

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Jan/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.871	3779.645	1) Gujrat	4.289	62.734
2) Hydro	6.605	185.227	2) Madhya Pradesh	10.771	247.272
3) Gas	7.324	186.813	3) Chattisgarh	4.300	107.780
Total MSPGCL	138.800	4151.685	4) Maharashtra	69.290	2578.463
B) 1) APMIL	63.609	1783.473	5) Goa (Amona)	-0.308	-6.138
2) JSWEL	18.933	598.160	Total	88.342	2990.111
3) VIPL	0.000	81.108	a) Mumbai Schedule	14.546	555.428
4) RPL(AMT)	0.437	47.351	b) Mumbai Drawl	16.658	644.856
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	1.446	254.493
6) Other IPP	13.427	375.159	Include PX	-12.560	-138.821
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	14.546	548.248
C) 1) TPCL Thermal	4.851	223.953	Include PX	4.511	161.176
2) TPCL Hydro	2.966	105.280	Include Standby	0.000	7.180
3) TPCL Gas	4.384	118.069	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.973	156.106	1) MSEDCL	329.424	9734.026
D) STATE			2) Mumbai Discoms	37.832	1248.261
1) Thermal	235.101	7044.955	TOTAL STATE	367.256	10982.287
(A1+C1+C4+(B1-B6))					
2) Hydro	9.571	290.507			
(A2+C2)					
3) Gas	11.708	304.882			
(A3+B6+C3)					
4) Wind	17.450	199.414			
6) SOLAR	5.084	152.421			
TOTAL STATE	278.914	7992.179			

* 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	5771	5671	4925	4942
MSPGCL Hydro	341	253	591	86
MSPGCL Gas	303	291	298	315
MSPGCL Total Generation	6415	6215	5814	5343
Central Sector Receipt	5381	4749	4565	1018
WIND	681	562	442	1028
CPP / IPP Thermal	4612	4648	3927	3700
CPP / IPP Gas	0	0	0	0
SOLAR	719	791	0	0
Exchange with Mumbai	-960	-881	-803	-405
MSEDCL DEMAND MET	16848	16084	13945	10684
Load Shedding	0	0	0	0
MSEDCL DEMAND	16848	16084	13945	10684
TPCL GENERATION	558	606	727	377
AEML GENERATION	373	373	374	374
MUMBAI DEMAND	1891	1860	1904	1156
STATE DEMAND MET	18739	17944	15849	11840
STATE DEMAND	18739	17944	15849	11840
Frequency (Hz)	49.95	49.97	50.01	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.09 Hz at 01.00 Hrs	49.86 Hz at 09.00 Hrs	50	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 27/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.54	76.17	160	125
Unit 7	0.00	63.84	0	0
Unit 8	10.66	201.15	500	400
Unit 9	11.91	259.28	650	460
Unit 10	0.00	149.01	0	0
Total	26.11	749.45		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	225.10	0	0
Unit 5	8.81	257.67	455	340
Total	8.81	482.76		
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	4.16	114.41	190	163
Unit 4	4.07	107.91	183	160
Unit 5	9.14	248.73	405	360
Unit 6	9.64	263.77	455	365
Unit 7	8.98	253.54	402	342
Unit 8	10.06	282.94	490	370
Unit 9	9.97	274.90	484	364
Total	56.02	1546.20		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.34	143.21	255	192
Total	5.34	143.21		
Khaparkheda				
Unit 1	3.84	99.46	165	150
Unit 2	3.84	99.52	170	150
Unit 3	3.84	101.45	168	155
Unit 4	3.82	100.91	175	152
Unit 5	9.38	266.48	420	376
Total	24.73	667.82		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	3.86	111.65	166	157
Unit 5	0.00	0.00	0	0
Total	3.86	133.76		
Uran				
All Units	7.32	186.81	317	288
Total	7.32	186.81		
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	1.01	13	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	1.01		
Koyna				
Stage 1-2	2.07	50.99	305	40
Stage 4	0.00	14.58	0	0
Stage 3	0.56	14.98	80	0
Total	2.63	80.54		
Hydro				
KDPH	0.44	10.40	19	18
VTRNA	0.44	13.83	60	0
TILLARI	0.49	11.98	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	5.46	77	0
RNGR+BHTSA	0.30	7.85	13	12
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	2.78	0	0
SMLHY_PTN	0.45	11.02	27	16
GHATGHAR	1.73	41.31	250	0
Total	3.98	104.68		
Wind				
Total	17.45	199.41	0	0
Total	17.45	199.41		
CPP				
APML(Mus)	63.61	1783.47	0	0
JSWEL(Mus)	18.93	598.16	0	0
VIPL(Mus)	0.00	81.11	0	0
RPLAMT(Mus)	0.44	47.35	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.43	375.16	0	0
Total	96.41	2885.25		
SOLAR				
Total	5.08	152.42	0	0
Total	5.08	152.42		
Tata				
Trombay 5	0.00	83.46	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	74.82	116	115
Trombay 7B	1.60	43.25	68	66
Trombay 8	4.85	140.50	205	195
TATA Hydro	2.97	105.28	343	0
Total	12.20	447.30		
AEML				
DTPS U-1&2	8.97	156.11	375	372
Total	8.97	156.11		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.87	3779.64	MSPGCL Total	138.80	4151.68
			MSPGCL Thml+Gas	132.20	3966.46	Koyna 1,2 & 4 Total	2.07	65.56
			MSPGCL Hydro	6.60	185.23	State Total	278.91	7992.18

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	4947	86	313	5346	876	3819	0	0	2094	1673	-567	11147	0	11147	1326	12473	50.09
2	4960	86	315	5361	959	3797	0	0	2224	1318	-459	10976	0	10976	1221	12197	50.07
3	4942	86	315	5343	1028	3700	0	0	2213	1018	-405	10684	0	10684	1156	11840	50.05
4	4931	96	316	5343	1090	3630	0	0	2115	1160	-368	10855	0	10855	1124	11979	50.05
5	4957	86	317	5360	1030	3696	0	0	2154	1842	-383	11545	0	11545	1142	12687	50.03
6	4956	86	305	5347	1005	3784	0	0	2532	2966	-425	12677	0	12677	1221	13898	49.97
7	4950	91	315	5356	878	3849	0	3	4046	3914	-515	13485	0	13485	1314	14799	50.00
8	5278	193	316	5787	959	4000	0	51	4757	4861	-572	15086	0	15086	1419	16505	49.88
9	5580	353	313	6246	958	4137	0	174	4977	4940	-704	15751	0	15751	1595	17346	49.86
10	5681	703	311	6695	847	4481	0	407	5012	4906	-856	16480	0	16480	1771	18251	49.93
11	5826	554	298	6678	772	4611	0	610	5371	5125	-942	16854	0	16854	1875	18729	50.02
12	5771	341	303	6415	681	4612	0	719	5348	5381	-960	16848	0	16848	1891	18739	49.95
13	5671	253	291	6215	562	4648	0	791	4950	4749	-881	16084	0	16084	1860	17944	49.97
14	5505	228	290	6023	436	4396	0	782	4657	4550	-892	15295	0	15295	1774	17069	50.06
15	5429	213	288	5930	397	4061	0	661	4840	4964	-855	15158	0	15158	1710	16868	50.02
16	5391	288	300	5979	349	4008	0	524	4716	4739	-793	14806	0	14806	1651	16457	50.07
17	5391	254	293	5938	336	3948	0	296	4606	4357	-701	14174	0	14174	1618	15792	49.98
18	4954	435	295	5684	331	3927	0	66	4072	4350	-750	13608	0	13608	1652	15260	50.02
19	4922	650	305	5877	361	3871	0	0	4227	4423	-803	13729	0	13729	1808	15537	49.95
20	4925	591	298	5814	442	3927	0	0	4235	4565	-803	13945	0	13945	1904	15849	50.01
21	4982	420	308	5710	558	4016	0	0	3736	3765	-785	13264	0	13264	1848	15112	49.94
22	5006	211	308	5525	732	3999	0	0	3360	3163	-773	12646	0	12646	1783	14429	50.00
23	4972	149	300	5421	923	3847	0	0	2917	2876	-792	12275	0	12275	1662	13937	50.00
24	4944	152	311	5407	940	3642	0	0	2365	2737	-674	12052	0	12052	1507	13559	50.00
MUs	124.87	6.60	7.32	138.80	17.45	96.41	0.00	5.08	91.52	88.34	-16.66	329.42	0.00	329.42	37.83	367.26	50.00

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 27/Jan/2019

Position as on 6.30 Hrs of 28/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 (For 40 Days)	
TPC-G	Trombay 5	500	11/01/2019	23.56		Continued.	Annual Overhaul	
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 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	
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 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	
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	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Jan/2019

Position as on 6.30 Hrs of 28/Jan/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	24/01/2019	08.14	28/01/2019	08.37	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	27/01/2019	02.17		Continued.	Withdrawn On RSD.	
MSPGCL	Khaparkheda Unit 4	210	28/01/2019	05.50	28/01/2019	08.23	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 28/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Tirora ckt-II	IntraState	27/01/2019	10.44	27/01/2019	19.33	PO	Annual Maintenance Work
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	22/01/2019	17.30		Continued.	HT	Over Voltage
Padgha Tarapur II	InterState	27/01/2019	01.36	27/01/2019	10.04	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	27/01/2019	23.38	28/01/2019	19.15	T	Distance Protection,R Phase:Fault Current 1.92KA Trail Taken AT 04.38HRS But Not Successful And Declared As
Padghe - Kalwa-II	IntraState	25/01/2019	09.17		Continued.	PO	Dismantalling Erection & Conductor Replacement Work For MMRDA.
Bhusawal-Aurangabad	IntraState	25/01/2019	16.42	28/01/2019	11.34	HT	Over Voltage
Padghe - Nagothane - I	IntraState	26/01/2019	20.20	27/01/2019	10.24	HT	Over Voltage
Karad - Lonikand 1	IntraState	27/01/2019	00.29	27/01/2019	10.02	HT	Over Voltage
Padghe - Kalwa- I	IntraState	27/01/2019	01.36	27/01/2019	09.50	T	Over Voltage
Koradi-RattanIndia	IntraState	27/01/2019	21.27	28/01/2019	07.50	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	27/01/2019	21.35	28/01/2019	07.35	HT	Over Voltage
Padghe - Nagothane - I	IntraState	27/01/2019	23.34	28/01/2019	10.33	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	28/01/2019	11.50	28/01/2019	15.38	PO	Replacement of Flashover At Loc No.154
Babhaleshwar - Padghe-II	IntraState	28/01/2019	13.35	28/01/2019	15.55	T	Distance Protection,Zone-1,Dist =92.53KM,BPH FLT.CURR=3.789KA.
Bhusawal-Aurangabad	IntraState	28/01/2019	16.55		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 600 MVA ICT 4 @Padghe	IntraState	25/01/2019	23.25	28/01/2019	01.54	PO	Oil Filtration Work.
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	28/01/2019	06.25	28/01/2019	08.10	HT	To Remove Gases.
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	28/01/2019	08.24		Continued.	PO	Routine Maintenance Work.Diagnostic Testing Work.
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	28/01/2019	09.00	28/01/2019	17.54	PO	Annual Maintenance Work
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	28/01/2019	09.09	28/01/2019	20.02	PO	Bushing Tan Delta Measurement And Painting 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.
Talandage - Chikodi	InterState	28/01/2019	10.18	28/01/2019	18.50	PO	Routine Maintenance Work.Diagnostic Testing Work.
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	22/01/2019	11.23	27/01/2019	09.44	HT	For Nanded-Nanded Loading.
Pophali - Nerale	IntraState	26/01/2019	19.20	27/01/2019	19.30	T	Distance Protection

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 27/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 28/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pusad - Hingoli	IntraState	27/01/2019	09.20	27/01/2019	19.38	HT	View of yeotmal wardha ckt outage.
Nanded-Parbhani	IntraState	27/01/2019	09.47	27/01/2019	16.09	HT	View of yeotmal wardha ckt outage.
Pusad-Ghatodi	IntraState	27/01/2019	09.51	27/01/2019	19.46	HT	View of yeotmal wardha ckt outage.
Wardha-Yeotmal	IntraState	27/01/2019	10.00	27/01/2019	19.25	PO	Line sisolator replacement work.
Ambazari-Amravati	IntraState	27/01/2019	10.30	27/01/2019	11.05	T	Hot spot on line isolator towards CB side.
Vita-Khanapur(Mahuli Tap)	IntraState	28/01/2019	10.29	28/01/2019	15.22	PO	Testing Work Bay Equipment.
Karad(400kv) - Ogalewadi Ckt 2	IntraState	28/01/2019	10.47	28/01/2019	16.07	PO	Tan Delta Testing Of Ct And Wave Trap Hot Spot Work.
Nanded-Ghatodi	IntraState	28/01/2019	11.05	28/01/2019	18.14	PO	Line Maintenance work
Parly-Parly Extn.-II	IntraState	28/01/2019	11.24	28/01/2019	13.50	PO	R PH CT Leakage.
TALANDGE TILWANI CKT-II	IntraState	28/01/2019	19.45	28/01/2019	20.47	PO	For New CB Operation.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	22/01/2019	18.40		Continued.	HT	After Completion of Outage.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Pusad-Jambazar	IntraState	27/01/2019	09.26	27/01/2019	19.50	HT	View of yeotmal wardha ckt outage.
Waghala (Nanded2) - Narsi	IntraState	27/01/2019	14.04	27/01/2019	14.13	T	Distance Protection, R-E, Z1, 10.7KM.

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