

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Jan/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.792	3274.930	1) Gujrat	3.203	50.893
2) Hydro	8.496	156.169	2) Madhya Pradesh	11.282	203.266
3) Gas	7.360	157.341	3) Chattisgarh	4.320	88.740
Total MSPGCL	152.648	3588.440	4) Maharashtra	112.027	2224.847
B) 1) APML	57.257	1544.297	5) Goa (Amona)	-0.132	-5.148
2) JSWEL	22.181	518.294	Total	130.700	2562.598
3) VIPL	0.000	81.108	a) Mumbai Schedule	23.613	477.266
4) RPL(AMT)	5.105	31.953	b) Mumbai Drawl	25.855	562.926
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	10.965	227.358
6) Other IPP	12.365	323.623	Include PX	-1.982	-110.595
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.613	470.968
C) 1) TPCL Thermal	5.289	203.710	Include PX	11.291	130.610
2) TPCL Hydro	5.577	91.681	Include Standby	0.000	6.298
3) TPCL Gas	4.380	100.550	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.932	120.722	1) MSEDCL	367.339	8372.598
D) STATE			2) Mumbai Discoms	50.033	1079.586
1) Thermal	247.921	6098.637	TOTAL STATE	417.372	9452.184
(A1+C1+C4+(B1-B6))					
2) Hydro	14.073	247.850			
(A2+C2)					
3) Gas	11.740	257.891			
(A3+B6+C3)					
4) Wind	7.038	154.052			
6) SOLAR	5.900	131.159			
TOTAL STATE	286.672	6889.589			

* 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 4 Hrs
MSPGCL Thermal	6113	6181	6000	4932
MSPGCL Hydro	676	400	312	88
MSPGCL Gas	309	293	309	312
MSPGCL Total Generation	7098	6874	6620	5332
Central Sector Receipt	7103	6003	5221	4753
WIND	204	235	163	380
CPP / IPP Thermal	4438	4296	4247	3572
CPP / IPP Gas	0	0	0	0
SOLAR	732	869	0	0
Exchange with Mumbai	-1328	-1341	-1154	-813
MSEDCL DEMAND MET	18248	16936	15098	13224
Load Shedding	0	0	0	0
MSEDCL DEMAND	18248	16936	15098	13224
TPCL GENERATION	828	836	826	400
AEML GENERATION	502	394	408	203
MUMBAI DEMAND	2658	2571	2388	1416
STATE DEMAND MET	20906	19506	17486	14640
STATE DEMAND	20906	19506	17486	14640
Frequency (Hz)	50.04	50.05	49.96	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 12.00 Hrs	49.79 Hz at 07.18 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 23/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.22	60.99	215	120
Unit 7	0.00	63.84	0	0
Unit 8	8.75	158.63	400	350
Unit 9	12.75	211.69	599	460
Unit 10	0.00	149.01	0	0
Total	25.71	644.16		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.34	222.09	500	350
Unit 5	10.28	221.90	500	350
Total	20.62	443.98		
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	4.40	97.82	199	164
Unit 4	4.16	91.77	185	160
Unit 5	9.37	212.11	410	364
Unit 6	10.28	225.16	465	363
Unit 7	9.36	217.62	439	330
Unit 8	10.76	242.48	481	360
Unit 9	6.40	235.05	457	0
Total	54.73	1322.02		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.54	121.97	258	134
Total	5.54	121.97		
Khaparkheda				
Unit 1	3.84	84.69	170	135
Unit 2	3.94	84.32	170	140
Unit 3	3.83	86.31	168	150
Unit 4	3.92	85.62	170	155
Unit 5	10.47	227.57	480	360
Total	26.00	568.52		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	4.20	95.73	206	160
Unit 5	0.00	0.00	0	0
Total	4.20	117.84		
Uran				
All Units	7.36	157.34	315	293
Total	7.36	157.34		
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	2.24	43.16	330	35
Stage 4	1.22	12.37	450	0
Stage 3	0.72	12.33	160	0
Total	4.18	67.85		
Hydro				
KDPH	0.44	8.62	19	19
VTRNA	0.58	11.82	60	0
TILLARI	0.42	10.10	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	4.61	80	0
RNGR+BHTSA	0.26	6.73	12	0
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	2.78	0	0
SMLHY_PTN	0.45	9.33	27	16
GHATGHAR	1.78	34.27	250	0
Total	4.32	88.32		
Wind				
Total	7.04	154.05	0	0
Total	7.04	154.05		
CPP				
APML(Mus)	57.26	1544.30	0	0
JSWEL(Mus)	22.18	518.29	0	0
VIPL(Mus)	0.00	81.11	0	0
RPLAMT(Mus)	5.10	31.95	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.36	323.62	0	0
Total	96.91	2499.28		
SOLAR				
Total	5.90	131.16	0	0
Total	5.90	131.16		
Tata				
Trombay 5	0.00	83.46	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	63.68	117	115
Trombay 7B	1.60	36.87	67	66
Trombay 8	5.29	120.25	236	201
TATA Hydro	5.58	91.68	430	0
Total	15.25	395.94		
AEML				
DTPS U-1&2	8.93	120.72	502	200
Total	8.93	120.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.79	3274.93	MSPGCL Total	152.65	3588.44
			MSPGCL Thml+Gas	144.15	3432.27	Koyna 1,2 & 4 Total	3.46	55.52
			MSPGCL Hydro	8.50	156.17	State Total	286.67	6889.59

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	4872	108	313	5292	732	3526	0	0	4734	4769	-1028	13292	0	13292	1628	14920	49.92
2	4889	148	314	5350	553	3560	0	0	4533	4605	-907	13162	0	13162	1507	14668	49.97
3	4986	92	313	5392	410	3571	0	0	4881	4692	-861	13204	0	13204	1448	14652	49.98
4	4932	88	312	5332	380	3572	0	0	4830	4753	-813	13224	0	13224	1416	14640	49.92
5	5048	88	303	5438	385	3565	0	0	5112	5024	-782	13630	0	13630	1428	15058	49.97
6	5506	282	315	6102	328	3792	0	0	5171	5375	-813	14784	0	14784	1564	16348	49.97
7	5832	672	314	6818	319	4174	0	4	5763	5673	-902	16086	0	16086	1795	17882	49.98
8	5917	966	315	7198	272	4524	0	62	6129	6323	-939	17440	0	17440	1984	19424	49.92
9	6030	1064	315	7410	144	4523	0	294	6054	6251	-1118	17504	0	17504	2323	19826	49.99
10	6097	884	300	7282	172	4498	0	516	6305	6373	-1268	17572	0	17572	2558	20130	50.03
11	6113	676	309	7098	204	4438	0	732	6836	7103	-1328	18248	0	18248	2658	20906	50.04
12	6123	438	296	6858	221	4385	0	829	6620	6440	-1339	17394	0	17394	2610	20004	50.07
13	6181	400	293	6874	235	4296	0	869	6011	6003	-1341	16936	0	16936	2571	19506	50.05
14	6225	232	303	6760	269	4113	0	842	5626	5742	-1225	16502	0	16502	2390	18892	50.04
15	6149	212	293	6654	347	4207	0	759	5582	5473	-1230	16210	0	16210	2369	18580	49.99
16	5913	242	302	6458	293	4027	0	584	5618	5866	-1283	15944	0	15944	2402	18346	50.01
17	5755	326	295	6376	231	4105	0	325	5411	5532	-1208	15362	0	15362	2412	17774	50.00
18	5880	396	296	6572	179	4205	0	83	4942	5091	-1157	14974	0	14974	2373	17346	50.04
19	5989	216	307	6512	156	4312	0	1	5291	5262	-1181	15062	0	15062	2392	17454	49.97
20	6000	312	309	6620	163	4247	0	0	5252	5221	-1154	15098	0	15098	2388	17486	49.96
21	5945	244	300	6488	222	4097	0	0	5018	5002	-1072	14738	0	14738	2222	16960	49.96
22	5905	152	313	6370	280	3989	0	0	5003	4601	-1034	14206	0	14206	2045	16250	50.00
23	5370	130	315	5814	262	3692	0	0	4770	4722	-998	13492	0	13492	1869	15362	49.96
24	5135	126	315	5576	281	3490	0	0	4665	4804	-874	13278	0	13278	1681	14958	50.01
MUs	136.79	8.50	7.36	152.65	7.04	96.91	0.00	5.90	130.16	130.70	-25.86	367.34	0.00	367.34	50.03	417.37	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 23/Jan/2019

Position as on 6.30 Hrs of 24/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 23/Jan/2019

Position as on 6.30 Hrs of 24/Jan/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
AEML	AEML Unit 1	250	21/01/2019	11.11	23/01/2019	03.58	Turbine Vibration	
IPP	Adani U-2	660	21/01/2019	17.32		Continued.	Hot PA Duct Bellow Leakage.	
MSPGCL	Chandrapur Unit 9	500	22/01/2019	19.03	23/01/2019	11.12	Tripping of Primary Water Pumps.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 24/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
Padgha Tarapur I	InterState	23/01/2019	09.04	23/01/2019	19.32	EO	Work at Tarapur End
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	23/01/2019	17.08	23/01/2019	22.08	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	22/01/2019	21.37	23/01/2019	06.42	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/01/2019	01.25	23/01/2019	07.38	HT	Over Voltage
Deepnagar Taptitanda	IntraState	23/01/2019	07.14	23/01/2019	16.33	PO	Rept.of Dead End & MID Span Joint
Koradi-Bhusawal	IntraState	23/01/2019	07.26	23/01/2019	15.09	PO	Rept. of Y & B PH Conductors at loc no 17 & 18
N.Koyna-Karad -Ckt I	IntraState	23/01/2019	09.03	23/01/2019	15.58	PO	Attending Hot Spot
Akola II - Akola I Ckt-I	IntraState	23/01/2019	09.11	23/01/2019	17.30	PO	Routine Maintenance Work
Parly(MS)- Nanded ckt I	IntraState	23/01/2019	11.12	23/01/2019	15.16	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	23/01/2019	17.50		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/01/2019	00.53		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	24/01/2019	04.21		Continued.	T	Distance Protection
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.
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	23/01/2019	08.49	23/01/2019	17.33	PO	Diagnostic Testing work
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	23/01/2019	13.56	23/01/2019	17.45	PO	Commissioning of CSD Relay
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.
PARLY (PG) - OSMANABAD	InterState	23/01/2019	05.27	23/01/2019	06.00	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	22/01/2019	11.23		Continued.	HT	For Nanded-Nanded Loading.
Trombay - Mulund	IntraState	23/01/2019	07.10	23/01/2019	09.12	PO	Attending Hot Spot
Eklahare (Gcr) - Ghatghar	IntraState	23/01/2019	09.57	23/01/2019	18.27	PO	Earth wire replacement work
Talandge-Mudshingi Ckt-I	IntraState	23/01/2019	10.06	23/01/2019	13.12	PO	Quarterly Maintenance Work
Gorai MSETCL Borivali Line-1	IntraState	23/01/2019	10.22	23/01/2019	18.54	PO	Testing Work
Ghatghar - Bapgaon	IntraState	23/01/2019	10.30	23/01/2019	18.54	PO	Earth Wire Replacement work
Karad - Kadegaon	IntraState	23/01/2019	10.49	23/01/2019	16.28	PO	Diagnostic Testing Work
BOISAR BORIVALI	IntraState	23/01/2019	11.01	23/01/2019	15.39	PO	Diagnostic Testing work
Pirangut - Hinjawadi 2	IntraState	23/01/2019	11.22	23/01/2019	14.40	PO	Diagnostic Testing work
Kalwa - Mulund 1	IntraState	23/01/2019	11.56	23/01/2019	16.19	PO	Diagnostic Testing Work
Topworth - Kharghar	IntraState	23/01/2019	12.38	23/01/2019	19.19	PO	Line Bunching Work
Kadegaon-Miraj	IntraState	23/01/2019	17.00	23/01/2019	18.32	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 23/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 24/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132kV 100MVA ICT-1@Jeur	IntraState	23/01/2019	12.30	23/01/2019	18.20	PO	Quarterly Maintainance 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	23/01/2019	10.00	23/01/2019	18.02	PO	Tree Trimming