

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jan/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.258	3535.685	1) Gujrat	2.556	56.520
2) Hydro	6.163	172.312	2) Madhya Pradesh	10.849	225.652
3) Gas	7.361	172.107	3) Chattisgarh	4.770	98.720
Total MSPGCL	140.782	3880.104	4) Maharashtra	100.544	2436.296
B) 1) APMIL	64.157	1663.296	5) Goa (Amona)	-0.220	-5.566
2) JSWEL	20.936	561.032	Total	118.499	2811.622
3) VIPL	0.000	81.108	a) Mumbai Schedule	21.560	525.663
4) RPL(AMT)	4.942	42.193	b) Mumbai Drawl	22.778	610.227
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	10.193	246.742
6) Other IPP	12.548	348.992	Include PX	-3.834	-119.146
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.560	518.483
C) 1) TPCL Thermal	5.241	214.252	Include PX	9.501	151.446
2) TPCL Hydro	4.215	100.845	Include Standby	0.000	7.180
3) TPCL Gas	4.378	109.305	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.991	138.150	1) MSEDCL	351.974	9090.617
D) STATE			2) Mumbai Discoms	45.603	1172.776
1) Thermal	244.073	6584.708	TOTAL STATE	397.577	10263.393
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	10.378	273.157			
3) Gas (A3+B6+C3)	11.739	281.412			
4) Wind	7.295	169.635			
6) SOLAR	5.593	142.862			
TOTAL STATE	279.078	7451.774			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5816	5710	4903	4918
MSPGCL Hydro	520	475	543	108
MSPGCL Gas	308	293	310	315
MSPGCL Total Generation	6644	6478	5756	5341
Central Sector Receipt	5982	5467	5031	3789
WIND	207	228	270	339
CPP / IPP Thermal	4790	4571	4349	3804
CPP / IPP Gas	0	0	0	0
SOLAR	721	890	0	0
Exchange with Mumbai	-1299	-1244	-1081	-498
MSEDCL DEMAND MET	17045	16390	14325	12775
Load Shedding	0	0	0	0
MSEDCL DEMAND	17045	16390	14325	12775
TPCL GENERATION	733	748	772	385
AEML GENERATION	374	375	373	376
MUMBAI DEMAND	2406	2367	2226	1259
STATE DEMAND MET	19451	18757	16551	14034
STATE DEMAND	19451	18757	16551	14034
Frequency (Hz)	49.93	49.96	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 11:40 Hrs	49.79 Hz at 06:01 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 25/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.98	69.22	220	130
Unit 7	0.00	63.84	0	0
Unit 8	10.80	180.13	480	420
Unit 9	11.89	236.43	552	454
Unit 10	0.00	149.01	0	0
Total	26.66	698.64		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	225.10	0	0
Unit 5	9.05	240.26	485	345
Total	9.05	465.36		
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	4.10	106.24	193	153
Unit 4	4.00	99.90	182	160
Unit 5	9.30	230.77	425	365
Unit 6	9.77	245.15	455	360
Unit 7	9.09	235.68	423	330
Unit 8	10.44	263.75	490	360
Unit 9	10.37	255.77	490	365
Total	57.07	1437.26		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.43	132.95	257	201
Total	5.43	132.95		
Khaparkheda				
Unit 1	3.66	91.89	170	130
Unit 2	3.74	91.98	170	140
Unit 3	3.64	93.88	163	140
Unit 4	3.74	93.32	170	150
Unit 5	10.27	247.98	500	374
Total	25.05	619.05		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	3.99	103.89	202	159
Unit 5	0.00	0.00	0	0
Total	3.99	126.00		
Uran				
All Units	7.36	172.11	319	291
Total	7.36	172.11		
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)	0.03	0.98	18	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	0.98		
Koyna				
Stage 1-2	1.98	47.15	330	40
Stage 4	0.00	14.41	0	0
Stage 3	0.45	14.08	80	0
Total	2.43	75.65		
Hydro				
KDPH	0.44	9.51	19	18
VTRNA	0.49	12.84	60	0
TILLARI	0.54	11.06	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	5.23	80	0
RNGR+BHTSA	0.26	7.26	13	0
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	2.78	0	0
SMLHY_PTN	0.45	10.23	27	16
GHATGHAR	1.27	37.69	250	0
Total	3.74	96.66		
Wind				
Total	7.30	169.64	0	0
Total	7.30	169.64		
CPP				
APML(Mus)	64.16	1663.30	0	0
JSWEL(Mus)	20.94	561.03	0	0
VIPL(Mus)	0.00	81.11	0	0
RPLAMT(Mus)	4.94	42.19	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.55	348.99	0	0
Total	102.58	2696.62		
SOLAR				
Total	5.59	142.86	0	0
Total	5.59	142.86		
Tata				
Trombay 5	0.00	83.46	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	69.25	117	115
Trombay 7B	1.59	40.05	67	66
Trombay 8	5.24	130.80	226	202
TATA Hydro	4.22	100.84	366	0
Total	13.83	424.40		
AEML				
DTPS U-1&2	8.99	138.15	378	373
Total	8.99	138.15		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.26	3535.68	MSPGCL Total	140.78	3880.10
			MSPGCL Thml+Gas	134.62	3707.79	Koyna 1,2 & 4 Total	1.98	61.56
			MSPGCL Hydro	6.16	172.31	State Total	279.08	7451.77

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4915	88	306	5309	509	3524	0	0	4130	4181	-647	12876	0	12876	1437	14313	50.04
2	4934	203	316	5453	400	3653	0	0	3798	4004	-557	12954	0	12954	1318	14272	50.00
3	4918	108	315	5341	339	3804	0	0	3953	3789	-498	12775	0	12775	1259	14034	49.98
4	4949	93	317	5359	394	3853	0	0	3796	3735	-467	12874	0	12874	1227	14101	50.03
5	4927	93	317	5337	413	3838	0	0	4050	4112	-477	13223	0	13223	1238	14461	49.99
6	5263	88	316	5667	427	3928	0	0	4859	5086	-624	14484	0	14484	1386	15870	49.95
7	5641	93	318	6052	389	4364	0	10	5472	5374	-821	15368	0	15368	1613	16981	50.01
8	5786	153	319	6258	339	4938	0	67	6035	6056	-909	16749	0	16749	1802	18551	49.92
9	5849	343	318	6510	259	5043	0	223	6018	5922	-1056	16901	0	16901	2066	18967	50.01
10	5868	428	302	6598	176	4943	0	505	6205	5896	-1195	16923	0	16923	2281	19204	49.96
11	5816	520	308	6644	207	4790	0	721	6232	5982	-1299	17045	0	17045	2406	19451	49.93
12	5727	780	294	6801	210	4654	0	807	5753	5715	-1293	16894	0	16894	2420	19314	49.90
13	5710	475	293	6478	228	4571	0	890	5586	5467	-1244	16390	0	16390	2367	18757	49.96
14	5654	268	293	6215	232	4374	0	797	5211	5470	-1168	15920	0	15920	2214	18134	50.03
15	5672	316	291	6279	268	4324	0	678	5135	5152	-1135	15566	0	15566	2206	17772	49.98
16	5592	201	301	6094	306	4341	0	502	5165	5048	-1100	15191	0	15191	2203	17394	49.89
17	5277	188	293	5758	263	4244	0	318	5054	5284	-1156	14711	0	14711	2200	16911	49.95
18	5207	171	295	5673	205	4350	0	73	4615	4680	-1107	13874	0	13874	2198	16072	50.04
19	5090	313	297	5700	258	4428	0	2	4992	4962	-1203	14147	0	14147	2240	16387	49.99
20	4903	543	310	5756	270	4349	0	0	4716	5031	-1081	14325	0	14325	2226	16551	50.00
21	4851	308	301	5460	398	4209	0	0	4835	4917	-1045	13939	0	13939	2062	16001	49.96
22	4908	156	313	5377	307	4181	0	0	4428	4400	-1015	13250	0	13250	1955	15205	50.03
23	4911	121	314	5346	249	4079	0	0	4280	4284	-914	13044	0	13044	1723	14767	49.99
24	4890	113	314	5317	249	3801	0	0	3821	3951	-767	12551	0	12551	1556	14107	49.98
MUs	127.26	6.16	7.36	140.78	7.30	102.58	0.00	5.59	118.14	118.50	-22.78	351.97	0.00	351.97	45.60	397.58	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 25/Jan/2019

Position as on 6.30 Hrs of 26/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 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	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 25/Jan/2019

Position as on 6.30 Hrs of 26/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		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 26/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	22/01/2019	17.30		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	24/01/2019	10.25	25/01/2019	07.22	PO	RMW & Testing Work (RFC on dt.24.01.2019 at 17.57)
Karad-Jaigad - I	IntraState	24/01/2019	21.45		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/01/2019	01.09	25/01/2019	18.30	HT	Over Voltage. (RFC)
Jaigad-Karad Ckt-I	IntraState	25/01/2019	08.30	25/01/2019	RFC @ 15.0	PO	Construction Work. (RFC at 15.00 hrs)
Cahndrapur II - Dhariwal II	IntraState	25/01/2019	08.35	25/01/2019	17.24	PO	Routine Maintenance Work & Testing Work.
Akola II - Akola I Ckt-II	IntraState	25/01/2019	08.50	25/01/2019	17.47	PO	Routine Maintenance Work & Testing Work.
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		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	26/01/2019	03.19		Continued.	T	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 1 @Dhule	IntraState	24/01/2019	09.35	25/01/2019	00.39	PO	RRS Work
400/15.75KV, 240MVA GT-V at Koradi	IntraState	24/01/2019	13.21	25/01/2019	13.29	PO	Work At Gen End.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	25/01/2019	09.10	25/01/2019	18.25	PO	Painting Work.
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	25/01/2019	23.25		Continued.	PO	Oil Filtration 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.
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		Continued.	HT	For Nanded-Nanded Loading.
Kolhapur-Bidri	IntraState	25/01/2019	08.07	25/01/2019	18.13	PO	Insulator Cleaning Work.
512 Khadki- Century Enka	IntraState	25/01/2019	08.19	25/01/2019	19.21	PO	Conversion of SSN To DSN.
Kalwa - Colourchem	IntraState	25/01/2019	08.36	25/01/2019	16.07	PO	Tightening of Conductor.
Jejuri- Ismt- Lonand	IntraState	25/01/2019	09.15	25/01/2019	19.30	PO	Jumper Replacement Work.
Bableshtar- Alephata ckt I	IntraState	25/01/2019	10.01	25/01/2019	18.38	PO	Diagnostic Testing Work.
Padghe - Jambhul 2	IntraState	25/01/2019	10.02	25/01/2019	01.40	PO	Diagnostic Testing Work.
Koradi-Ambazari-I	IntraState	25/01/2019	10.22	25/01/2019	12.11	EO	Hot Spot On Location 10 Middle Phase.
Karad - Sadawagpur I	IntraState	25/01/2019	10.31	25/01/2019	13.30	PO	CB Trials After Replacement of CB; CB Was On TBC; After Trials Line Will Be Charged Through Own Breaker.
Padghe - Kamba	IntraState	25/01/2019	10.40	25/01/2019	17.30	PO	Diagnostic Testing Work.
Kamba - Kolshet	IntraState	25/01/2019	11.29	25/01/2019	21.15	PO	Diagnostic Testing 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 25/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 26/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Butibori - VIPL Ckt I	IntraState	25/01/2019	11.35	25/01/2019	13.12	PO	Distance Relay Testing Work
Abhijeet-Wardha-Ii	IntraState	25/01/2019	12.40	25/01/2019	14.19	PO	Y-PH CT Tan Delta Measurement Work.
Butibori - VIPL Ckt II	IntraState	25/01/2019	13.21	25/01/2019	14.51	PO	Distance Relay Testing Work
220KV Chalisagaon-Kopergaon	IntraState	25/01/2019	14.35	25/01/2019	17.27	T	Distance Protection
Mudshingi-Belewadi	IntraState	25/01/2019	14.50	25/01/2019	17.14	PO	Quarterly Maintenance Work
Anandnagar - Pal	IntraState	25/01/2019	15.00	25/01/2019	17.45	PO	CRM & Tan Delta.
Chandrapur(MIDC)-Ballarshah II	IntraState	25/01/2019	18.45	25/01/2019	19.32	T	Distance Protection, Z1 B-Ph, 5.1KM 6.06KA,B-14KM.
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	25/01/2019	10.05	25/01/2019	12.24	PO	Diagnostic Testing Work.
220/100 Kv 100 MVA ICT II @Vasai-II	IntraState	25/01/2019	12.33	25/01/2019	19.57	PO	Diagnostic Testing Work.
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.
Kaulewada-Gondia-I	IntraState	25/01/2019	04.40	25/01/2019	11.05	T	Distance Protection, B-Ph Z1,2.29KA, 0.56KM, B PH LA Burst At Gondia End.
Pahur - Pachora	IntraState	25/01/2019	13.05	25/01/2019	14.02	T	Distance Protection, Z1 Y-Ph, 4.02KM.

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