

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.102	3120.994	1) Gujrat	1.429	41.144
2) Hydro	7.593	190.358	2) Madhya Pradesh	18.350	327.486
3) Gas	6.884	159.363	3) Chattisgarh	5.690	139.680
Total MSPGCL	146.579	3470.715	4) Maharashtra	112.065	2314.044
B) 1) APML	75.232	1433.618	5) Goa (Amona)	-0.572	-11.528
2) JSWEL	21.833	482.332	Total	136.962	2810.826
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.376	374.987
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.571	403.651
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.010	345.806
6) Other IPP	12.091	291.945	Include PX	3.568	3.188
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.376	374.094
C) 1) TPCL Thermal	13.906	314.927	Include PX	4.985	116.126
2) TPCL Hydro	3.333	77.349	Standby	0.000	0.894
3) TPCL Gas	4.261	94.001	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.955	223.289	1) MSEDCL	390.294	8449.623
D) STATE			2) Mumbai Discoms	51.026	1113.210
1) Thermal	265.119	5867.105	TOTAL STATE	441.320	9562.833
(A1+C1+C4+(B1-B6))					
2) Hydro	10.926	267.707			
(A2+C2)					
3) Gas	11.145	253.364			
(A3+B7+C3)					
4) Wind	9.982	220.106			
6) SOLAR	7.186	143.732			
TOTAL STATE	304.358	6752.014			

* 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 4 Hrs
MSPGCL Thermal	5536	5640	5470	5070
MSPGCL Hydro	465	444	507	150
MSPGCL Gas	268	264	288	295
MSPGCL Total Generation	6269	6348	6265	5515
Central Sector Receipt	6935	6488	5166	5000
WIND	223	213	429	662
CPP / IPP Thermal	4692	4580	4858	4055
CPP / IPP Gas	0	0	0	0
SOLAR	1003	1114	0	0
Exchange with Mumbai	-1034	-997	-939	-436
MSEDCL DEMAND MET	18088	17746	15779	14796
Load Shedding	0	0	0	0
MSEDCL DEMAND	18088	17746	15779	14796
TPCL GENERATION	1108	1126	1141	654
AEML GENERATION	499	500	416	374
MUMBAI DEMAND	2641	2623	2496	1464
STATE DEMAND MET	20729	20369	18275	16260
STATE DEMAND	20729	20369	18275	16260
Frequency (Hz)	49.99	49.97	50.04	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06:01 Hrs	49.8 Hz at 18:47 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 23/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.90	46.28	175	140
Unit 7	0.00	0.00	0	0
Unit 8	10.64	235.95	455	406
Unit 9	10.71	250.70	527	381
Unit 10	10.04	235.80	540	301
Total	35.28	768.73		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.17	228.04	500	355
Unit 5	11.18	195.85	500	355
Total	22.34	423.89		
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	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.60	99.96	198	164
Unit 4	4.44	74.42	190	161
Unit 5	9.81	162.37	420	370
Unit 6	0.00	167.41	0	0
Unit 7	9.28	221.37	415	340
Unit 8	0.00	220.49	0	0
Unit 9	11.25	241.94	481	460
Total	39.38	1187.97		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.57	91.89	243	221
Total	5.57	91.89		
Khaparkheda				
Unit 1	3.56	82.86	170	130
Unit 2	3.75	84.52	160	140
Unit 3	4.01	78.18	170	158
Unit 4	3.72	86.51	170	140
Unit 5	10.19	221.63	470	375
Total	25.24	553.71		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	1.34	31.35	173	0
Unit 5	2.95	63.45	195	0
Total	4.29	94.80		
Uran				
All Units	6.88	159.36	305	262
Total	6.88	159.36		
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	0.51	29	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	0.51		
Koyna				
Stage 1-2	2.12	53.64	205	40
Stage 4	0.19	27.69	88	0
Stage 3	0.50	17.96	80	0
Total	2.80	99.30		
Hydro				
KDPH	0.65	9.40	38	19
VTRNA	0.82	15.13	59	0
TILLARI	0.48	6.02	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	3.84	80	0
RNGR+BHTSA	0.28	6.94	12	11
BHANDARDRA	0.49	3.38	44	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	12.09	21	20
GHATGHAR	1.34	34.26	219	0
Total	4.79	91.06		
Wind				
Total	9.98	220.11	0	0
Total	9.98	220.11		
CPP				
APML(Mus)	75.23	1433.62	0	0
JSWEL(Mus)	21.83	482.33	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.09	291.94	0	0
Total	109.16	2207.90		
SOLAR				
Total	7.19	143.73	0	0
Total	7.19	143.73		
Tata				
Trombay 5	8.67	195.31	479	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.69	58.88	117	86
Trombay 7B	1.57	35.13	68	58
Trombay 8	5.23	119.62	236	198
TATA Hydro	3.33	77.35	363	0
Total	21.50	486.28		
AEML				
DTPS U-1&2	9.96	223.29	501	372
Total	9.96	223.29		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.10	3120.99	MSPGCL Total	146.58	3470.72
			MSPGCL Thml+Gas	138.99	3280.36	Koyna 1,2 & 4 Total	2.31	81.33
			MSPGCL Hydro	7.59	190.36	State Total	304.36	6752.01

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/Feb/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	5417	236	293	5946	523	4053	0	0	5120	5268	-656	15134	0	15134	1749	16883	50.04
2	5368	218	303	5889	631	4065	0	0	5053	5098	-540	15143	0	15143	1607	16750	50.00
3	5144	185	293	5622	689	4059	0	0	5004	4913	-481	14802	0	14802	1536	16338	50.02
4	5070	150	295	5515	662	4055	0	0	4960	5000	-436	14796	0	14796	1464	16260	50.00
5	5262	170	305	5737	549	4101	0	0	5026	5139	-471	15055	0	15055	1493	16548	49.96
6	5568	206	296	6070	536	4437	0	0	5213	5302	-564	15781	0	15781	1591	17372	49.99
7	5640	262	296	6198	509	4586	0	4	6303	6341	-652	16986	0	16986	1722	18708	50.04
8	5627	470	305	6402	391	4815	0	125	6327	6279	-519	17493	0	17493	1854	19347	49.96
9	5672	432	292	6396	348	4707	0	395	6470	6383	-716	17513	0	17513	2078	19591	49.98
10	5566	527	288	6381	264	4744	0	662	6176	6526	-927	17650	0	17650	2332	19982	50.01
11	5602	460	284	6346	279	4695	0	859	6410	6685	-971	17893	0	17893	2548	20441	50.02
12	5536	465	268	6269	223	4692	0	1003	6598	6935	-1034	18088	0	18088	2641	20729	49.99
13	5640	444	264	6348	213	4580	0	1114	6288	6488	-997	17746	0	17746	2623	20369	49.97
14	5638	292	272	6202	201	4696	0	974	5885	6130	-902	17301	0	17301	2486	19787	50.03
15	5668	292	262	6222	241	4628	0	834	5959	6096	-906	17115	0	17115	2497	19612	49.99
16	5648	377	264	6289	371	4577	0	638	5735	6134	-1065	16944	0	16944	2465	19409	49.90
17	5610	425	277	6312	412	4591	0	422	5683	5790	-1086	16441	0	16441	2444	18885	49.98
18	5526	246	282	6054	361	4665	0	150	5249	5449	-1088	15591	0	15591	2417	18008	50.02
19	5423	241	284	5948	369	4825	0	6	5100	5283	-1035	15396	0	15396	2432	17828	49.97
20	5470	507	288	6265	429	4858	0	0	5213	5166	-939	15779	0	15779	2496	18275	50.04
21	5504	204	288	5996	415	4817	0	0	5169	5223	-989	15462	0	15462	2378	17840	50.05
22	5511	407	290	6208	459	4747	0	0	4961	5033	-937	15510	0	15510	2217	17727	50.03
23	5506	226	292	6024	461	4641	0	0	5054	5172	-868	15430	0	15430	2052	17482	50.02
24	5486	151	303	5940	446	4522	0	0	5215	5129	-792	15245	0	15245	1904	17149	49.95
MUs	132.10	7.59	6.88	146.58	9.98	109.16	0.00	7.19	134.17	136.96	-19.57	390.29	0.00	390.29	51.03	441.32	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 23/Feb/2019

Position as on 6.30 Hrs of 24/Feb/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	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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.	
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. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
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	
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	
IPP	RPL(AMT) U-1	270	27/01/2019	02.17		Continued.	Withdrawn On RSD.	
MSPGCL	Nasik Unit 4	210	08/02/2019	05.18	23/02/2019	14.13	Zero schedule	
MSPGCL	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Chandrapur Unit-8	500	21/02/2019	19.39		Continued.	BFP common Dischagre	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Feb/2019

Position as on 6.30 Hrs of 24/Feb/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Header Leakage Attending work	
MSPGCL	Nasik Unit 5	210	23/02/2019	17.20		Continued.	Swapping with Unit 4	

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

Statement-VII

Position as on 6.30 Hrs of 24/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	24/02/2019	12.23	24/02/2019	15.21	T	Tripped Due to Non-Availability of Base Filter.
Chandrapur - Padghe Hvdc Pole 2	IntraState	24/02/2019	12.23		Continued.	T	High Pressure Pole-2 B-Phase Converter TF Alarm.
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 II	InterState	18/02/2019	18.16		Continued.	HT	Over Voltage
Dabhol Newkoyana li	InterState	24/02/2019	10.56		Continued.	PO	String Replacement Work.
Kalwa - Talegaon(PG)	IntraState	16/02/2019	08.59		Continued.	PO	Construction Work for height raising.
Kalwa - Kharghar	IntraState	16/02/2019	09.46		Continued.	PO	Construction Work for height raising.
Deepnagar Taptitanda	IntraState	23/02/2019	07.15	23/02/2019	18.44	PO	Replacement of Mid Span Joint
Nagothane - Dabhol-II	IntraState	23/02/2019	10.46	24/02/2019	08.59	PO	Routine maint.work(RFC 19.50Hrs)
Bhusawal-Aurangabad	IntraState	23/02/2019	19.59		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	24/02/2019	12.11	24/02/2019	12.23	T	Tripped From Padghe End Y-B-E Phase. Zone-1. D-55KM.
Kharghar-Talegaon(PG)	IntraState	24/02/2019	13.40	24/02/2019	16.58	T	Distance Protection due to Grass Fire
Padghe - Nagothane - I	IntraState	24/02/2019	23.43		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 315 MVA ICT I @Babhleshwar	IntraState	23/02/2019	08.05	23/02/2019	17.52	PO	Routine Maintenance Work
400/220/33 Kv 315 Mva Ict 1 @Girwali	IntraState	23/02/2019	15.25	23/02/2019	16.15	T	Bus Bar Protection Operated
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.
Khadka-Chalisgaon-1	IntraState	19/02/2019	09.16		Continued.	PO	For Erection Of Inline Tower.
Khadka-Chalisgaon-2	IntraState	19/02/2019	09.28		Continued.	PO	For Erection Of Inline Tower.
Loteparshuram- Dasturi Line	IntraState	23/02/2019	09.22	23/02/2019	14.35	PO	Half yearly maintenance work
Trombay - Kalwa	IntraState	23/02/2019	09.30	23/02/2019	13.55	PO	Replacement of Wavetrap Jumper
Kalmeshwar-Pandhurna	IntraState	23/02/2019	09.51	23/02/2019	20.43	PO	Line Maintenance work
Nagothane-Wadkhal-I	IntraState	23/02/2019	10.48	23/02/2019	16.01	PO	Routine Maintenance Work
Tata Borivli MSETCL Borivli 4	IntraState	23/02/2019	11.43	23/02/2019	15.06	PO	To attend Hot Spot
Nagothane - ACCIL	IntraState	23/02/2019	13.11	23/02/2019	17.54	PO	Line Maintenance work
Nanded-Ghatodi	IntraState	23/02/2019	14.03	23/02/2019	18.10	PO	Line Signature Test
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	23/02/2019	15.25	24/02/2019	18.51	T	B Phase CT Burst
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	23/02/2019	15.25	23/02/2019	16.20	T	Bus Bar Protection Operated
Hingoli- Girawali	IntraState	23/02/2019	15.25	23/02/2019	16.04	T	Bus Bar Protection Operated

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/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 24/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Talandge-Hamidwada	IntraState	23/02/2019	18.03	23/02/2019	21.50	T	Tripped on R Phase Earth Fault
Mumewadi -Halkarni II	IntraState	24/02/2019	02.34	24/02/2019	02.55	T	Distance Protection B Phase, 2.21KA.
Half Bus section-I @ Yavatmal	IntraState	24/02/2019	09.30	24/02/2019	19.25	PO	Erection of Two Numbers of CB Isolators. In Two New Bays.
Gadchandur - Virur-I	IntraState	24/02/2019	11.58	24/02/2019	15.25	PO	LA Replacement.
Lonikand-VSNL	IntraState	24/02/2019	12.40	24/02/2019	15.37	T	Distance Protection Operated B-PH. Zone-1. 14.41KM. 7.65KA.
Pusad-Ghatodi	IntraState	24/02/2019	12.51	24/02/2019	15.43	PO	Diagnostic Testing Work.
220 KV ICT Outages/Trippings							
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	13/02/2019	11.35		Continued.	PO	LV Bushing Replacement,Work For 10 Days
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	23/02/2019	08.43	23/02/2019	20.52	PO	Testing Work
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	23/02/2019	13.50	23/02/2019	15.58	PO	Attending Oil Leakage
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	23/02/2019	18.10	23/02/2019	19.58	EO	Testing Work
220/33kv 125 MVA T/F-III @ Goregaon	IntraState	24/02/2019	00.19	24/02/2019	04.33	PO	Auto Restoration Scheme Under SIS DPR Scheme.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	22/10/2018	18.40		Continued.	HT	CB Closed At Pench & In view Of Outage On 132kv Kanhan-Mansar Line.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Rahatani-Varasgaon	IntraState	24/02/2019	14.12	24/02/2019	14.58	T	Distance Protection Operated Fault Current 4.121KA

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