

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jan/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.497	3408.427	1) Gujrat	3.071	53.964
2) Hydro	9.980	166.149	2) Madhya Pradesh	11.537	214.803
3) Gas	7.405	164.746	3) Chattisgarh	5.210	93.950
Total MSPGCL	150.882	3739.322	4) Maharashtra	110.905	2335.752
B) 1) APML	54.842	1599.139	5) Goa (Amona)	-0.198	-5.346
2) JSWEL	21.802	540.096	Total	130.525	2693.123
3) VIPL	0.000	81.108	a) Mumbai Schedule	24.456	504.103
4) RPL(AMT)	5.298	37.251	b) Mumbai Drawl	24.523	587.449
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	9.190	236.549
6) Other IPP	12.821	336.444	Include PX	-4.718	-115.312
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.573	496.923
C) 1) TPCL Thermal	5.301	209.011	Include PX	11.336	141.945
2) TPCL Hydro	4.949	96.630	Include Standby	0.883	7.180
3) TPCL Gas	4.377	104.927	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.437	129.159	1) MSEDCL	366.045	8738.643
D) STATE			2) Mumbai Discoms	47.587	1127.173
1) Thermal	241.998	6340.635	TOTAL STATE	413.632	9865.816
(A1+C1+C4+(B1-B6))					
2) Hydro	14.929	262.779			
(A2+C2)					
3) Gas	11.782	269.673			
(A3+B6+C3)					
4) Wind	8.288	162.340			
6) SOLAR	6.110	137.269			
TOTAL STATE	283.107	7172.696			

* 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	5873	5819	5513	5153
MSPGCL Hydro	1123	636	435	86
MSPGCL Gas	300	292	309	318
MSPGCL Total Generation	7296	6747	6257	5557
Central Sector Receipt	6581	5966	5342	4188
WIND	208	239	329	345
CPP / IPP Thermal	4526	4283	4270	3365
CPP / IPP Gas	0	0	0	0
SOLAR	772	930	1	0
Exchange with Mumbai	-1473	-1274	-1137	-578
MSEDCL DEMAND MET	17910	16891	15062	12877
Load Shedding	0	0	0	0
MSEDCL DEMAND	17910	16891	15062	12877
TPCL GENERATION	768	792	803	385
AEML GENERATION	252	360	377	374
MUMBAI DEMAND	2493	2426	2317	1337
STATE DEMAND MET	20403	19317	17379	14214
STATE DEMAND	20403	19317	17379	14214
Frequency (Hz)	50.05	50.00	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.03 Hrs	49.72 Hz at 09.10 Hrs	49.99	% 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/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.26	65.25	230	130
Unit 7	0.00	63.84	0	0
Unit 8	10.70	169.33	518	350
Unit 9	12.85	224.54	607	460
Unit 10	0.00	149.01	0	0
Total	27.81	671.97		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	3.00	225.10	440	0
Unit 5	9.32	231.22	470	355
Total	12.32	456.31		
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	4.32	102.14	190	165
Unit 4	4.13	95.90	185	159
Unit 5	9.36	221.47	405	360
Unit 6	10.23	235.38	455	360
Unit 7	8.97	226.59	400	325
Unit 8	10.83	253.31	490	360
Unit 9	10.34	245.39	485	360
Total	58.18	1380.19		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.54	127.52	258	137
Total	5.54	127.52		
Khaparkheda				
Unit 1	3.54	88.22	170	125
Unit 2	3.92	88.25	175	140
Unit 3	3.93	90.24	173	157
Unit 4	3.95	89.57	170	155
Unit 5	10.14	237.71	460	380
Total	25.48	594.00		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	4.16	99.90	210	158
Unit 5	0.00	0.00	0	0
Total	4.16	122.01		
Uran				
All Units	7.40	164.75	321	291
Total	7.40	164.75		
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)	0.00	0.94	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.94		
Koyna				
Stage 1-2	2.02	45.18	275	40
Stage 4	2.05	14.41	456	0
Stage 3	1.30	13.63	160	0
Total	5.37	73.22		
Hydro				
KDPH	0.44	9.06	19	18
VTRNA	0.54	12.36	60	0
TILLARI	0.42	10.52	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	4.95	80	0
RNGR+BHTSA	0.26	7.00	13	0
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	2.78	0	0
SMLHY_PTN	0.45	9.78	27	16
GHATGHAR	2.15	36.42	250	0
Total	4.61	92.93		
Wind				
Total	8.29	162.34	0	0
Total	8.29	162.34		
CPP				
APML(Mus)	54.84	1599.14	0	0
JSWEL(Mus)	21.80	540.10	0	0
VIPL(Mus)	0.00	81.11	0	0
RPLAMT(Mus)	5.30	37.25	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.82	336.44	0	0
Total	94.76	2594.04		
SOLAR				
Total	6.11	137.27	0	0
Total	6.11	137.27		
Tata				
Trombay 5	0.00	83.46	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	66.47	117	115
Trombay 7B	1.59	38.46	67	66
Trombay 8	5.30	125.56	235	202
TATA Hydro	4.95	96.63	415	7
Total	14.63	410.57		
AEML				
DTPS U-1&2	8.44	129.16	434	233
Total	8.44	129.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.50	3408.43	MSPGCL Total	150.88	3739.32
			MSPGCL Thml+Gas	140.90	3573.17	Koyna 1,2 & 4 Total	4.07	59.59
			MSPGCL Hydro	9.98	166.15	State Total	283.11	7172.70

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	5138	91	316	5545	285	3482	0	0	4599	4469	-733	13048	0	13048	1530	14578	50.00
2	5113	86	317	5516	367	3354	0	0	4343	4323	-568	12992	0	12992	1401	14393	49.94
3	5153	86	318	5557	345	3365	0	0	4152	4188	-578	12877	0	12877	1337	14214	49.98
4	5222	91	319	5632	304	3370	0	0	4313	4270	-548	13028	0	13028	1309	14337	50.00
5	5285	91	320	5696	306	3387	0	0	4858	4762	-555	13596	0	13596	1315	14911	49.98
6	5481	179	320	5980	302	3369	0	0	5265	5451	-678	14424	0	14424	1452	15876	49.96
7	6137	711	320	7168	328	3876	0	0	5649	5861	-935	16298	0	16298	1632	17930	49.97
8	6176	626	321	7123	258	4396	0	67	6198	6593	-1109	17328	0	17328	1849	19177	50.02
9	5836	1185	319	7340	149	4308	0	321	6202	6426	-1280	17264	0	17264	2127	19391	49.95
10	5830	1129	312	7271	187	4536	0	597	6263	6533	-1344	17780	0	17780	2344	20124	49.90
11	5873	1123	300	7296	208	4526	0	772	6407	6581	-1473	17910	0	17910	2493	20403	50.05
12	5868	1015	306	7189	194	4351	0	873	6442	6720	-1448	17879	0	17879	2487	20366	50.05
13	5819	636	292	6747	239	4283	0	930	6130	5966	-1274	16891	0	16891	2426	19317	50.00
14	5760	501	291	6552	294	4223	0	842	5773	5798	-1186	16523	0	16523	2328	18851	50.05
15	5746	372	291	6409	383	4200	0	749	5896	5840	-1177	16404	0	16404	2326	18730	50.00
16	5776	219	302	6297	386	4142	0	530	5749	5753	-1178	15930	0	15930	2323	18253	49.94
17	5744	244	292	6280	342	4180	0	319	5680	5564	-1171	15514	0	15514	2333	17847	49.97
18	5547	266	305	6118	273	4110	0	103	5044	5452	-1063	14993	0	14993	2308	17301	49.96
19	5489	344	297	6130	296	4223	0	6	5345	5509	-1131	15033	0	15033	2335	17368	49.94
20	5513	435	309	6257	329	4270	0	1	5305	5342	-1137	15062	0	15062	2317	17379	50.00
21	5513	199	300	6012	597	4065	0	0	4958	5079	-1073	14680	0	14680	2170	16850	50.00
22	5338	136	312	5786	697	3662	0	0	4803	4654	-1056	13743	0	13743	2009	15752	50.01
23	5197	135	312	5644	651	3579	0	0	4666	4732	-1007	13599	0	13599	1822	15421	50.00
24	4943	80	314	5337	568	3506	0	0	4563	4659	-821	13249	0	13249	1614	14863	50.01
MUs	133.50	9.98	7.40	150.88	8.29	94.76	0.00	6.11	128.60	130.53	-24.52	366.05	0.00	366.05	47.59	413.63	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/2019

Position as on 6.30 Hrs of 25/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 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 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 24/Jan/2019

Position as on 6.30 Hrs of 25/Jan/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-2	660	21/01/2019	17.32	24/01/2019	23.50	Hot PA Duct Bellow Leakage.	
AEML	AEML Unit 1	250	24/01/2019	06.05	24/01/2019	17.34	Turbine Vibration Problem	
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 24/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 25/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
Chandrapur II - Dhariwal -I	InterState	24/01/2019	09.04	24/01/2019	18.42	PO	Testing Work
Khadka-Aurangabad (Waluj)	IntraState	23/01/2019	17.50	24/01/2019	06.48	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/01/2019	00.53	24/01/2019	16.19	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	24/01/2019	04.21	24/01/2019	15.16	T	Distance Protection
N.Koyna-Karad -Ckt I	IntraState	24/01/2019	07.27	24/01/2019	16.15	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	24/01/2019	10.25		Continued.	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		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 315 MVA ICT-I @ Nagothane	IntraState	24/01/2019	09.20	24/01/2019	19.45	PO	Painting work
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	24/01/2019	09.35	25/01/2019	00.39	PO	RRS Work
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	24/01/2019	10.26	24/01/2019	14.20	PO	Attend CTR N2 Leakage of Y ph Unit
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	24/01/2019	14.30	24/01/2019	19.27	PO	Attend CTR N2 Leakage of Y ph Unit
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.
Lonikand - Bhosari	IntraState	24/01/2019	08.20	24/01/2019	23.04	PO	Double jumpering of CP Jumps & cold line cleaning
Kolhapur-Bidri	IntraState	24/01/2019	09.24	24/01/2019	13.45	PO	Cold Line Cleaning of Disc Insulator
Hamidwada-Mumewadi	IntraState	24/01/2019	10.04	24/01/2019	13.51	PO	Quarterly Maintainance Work
220kv Lonand- Phaltan line	IntraState	24/01/2019	10.15	24/01/2019	12.30	PO	Annual Maintenance Work
Nagothane - MSL	IntraState	24/01/2019	10.40	24/01/2019	18.25	EO	Replacement of Metering CT at MSL End
Kalwa - Colourchem	IntraState	24/01/2019	12.55	24/01/2019	15.42	T	Distance Protection
WALCHANDNAGAR - PHALTAN MIDC	IntraState	24/01/2019	13.45	24/01/2019	16.25	PO	Y PH CT Leakage Attending Work
Sawantwadi-Bidri	IntraState	24/01/2019	13.48	24/01/2019	16.25	PO	Insulator Cleaning work
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	24/01/2019	10.31	24/01/2019	17.32	PO	OLTC Overhauling work
220/132kv 100MVA ICT-II @ Alephata	IntraState	24/01/2019	10.55	24/01/2019	16.50	PO	Diagnostic Testing Work
220/33 Kv 50 Mva Bbl Ptr 2 @Bhenda	IntraState	24/01/2019	13.45	24/01/2019	16.25	PO	Quarterly Maintainance 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 24/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 25/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132KV 100MVA -1@Alephata	IntraState	24/01/2019	16.54	24/01/2019	21.30	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.
110 KV LINE Outages/Trippings							
Kalyan Kalwa Salsette 1	IntraState	24/01/2019	09.30	24/01/2019	18.43	PO	Tree Trimming