

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Jan/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.502	2728.501	1) Gujrat	2.048	41.861
2) Hydro	6.089	126.701	2) Madhya Pradesh	10.840	157.383
3) Gas	7.212	128.201	3) Chattisgarh	3.830	71.850
Total MSPGCL	152.803	2983.403	4) Maharashtra	107.757	1786.538
B) 1) APML	69.275	1300.607	5) Goa (Amona)	-0.198	-4.114
2) JSWEL	22.564	430.673	Total	124.277	2053.518
3) VIPL	0.000	81.108	a) Mumbai Schedule	27.588	380.764
4) RPL(AMT)	0.000	23.204	b) Mumbai Drawl	29.849	453.521
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	4.390	191.681
6) Other IPP	12.500	272.853	Include PX	-7.566	-97.625
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.630	378.656
C) 1) TPCL Thermal	5.294	182.898	Include PX	12.569	86.493
2) TPCL Hydro	3.939	74.211	Standby	1.958	2.108
3) TPCL Gas	4.393	83.029	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.018	90.998	1) MSEDCL	364.625	6917.542
D) STATE			2) Mumbai Discoms	48.493	884.655
1) Thermal	254.153	5110.842	TOTAL STATE	413.118	7802.197
(A1+C1+C4+(B1-B6))					
2) Hydro	10.028	200.912			
(A2+C2)					
3) Gas	11.605	211.230			
(A3+B7+C3)					
4) Wind	7.574	117.181			
6) SOLAR	5.481	108.516			
TOTAL STATE	288.841	5748.681			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6005	6186	5928	5295
MSPGCL Hydro	626	553	301	88
MSPGCL Gas	293	285	303	315
MSPGCL Total Generation	6924	7024	6532	5698
Central Sector Receipt	6542	5888	5274	3576
WIND	427	235	230	450
CPP / IPP Thermal	4895	4758	4745	3634
CPP / IPP Gas	0	0	0	0
SOLAR	678	785	9	0
Exchange with Mumbai	-1512	-1546	-1521	-814
MSEDCL DEMAND MET	17954	17144	15269	12544
Load Shedding	0	0	0	0
MSEDCL DEMAND	17954	17144	15269	12544
TPCL GENERATION	693	698	704	385
AEML GENERATION	251	224	198	192
MUMBAI DEMAND	2456	2468	2423	1391
STATE DEMAND MET	20410	19612	17692	13935
STATE DEMAND	20410	19612	17692	13935
Frequency (Hz)	50.03	49.98	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 06:02 Hrs	49.67 Hz at 07:37 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 19/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.22	43.64	150	100
Unit 7	2.03	63.84	125	0
Unit 8	10.23	119.21	469	382
Unit 9	11.49	164.17	661	400
Unit 10	0.00	149.01	0	0
Total	26.97	539.88		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.66	183.75	500	350
Unit 5	9.66	183.81	495	350
Total	19.33	367.56		
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	4.36	80.58	195	163
Unit 4	4.14	74.98	186	162
Unit 5	9.19	175.54	410	343
Unit 6	10.04	184.88	455	364
Unit 7	9.45	179.56	438	347
Unit 8	10.74	199.43	488	360
Unit 9	10.59	199.13	485	360
Total	58.51	1094.09		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.67	102.17	256	195
Total	5.67	102.17		
Khaparkheda				
Unit 1	3.48	69.43	165	115
Unit 2	3.84	68.77	165	160
Unit 3	3.85	70.94	170	145
Unit 4	3.87	70.09	165	155
Unit 5	9.76	187.99	440	374
Total	24.80	467.22		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	4.22	79.03	204	164
Unit 5	0.00	0.00	0	0
Total	4.22	101.14		
Uran				
All Units	7.21	128.20	319	272
Total	7.21	128.20		
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)	0.06	0.88	33	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.88		
Koyna				
Stage 1-2	2.10	35.34	265	40
Stage 4	0.00	8.32	0	0
Stage 3	0.50	10.11	80	0
Total	2.59	53.77		
Hydro				
KDPH	0.44	6.84	19	18
VTRNA	0.50	9.66	60	0
TILLARI	0.42	8.30	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	3.81	80	0
RNGR+BHTSA	0.30	5.58	13	12
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	2.78	0	0
SMLHY_PTN	0.47	7.54	28	17
GHATGHAR	1.08	28.37	250	0
Total	3.50	72.94		
Wind				
Total	7.57	117.18	0	0
Total	7.57	117.18		
CPP				
APML(Mus)	69.28	1300.61	0	0
JSWEL(Mus)	22.56	430.67	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)	12.50	272.85	0	0
Total	104.34	2108.44		
SOLAR				
Total	5.48	108.52	0	0
Total	5.48	108.52		
Tata				
Trombay 5	0.00	83.46	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	52.56	117	115
Trombay 7B	1.61	30.46	68	66
Trombay 8	5.29	99.44	236	202
TATA Hydro	3.94	74.21	326	0
Total	13.63	340.14		
AEML				
DTPS U-1&2	5.02	91.00	252	192
Total	5.02	91.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.50	2728.50	MSPGCL Total	152.80	2983.40
			MSPGCL Thml+Gas	146.71	2856.70	Koyna 1,2 & 4 Total	2.10	43.66
			MSPGCL Hydro	6.09	126.70	State Total	288.84	5748.68

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	5298	88	313	5699	354	3677	0	0	4262	4029	-993	12766	0	12766	1592	14358	50.01
2	5304	93	303	5700	405	3644	0	0	4062	3848	-890	12707	0	12707	1467	14174	49.96
3	5295	88	315	5698	450	3634	0	0	3556	3576	-814	12544	0	12544	1391	13935	50.01
4	5293	128	315	5736	421	3628	0	0	3421	3666	-774	12677	0	12677	1351	14028	49.97
5	5280	123	315	5718	490	3590	0	0	4159	4189	-792	13195	0	13195	1371	14566	49.98
6	5379	88	318	5785	507	3640	0	0	5116	5516	-900	14548	0	14548	1477	16025	50.00
7	5881	98	319	6298	510	4125	0	20	5560	5507	-996	15464	0	15464	1619	17083	49.97
8	6188	143	317	6648	562	4782	0	129	5761	5748	-1055	16814	0	16814	1765	18579	49.90
9	6145	199	316	6660	518	4910	0	323	5907	5911	-1208	17114	0	17114	1987	19101	49.95
10	6093	459	302	6854	454	4901	0	545	6046	6295	-1338	17711	0	17711	2234	19945	50.02
11	6005	626	293	6924	427	4895	0	678	6184	6542	-1512	17954	0	17954	2456	20410	50.03
12	6106	707	287	7100	333	4909	0	788	6105	6283	-1542	17871	0	17871	2503	20374	50.03
13	6186	553	285	7024	235	4758	0	785	5903	5888	-1546	17144	0	17144	2468	19612	49.98
14	6095	455	272	6822	226	4643	0	766	5623	5760	-1433	16784	0	16784	2318	19102	49.99
15	6153	203	280	6636	182	4583	0	635	5860	5938	-1457	16517	0	16517	2355	18872	49.98
16	5949	229	273	6451	188	4544	0	469	5835	6078	-1430	16300	0	16300	2363	18663	49.95
17	6287	214	288	6789	136	4755	0	245	5410	5229	-1434	15720	0	15720	2356	18076	49.96
18	6151	144	290	6585	161	4751	0	89	5015	4931	-1453	15064	0	15064	2349	17413	49.98
19	5928	301	303	6532	230	4745	0	9	5191	5274	-1521	15269	0	15269	2423	17692	49.98
20	5931	217	294	6442	273	4749	0	0	5308	5135	-1501	15098	0	15098	2416	17514	50.01
21	5648	253	296	6197	146	4425	0	0	4820	5087	-1414	14441	0	14441	2300	16741	49.98
22	5718	374	307	6399	119	4073	0	0	4792	4779	-1362	14008	0	14008	2147	16155	50.00
23	5755	154	300	6209	137	4011	0	0	4733	4691	-1292	13756	0	13756	1972	15728	50.00
24	5434	152	311	5897	110	3967	0	0	4859	4377	-1192	13159	0	13159	1813	14972	50.02
MUs	139.50	6.09	7.21	152.80	7.57	104.34	0.00	5.48	123.49	124.28	-29.85	364.62	0.00	364.62	48.49	413.12	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 19/Jan/2019

Position as on 6.30 Hrs of 20/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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 19/Jan/2019

Position as on 6.30 Hrs of 20/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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 20/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		Continued.	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		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/01/2019	00.06	19/01/2019	07.39	HT	Over Voltage
Girwali- Lonikand 2	IntraState	19/01/2019	11.35	19/01/2019	13.24	EO	To attend Hot Spot at Base Joint of 29B Isolator(Taken on TBC)
Main Bus-II @ Koradi	IntraState	19/01/2019	12.38	19/01/2019	17.11	PO	Tan Delta Measurement of Bus CVT
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		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	20/01/2019	22.06		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.
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.
Nasik Navsari I	InterState	19/01/2019	15.56	19/01/2019	18.52	T	Distance Protection Zone-II
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.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	19/01/2019	06.51	19/01/2019	07.08	T	Distance Protection R Phase
Loteparshuram- Dasturi Line	IntraState	19/01/2019	08.40	19/01/2019	16.30	PO	Changing of Insulator String
Dhule-Chalisagaon	IntraState	19/01/2019	09.04	19/01/2019	13.09	PO	Replacement of Line Isolators
Apta - Kalwa	IntraState	19/01/2019	09.53	19/01/2019	18.34	PO	Replacement of Old Disc Insulator
Ghatghar - Jindal	IntraState	19/01/2019	09.56	19/01/2019	20.30	PO	E/W replacement work
Hinjawadi I- Chinchwad	IntraState	19/01/2019	10.13	19/01/2019	17.38	PO	Line Maintenance work
Washala - Ghatghar	IntraState	19/01/2019	11.00	19/01/2019	19.55	PO	E/W Replacement work
Ambazari-Abhijeet	IntraState	19/01/2019	12.54	19/01/2019	15.25	PO	For connecting New PT supply
Ambazari-Amravati	IntraState	19/01/2019	15.45	19/01/2019	16.43	PO	PT Supply extension
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-

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 19/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 20/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Ph E/F Kalwa End, B-Ph E/F, 19KA. 6.5Km.
220 KV ICT Outages/Trippings							
220/132KV 100MVA ICT-II@Shivajinagar	IntraState	19/01/2019	07.06	19/01/2019	11.04	PO	Quarterly Maintainance Work
220/33 Kv 100 Mva Areva Ptr 1 @Jamde	IntraState	19/01/2019	09.25	19/01/2019	12.42	PO	Testing Work
220/132 KV 200MVA ict 1@Nasik GCR	IntraState	19/01/2019	09.52		Continued.	PO	Dismantling of existing main and aux Bus Isolator and commissioning of new Isolator
220/100 Kv 125 Mva Hel Ict 2 @Jambhul	IntraState	19/01/2019	10.05	19/01/2019	20.47	PO	Testing Work
220/33 Kv 100 Mva Alstom Ptr 2 @Jamde	IntraState	19/01/2019	12.44	19/01/2019	15.38	PO	Testing Work