

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Jan/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.399	2862.900	1) Gujrat	2.307	44.168
2) Hydro	5.770	132.471	2) Madhya Pradesh	10.832	168.215
3) Gas	7.210	135.411	3) Chattisgarh	4.050	75.900
Total MSPGCL	147.379	3130.782	4) Maharashtra	107.714	1894.252
B) 1) APML	67.839	1368.446	5) Goa (Amona)	-0.198	-4.312
2) JSWEL	20.400	451.073	Total	124.705	2178.223
3) VIPL	0.000	81.108	a) Mumbai Schedule	21.695	402.459
4) RPL(AMT)	0.000	23.204	b) Mumbai Drawl	24.441	477.962
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	7.821	199.502
6) Other IPP	12.846	285.699	Include PX	-3.701	-101.326
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.766	399.423
C) 1) TPCL Thermal	4.954	187.852	Include PX	7.467	93.960
2) TPCL Hydro	1.046	75.257	Standby	0.929	3.036
3) TPCL Gas	4.394	87.423	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.738	99.736	1) MSEDCL	359.647	7277.189
D) STATE			2) Mumbai Discoms	43.573	928.228
1) Thermal	249.176	5360.018	TOTAL STATE	403.220	8205.417
(A1+C1+C4+(B1-B6))					
2) Hydro	6.816	207.728			
(A2+C2)					
3) Gas	11.604	222.834			
(A3+B7+C3)					
4) Wind	5.643	122.824			
6) SOLAR	5.276	113.792			
TOTAL STATE	278.515	6027.196			

* 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 3 Hrs
MSPGCL Thermal	6123	6051	5745	4951
MSPGCL Hydro	788	344	154	134
MSPGCL Gas	290	285	305	313
MSPGCL Total Generation	7201	6680	6204	5398
Central Sector Receipt	6205	5914	5066	4602
WIND	215	307	261	171
CPP / IPP Thermal	4692	4616	4128	3702
CPP / IPP Gas	0	0	0	0
SOLAR	751	767	0	0
Exchange with Mumbai	-1185	-1216	-1227	-816
MSEDCL DEMAND MET	17879	17068	14432	13057
Load Shedding	0	0	0	0
MSEDCL DEMAND	17879	17068	14432	13057
TPCL GENERATION	471	447	510	386
AEML GENERATION	437	414	376	256
MUMBAI DEMAND	2093	2077	2113	1458
STATE DEMAND MET	19972	19145	16545	14515
STATE DEMAND	19972	19145	16545	14515
Frequency (Hz)	49.99	50.00	50.03	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 14.02 Hrs	49.78 Hz at 21.04 Hrs	50.01	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 20/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.71	47.36	202	130
Unit 7	0.00	63.84	0	0
Unit 8	9.62	128.83	473	300
Unit 9	10.22	174.39	490	302
Unit 10	0.00	149.01	0	0
Total	23.55	563.43		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.41	193.16	500	350
Unit 5	9.40	193.20	500	350
Total	18.80	386.36		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	56.43	0	0
Total	0.00	56.43		
Chandrapur				
Unit 3	4.29	84.87	194	164
Unit 4	4.19	79.16	185	161
Unit 5	8.56	184.10	400	325
Unit 6	10.05	194.93	455	370
Unit 7	9.14	188.70	443	331
Unit 8	10.59	210.01	487	360
Unit 9	10.38	209.51	480	360
Total	57.20	1151.29		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.60	107.77	258	200
Total	5.60	107.77		
Khaparkheda				
Unit 1	3.84	73.27	160	160
Unit 2	3.86	72.63	165	160
Unit 3	3.82	74.76	166	154
Unit 4	3.90	73.99	170	155
Unit 5	9.67	197.66	435	376
Total	25.08	492.31		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	4.17	83.20	207	164
Unit 5	0.00	0.00	0	0
Total	4.17	105.31		
Uran				
All Units	7.21	135.41	317	272
Total	7.21	135.41		
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)	0.04	0.92	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.92		
Koyna				
Stage 1-2	1.72	37.06	230	40
Stage 4	0.00	8.32	0	0
Stage 3	0.52	10.63	80	0
Total	2.24	56.01		
Hydro				
KDPH	0.44	7.29	19	18
VTRNA	0.51	10.17	61	0
TILLARI	0.24	8.54	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	3.92	53	0
RNGR+BHTSA	0.30	5.87	13	12
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	2.78	0	0
SMLHY_PTN	0.45	8.00	27	16
GHATGHAR	1.48	29.85	250	0
Total	3.53	76.46		
Wind				
Total	5.64	122.82	0	0
Total	5.64	122.82		
CPP				
APML(Mus)	67.84	1368.45	0	0
JSWEL(Mus)	20.40	451.07	0	0
VIPL(Mus)	0.00	81.11	0	0
RPLAMT(Mus)	0.00	23.20	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.85	285.70	0	0
Total	101.08	2209.53		
SOLAR				
Total	5.28	113.79	0	0
Total	5.28	113.79		
Tata				
Trombay 5	0.00	83.46	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	55.35	117	115
Trombay 7B	1.61	32.07	68	66
Trombay 8	4.95	104.40	230	201
TATA Hydro	1.05	75.26	117	0
Total	10.39	350.53		
AEML				
DTPS U-1&2	8.74	99.74	437	197
Total	8.74	99.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.40	2862.90	MSPGCL Total	147.38	3130.78
			MSPGCL Thml+Gas	141.61	2998.31	Koyna 1,2 & 4 Total	1.72	45.38
			MSPGCL Hydro	5.77	132.47	State Total	278.52	6027.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Jan/2019

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	5217	99	311	5627	129	3788	0	0	4538	4749	-1020	13273	0	13273	1649	14922	50.02
2	5110	89	303	5502	119	3626	0	0	4749	4863	-947	13163	0	13163	1529	14692	49.98
3	4951	134	313	5398	171	3702	0	0	4558	4602	-816	13057	0	13057	1458	14515	50.02
4	4944	154	314	5412	159	3733	0	0	4875	4653	-731	13226	0	13226	1423	14649	50.04
5	5031	119	316	5466	174	3760	0	0	4868	4976	-653	13723	0	13723	1419	15142	50.04
6	5239	99	315	5653	216	4006	0	0	5167	5236	-734	14377	0	14377	1496	15873	50.02
7	5513	89	307	5909	305	4330	0	4	5315	5577	-796	15329	0	15329	1556	16885	50.06
8	5853	284	317	6454	292	4802	0	55	5566	5590	-841	16352	0	16352	1633	17985	49.96
9	6038	511	315	6864	204	4770	0	263	5840	5806	-913	16994	0	16994	1771	18765	49.98
10	6123	555	311	6989	234	4913	0	522	5937	6185	-1059	17784	0	17784	1919	19703	50.00
11	6111	633	294	7038	213	4715	0	667	6302	6161	-1124	17670	0	17670	2032	19702	49.95
12	6123	788	290	7201	215	4692	0	751	6196	6205	-1185	17879	0	17879	2093	19972	49.99
13	6051	344	285	6680	307	4616	0	767	6009	5914	-1216	17068	0	17068	2077	19145	50.00
14	5777	221	282	6280	319	4515	0	769	5444	5634	-1166	16351	0	16351	1977	18328	50.04
15	5733	297	272	6302	289	4504	0	629	5378	5306	-1117	15913	0	15913	1927	17840	50.06
16	5772	237	284	6293	256	4425	0	502	5225	5224	-1059	15641	0	15641	1887	17528	50.00
17	5802	187	287	6276	243	4309	0	277	5001	4930	-1026	15009	0	15009	1876	16885	49.98
18	5788	136	288	6212	282	4299	0	70	4633	4658	-1058	14463	0	14463	1900	16363	50.02
19	5740	88	291	6119	279	4156	0	0	5013	5004	-1187	14371	0	14371	2051	16422	50.00
20	5745	154	305	6204	261	4128	0	0	5003	5066	-1227	14432	0	14432	2113	16545	50.03
21	5487	145	294	5926	201	4024	0	0	5080	4934	-1245	13840	0	13840	2081	15921	49.96
22	5396	146	298	5840	172	3957	0	0	4954	4756	-1185	13540	0	13540	2011	15551	49.97
23	5425	146	308	5879	262	3695	0	0	4495	4407	-1119	13124	0	13124	1912	15036	50.02
24	5430	115	310	5855	341	3620	0	0	3855	4269	-1017	13068	0	13068	1783	14851	50.03
MUs	134.40	5.77	7.21	147.38	5.64	101.08	0.00	5.28	124.00	124.70	-24.44	359.65	0.00	359.65	43.57	403.22	50.01

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 20/Jan/2019

Position as on 6.30 Hrs of 21/Jan/2019

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	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage Work Completed On 24/11/2018. Available Against Case 4 From 25/11/2018. Converted To COH From 00:00 Hrs of 05/12/2018 (Converted COH to Zero sch by MSEDCL from 29.01.2019)	
AEML	AEML Unit 1	250	23/12/2018	06.06	20/01/2019	02.00	For COH.	
TPC-G	Trombay 5	500	11/01/2019	23.56		Continued.	Annual Overhaul	
MSPGCL	Koyana STG-IV Unit-2	250	14/01/2019	09:40		Continued.	Routine Maintenance work.	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
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	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
MSPGCL	Koyana Unit 1	70	26/11/2018	00.00		Continued.	Oil Cooler Leakage.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-3	270	14/12/2018	16.30		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
IPP	Dhariwal	300	12/01/2019	10.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	12/01/2019	12.00		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Jan/2019

Position as on 6.30 Hrs of 21/Jan/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 10	660	15/01/2019	23.25		Continued.	Condenser Tube Cleaning Work & PCR.	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
IPP	RPL(AMT) U-1	270	18/01/2019	19.30		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
AEML	AEML Unit 1	250	21/01/2019	11.11		Continued.	Turbine Vibration	
IPP	Adani U-2	660	21/01/2019	17.32		Continued.	Hot PA Duct Bellow Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 21/Jan/2019

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	10/01/2019	16.32	20/01/2019	10.43	HT	Over Voltage
Dabhol Nagothane I	InterState	18/01/2019	11.52	21/01/2019	10.22	PO	String Replacement of Insulator Strings.
Dhule Sar'Sarovar II	InterState	20/01/2019	16.39		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/01/2019	17.31	21/01/2019	06.59	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/01/2019	23.30	20/01/2019	08.36	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	20/01/2019	22.05	21/01/2019	07.18	HT	Over Voltage
Karad-Jaigad - I	IntraState	20/01/2019	22.06	21/01/2019	09.38	HT	Over Voltage
Akola - Bhusawal	IntraState	21/01/2019	07.09	21/01/2019	18.22	PO	Replacement Of Conductor.
Deepnagar Taptitanda	IntraState	21/01/2019	07.15	21/01/2019	18.35	PO	Replacement of Dead End & Mid Span Joint.
Warora-Adani(Tiroda)1	IntraState	21/01/2019	09.18	21/01/2019	19.54	PO	Annual Maintenance Work
Jaigad-New Koyna Ckt-I	IntraState	21/01/2019	10.07		Continued.	PO	Insulator Replacement & Maintenance Work.
Khadka-Aurangabad (Waluj)	IntraState	21/01/2019	18.44		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 Kv 500 MVA ICT-I @Kalwa	IntraState	20/01/2019	16.30	20/01/2019	18.06	PO	Passing of Spare ICT.
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	21/01/2019	09.02	21/01/2019	19.35	PO	Annual Maintenance Work
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Boiser(M)-Boiser(PG) -III	InterState	20/01/2019	08.32	20/01/2019	16.02	OO	Diagnostic Test and Bay maintenance at PGCIL End .
Tillari Amona	InterState	20/01/2019	13.45	20/01/2019	22.38	T	Distance Protection
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper At Loc No 86 & 107 And De-energising The Line Bet.86 To 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Nanded - Parli Ext. Ckt I	IntraState	06/12/2018	07.02		Continued.	HT	Waghala-Kumbhargaoon CKT O/L.
Ghatghar - Jindal	IntraState	20/01/2019	09.36	20/01/2019	17.17	PO	Earth Wire Replacement Work.
Washala - Ghatghar	IntraState	20/01/2019	09.40	20/01/2019	17.38	PO	Earth Wire Replacement Work.
Trombay - Kalwa	IntraState	20/01/2019	12.56	20/01/2019	18.12	T	Distance Protection Trombay End: Zone 2, 6.63KA AR Lock Out, B-Ph E/F Kalwa End, B-Ph E/F, 19KA, 6.5Km.
Main bus section-II @ Pedambe	IntraState	21/01/2019	07.05	21/01/2019	17.30	PO	Bus Isolator Maintenance Work.
Ghatghar - Bapgaon	IntraState	21/01/2019	10.06	21/01/2019	19.00	PO	For Earth Wire Replacement Of Ghatghar M/C Line.
Eklahare (Gcr) - Ghatghar	IntraState	21/01/2019	10.50	21/01/2019	14.40	PO	For Earth Wire Replacement Of Ghatghar M/C Line.
Kharghar - Tss Panvel	IntraState	21/01/2019	12.09	21/01/2019	17.13	PO	Height Raising Of 220KV Kandalgaon Kharghar D/C Line At Loc No.646-649 For DFCCIL.
Topworth - Kharghar	IntraState	21/01/2019	12.35	21/01/2019	17.38	PO	Height Raising Of 220KV Kandalgaon Kharghar D/C Line 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 20/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 21/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Loc No.646-649 For DFCCIL.
Bhugaon-WardhaPG (Deoli)	IntraState	21/01/2019	13.09	21/01/2019	22.55	EO	Attending Hot Spot At CB & CT.
220 KV ICT Outages/Trippings							
220/132 KV 200MVA ict 1@Nasik GCR	IntraState	19/01/2019	09.52	21/01/2019	16.37	PO	Dismantling of existing main and aux Bus Isolator and commissioning of new Isolator
220/100kV 200MVA ICT @ Ogalewadi	IntraState	21/01/2019	10.33	21/01/2019	16.15	PO	Diagnostic testing work.