Unit 4	4.49	59.40	200	160
Unit 5	10.92	254.58	500	365
Total	27.40	474.56		
Nasik				
Unit 3	4.18	90.74	193	157
Unit 4	0.00	4.30	0	0
Unit 5	0.00	0.00	0	0
Total	4.18	95.04		
Uran				
All Units	6.21	126.64	297	223
Total	6.21	126.64		
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)	0.45	3.45	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.45	3.45		
Koyna				
Stage 1-2	4.02	81.78	530	40
Stage 4	0.72	116.27	245	0
Stage 3	0.95	42.13	80	0
Total	5.69	240.18		
Hydro				
KDPH	0.44	4.57	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.48	11.19	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	3.52	80	0
RNGR+BHTSA	0.38	8.37	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.48	8.20	30	17
GHATGHAR	1.25	19.14	125	0
Total	3.30	55.04		
Wind				
Total	6.12	205.24	0	0
Total	6.12	205.24		
CPP				
APML(Mus)	72.60	1705.81	0	0
JSWEL(Mus)	25.00	581.06	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	368.74	0	0
Total	112.93	2655.61		
SOLAR				
Total	6.76	138.22	0	0
Total	6.76	138.22		
Tata				
Trombay 5	9.39	224.37	479	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.20	26.92	56	48
Trombay 7B	0.99	20.53	45	39
Trombay 8	5.04	123.50	244	182
TATA Hydro	4.25	81.05	294	0
Total	20.87	476.36		
AEML				
DTPS U-1&2	5.27	152.63	251	190
Total	5.27	152.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.38	2956.66	MSPGCL Total	167.58	3378.53
			MSPGCL Thml+Gas	158.58	3083.30	Koyna 1,2 & 4 Total	4.73	198.05
			MSPGCL Hydro	8.99	295.23	State Total	319.53	7006.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	6176	93	249	6518	252	4248	0	0	5464	5118	-975	15161	0	15161	1778	16939	49.98
2	5727	98	249	6074	241	4209	0	0	5330	5151	-860	14815	0	14815	1645	16460	50.02
3	5549	98	250	5897	263	4146	0	0	5186	5299	-784	14821	0	14821	1568	16389	50.01
4	5539	103	250	5892	302	4177	0	0	5132	5116	-738	14749	0	14749	1522	16271	49.99
5	5844	193	260	6297	336	4248	0	0	5297	5437	-749	15569	0	15569	1539	17108	49.98
6	6415	103	250	6768	439	4506	0	0	5917	5751	-861	16603	0	16603	1660	18263	49.99
7	6682	302	288	7272	521	4795	0	10	6263	6068	-840	17826	0	17826	1878	19704	49.98
8	6605	883	293	7781	559	4881	0	68	6413	6459	-916	18832	0	18832	2094	20926	50.00
9	6646	901	292	7839	497	4895	0	330	6553	6439	-1141	18859	0	18859	2369	21228	50.03
10	6669	529	297	7495	377	4903	0	631	7067	7134	-1337	19203	0	19203	2633	21836	50.00
11	6795	500	271	7566	323	5041	0	844	7422	7147	-1459	19462	0	19462	2814	22276	49.99
12	6550	735	276	7561	246	4998	0	958	7719	7588	-1536	19815	0	19815	2883	22698	49.94
13	6504	859	264	7627	199	5018	0	1005	7296	7330	-1488	19691	0	19691	2838	22529	50.00
14	6381	639	273	7293	180	5015	0	962	7142	7295	-1356	19389	0	19389	2689	22078	50.03
15	6358	536	260	7154	163	5069	0	850	7382	7285	-1389	19132	0	19132	2719	21851	50.00
16	6300	616	244	7160	131	5068	0	646	7318	7220	-1389	18836	0	18836	2730	21566	49.98
17	6504	401	244	7149	105	5055	0	367	6899	6662	-1373	17965	0	17965	2713	20678	49.94
18	6615	176	236	7027	69	4963	0	86	6113	6024	-1423	16746	0	16746	2669	19415	50.00
19	6620	184	247	7051	141	4941	0	0	6007	5601	-1602	16132	0	16132	2620	18752	49.99
20	6506	251	248	7005	195	4893	0	0	5744	5735	-1509	16319	0	16319	2584	18903	49.99
21	6295	188	247	6730	175	4563	0	0	5524	5238	-1366	15340	0	15340	2443	17783	49.95
22	6201	405	249	6855	139	4371	0	0	5333	5342	-1229	15478	0	15478	2283	17761	49.97
23	6418	95	247	6760	129	4469	0	0	5201	5192	-1209	15341	0	15341	2121	17462	49.96
24	6478	105	223	6806	136	4461	0	0	5154	4902	-1115	15190	0	15190	1998	17188	49.97
MUs	152.38	8.99	6.21	167.58	6.12	112.93	0.00	6.76	148.88	146.53	-28.64	411.27	0.00	411.27	54.79	466.06	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 24/Jan/2020

Position as on 6.30 Hrs of 25/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	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage.Converted to AOH From 1 Nov 2019.	
AEML	AEML Unit 2	250	06/01/2020	18.44		Continued.	Annual Overhaul	
MSPGCL	Koyna STG-IV Unit-3	250	20/01/2020	09.00		Continued.	Maintenance work	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
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	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	
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	Koyna Unit 9	80	18/01/2020	08.00		Continued.	Transformer shifting work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Jan/2020

Position as on 6.30 Hrs of 25/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 4	210	21/01/2020	10.30		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 2	210	24/01/2020	11.23	24/01/2020	16.13	Local Supply problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 25/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
Padgha Tarapur I	InterState	23/01/2020	13.39	24/01/2020	15.30	HT	B Phase Line CVT voltage found abnormal
Dhule Sar'Sarovar I	InterState	23/01/2020	18.07	24/01/2020	06.34	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/01/2020	18.24		Continued.	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	23/01/2020	10.04	24/01/2020	07.57	PO	Insulator Replacement Work
Khadka-Aurangabad (Waluj)	IntraState	23/01/2020	18.13	24/01/2020	07.00	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	24/01/2020	08.49	24/01/2020	18.59	PO	Insulator Replacement Work
Main Bus-I @ Koradi III	IntraState	24/01/2020	09.45	24/01/2020	18.14	PO	Maintenance of Bus Related Equipment.
Babhaleshwar - Padghe-II	IntraState	24/01/2020	10.35	24/01/2020	18.54	HT	Padghe B Bus Outage Jumper Removal.
Parly(MS)- Nanded ckt II	IntraState	24/01/2020	11.15	24/01/2020	18.34	T	Distance Protection
Padghe - Kalwa-II	IntraState	24/01/2020	12.07		Continued.	PO	Shifting From B To A Bus For Padghe B Bus Outage.
Padghe(HVDC)- Padghe(HVAC)-I	IntraState	24/01/2020	12.40		Continued.	PO	Shifting From B To A Bus For Padghe B Bus Outage.
Padghe - Nagothane - I	IntraState	24/01/2020	13.05		Continued.	PO	Shifting From B To A Bus For Padghe B Bus Outage.
Babhaleshwar - Padghe-I	IntraState	24/01/2020	13.23		Continued.	PO	Shifting From A To B Bus For Padghe A Bus Outage.
Khadka-Aurangabad (Waluj)	IntraState	24/01/2020	17.38		Continued.	HT	Over Voltage
400KV Main Bus-I @400KV Padgha	IntraState	24/01/2020	17.42		Continued.	PO	Conductor Replacement.
400 KV ICT Outages/Trippings							
400/220 KV 300 MVA ICT- I @Koradi	IntraState	23/01/2020	09.42	24/01/2020	18.13	PO	Testing Work
400/220/33 Kv 315 MVA ICT-II @Aurangabad (Waluj)	IntraState	24/01/2020	10.39	24/01/2020	13.03	PO	To Check Bushing Oil Leakage.
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 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
Bhira Dharavi 7	IntraState	18/01/2020	08.08	24/01/2020	00.21	PO	Maintenance work.
Kadegaon-Miraj	IntraState	21/01/2020	08.05		Continued.	PO	Erection of Multi CKT Tower
Dahanu Ghodbunder Line 1	IntraState	24/01/2020	08.31	24/01/2020	19.58	PO	Annual Maintenance Work
Pusad - Hingoli	IntraState	24/01/2020	08.56	24/01/2020	15.12	HT	Outage On 220kv Wardha yeotmal.
Talandge-Mudshingi Ckt-I	IntraState	24/01/2020	09.09		Continued.	PO	Back Up Relay Retrofitting Work.
Pusad-Ghatodi	IntraState	24/01/2020	09.09	24/01/2020	15.08	HT	Outage On 220kv Wardha yeotmal.
Wardha-Yeotmal	IntraState	24/01/2020	09.29	24/01/2020	15.03	PO	Shifting/Diversion Work of 220kv Deoli Pusad D/C Line At Loc No 159-160 Due To Proposed Wardha Yavatmal Nanded Railway Line.
Sawantwadi-Bidri	IntraState	24/01/2020	09.45	24/01/2020	16.35	PO	Quarterly Maintenance Work & Replacement of MFM Meter.
Kandalgaon-POSCO	IntraState	24/01/2020	10.18	24/01/2020	16.04	PO	Emergency Tree Cutting.
BHUGAON WARORA CKT-I	IntraState	24/01/2020	10.18	24/01/2020	18.31	PO	Tightening of Jumper Nut Bolt And Fixing of Missing N/B At

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 24/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 25/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Tower.
Bus Coupler @ Butibori	IntraState	24/01/2020	10.43	24/01/2020	15.36	PO	Diagnostic Testing Work.
BOISAR BORIVALI	IntraState	24/01/2020	13.18		Continued.	EO	To Control Line Loading of Boisar PG In View of EM On Boisar PG CKT 3.
Ambazari-Abhijeet	IntraState	24/01/2020	13.26	24/01/2020	16.11	PO	Measurement of Tan Delta & Breaker Timing.
Nagothane - Posco	IntraState	24/01/2020	16.30	24/01/2020	18.00	PO	Tree Cutting.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	24/01/2020	11.11	24/01/2020	18.27	PO	CTR Servicing & Maintenance Eork.
220/100 Kv 200 MVA ICT I @Apta	IntraState	24/01/2020	12.10	24/01/2020	14.30	HT	Abnormal Sound.
220/132 Kv Ict 2 200 Mva @Parbhani	IntraState	24/01/2020	22.28		Continued.	T	Differential Protection B Ph Unit.

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