

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Mar/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.653	627.690	1) Gujrat	2.752	10.300
2) Hydro	8.650	36.111	2) Madhya Pradesh	17.592	85.295
3) Gas	7.045	35.358	3) Chattisgarh	5.940	28.350
Total MSPGCL	142.348	699.159	4) Maharashtra	111.604	550.706
B) 1) APML	73.224	353.299	5) Goa (Amona)	-0.418	-1.892
2) JSWEL	21.769	101.165	Total	137.470	672.759
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.492	90.673
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.936	101.594
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	12.244	57.899
6) Other IPP	11.600	60.289	Include PX	-2.014	-9.220
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.492	90.673
C) 1) TPCL Thermal	13.744	67.544	Include PX	7.678	36.028
2) TPCL Hydro	4.511	15.944	Standby	0.000	0.000
3) TPCL Gas	4.367	21.298	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.760	49.089	1) MSEDCL	388.725	1893.834
D) STATE			2) Mumbai Discoms	54.318	255.470
1) Thermal	256.750	1259.076	TOTAL STATE	443.043	2149.304
(A1+C1+C4+(B1-B6))					
2) Hydro	13.161	52.055			
(A2+C2)					
3) Gas	11.412	56.656			
(A3+B7+C3)					
4) Wind	16.579	71.601			
6) SOLAR	7.671	37.156			
TOTAL STATE	305.573	1476.544			

* 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	5361	5422	5411	4941
MSPGCL Hydro	810	480	221	193
MSPGCL Gas	288	286	291	293
MSPGCL Total Generation	6459	6188	5923	5427
Central Sector Receipt	6624	6167	5816	4947
WIND	377	551	793	948
CPP / IPP Thermal	4775	4654	4695	3813
CPP / IPP Gas	0	0	0	0
SOLAR	1067	1000	0	0
Exchange with Mumbai	-1083	-1058	-1199	-471
MSEDCL DEMAND MET	18219	17502	16028	14664
Load Shedding	0	0	0	0
MSEDCL DEMAND	18219	17502	16028	14664
TPCL GENERATION	1245	1233	1010	698
AEML GENERATION	501	475	373	374
MUMBAI DEMAND	2829	2766	2582	1543
STATE DEMAND MET	21048	20268	18610	16207
STATE DEMAND	21048	20268	18610	16207
Frequency (Hz)	49.91	50.00	49.94	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18:02 Hrs	49.69 Hz at 16.26 Hrs	49.96	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 05/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.84	19.02	170	145
Unit 7	0.00	0.00	0	0
Unit 8	9.35	50.03	440	325
Unit 9	11.90	20.07	560	423
Unit 10	6.18	49.98	584	0
Total	31.28	139.10		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.40	48.18	500	350
Unit 5	10.31	48.15	500	350
Total	20.72	96.34		
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	4.42	21.75	196	167
Unit 4	4.29	21.15	189	160
Unit 5	9.75	47.90	430	370
Unit 6	0.00	0.00	0	0
Unit 7	0.00	22.23	0	0
Unit 8	11.03	53.20	495	360
Unit 9	10.80	51.84	500	360
Total	40.29	218.07		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.79	28.24	255	202
Total	5.79	28.24		
Khaparkheda				
Unit 1	3.58	19.21	160	135
Unit 2	3.67	18.54	160	140
Unit 3	3.70	19.40	165	142
Unit 4	3.68	19.45	160	140
Unit 5	9.84	48.97	460	377
Total	24.48	125.56		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.10	20.39	197	156
Unit 5	0.00	0.00	0	0
Total	4.10	20.39		
Uran				
All Units	7.04	35.36	308	285
Total	7.04	35.36		
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)	0.01	0.10	8	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.01	0.10		
Koyna				
Stage 1-2	2.88	11.92	370	40
Stage 4	0.18	0.51	176	0
Stage 3	0.64	2.94	148	0
Total	3.70	15.37		
Hydro				
KDPH	0.89	3.00	37	37
VTRNA	1.10	4.43	61	0
TILLARI	0.18	0.18	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	0.82	80	0
RNGR+BHTSA	0.32	1.56	14	13
BHANDARDRA	0.46	2.33	42	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	0.92	18	8
GHATGHAR	1.59	7.50	250	0
Total	4.95	20.74		
Wind				
Total	16.58	71.60	0	0
Total	16.58	71.60		
CPP				
APML(Mus)	73.22	353.30	0	0
JSWEL(Mus)	21.77	101.16	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)	11.60	60.29	0	0
Total	106.59	514.75		
SOLAR				
Total	7.67	37.16	0	0
Total	7.67	37.16		
Tata				
Trombay 5	8.67	42.11	483	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	13.47	117	116
Trombay 7B	1.58	7.82	67	65
Trombay 8	5.08	25.43	227	202
TATA Hydro	4.51	15.94	409	0
Total	22.62	104.79		
AEML				
DTPS U-1&2	9.76	49.09	501	373
Total	9.76	49.09		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.65	627.69	MSPGCL Total	142.35	699.16
			MSPGCL Thml+Gas	133.70	663.05	Koyna 1,2 & 4 Total	3.06	12.43
			MSPGCL Hydro	8.65	36.11	State Total	305.57	1476.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Mar/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	4971	178	293	5442	785	3860	0	0	5499	5361	-659	14789	0	14789	1786	16575	49.96
2	4911	183	303	5397	881	3909	0	0	5282	5278	-592	14873	0	14873	1673	16546	49.96
3	4933	163	293	5389	986	3924	0	0	5096	5101	-519	14881	0	14881	1589	16470	49.99
4	4941	193	293	5427	948	3813	0	0	4972	4947	-471	14664	0	14664	1543	16207	49.91
5	5050	133	303	5486	860	3926	0	0	5164	5042	-500	14814	0	14814	1570	16384	49.93
6	5499	144	294	5937	707	4212	0	0	5550	5644	-595	15905	0	15905	1683	17588	49.92
7	5810	443	290	6543	546	4704	0	0	5781	6094	-571	17316	0	17316	1894	19210	49.94
8	5814	755	308	6877	369	4706	0	154	6108	6012	-603	17515	0	17515	2083	19598	49.95
9	5355	571	294	6220	265	4653	0	451	6322	6746	-909	17426	0	17426	2366	19792	49.97
10	5336	594	293	6223	228	4714	0	737	6400	6387	-1070	17219	0	17219	2619	19838	50.03
11	5321	589	290	6200	280	4872	0	919	6063	6486	-1156	17601	0	17601	2790	20391	50.00
12	5361	810	288	6459	377	4775	0	1067	6282	6624	-1083	18219	0	18219	2829	21048	49.91
13	5422	480	286	6188	551	4654	0	1000	6117	6167	-1058	17502	0	17502	2766	20268	50.00
14	5392	391	286	6069	714	4648	0	1072	5897	5928	-1222	17209	0	17209	2618	19827	50.02
15	5350	298	286	5934	826	4644	0	888	5924	5914	-1162	17044	0	17044	2618	19662	49.94
16	5143	364	285	5792	922	4597	0	756	5919	6078	-1161	16984	0	16984	2637	19621	49.92
17	5239	581	285	6105	924	4631	0	472	5721	5536	-1152	16516	0	16516	2645	19161	49.84
18	5312	267	299	5878	1061	4701	0	153	5460	5283	-1177	15899	0	15899	2611	18510	50.02
19	5351	205	289	5845	860	4699	0	2	5407	5310	-1174	15542	0	15542	2568	18110	49.95
20	5411	221	291	5923	793	4695	0	0	5785	5816	-1199	16028	0	16028	2582	18610	49.94
21	5254	201	292	5747	765	4651	0	0	5661	5487	-1151	15499	0	15499	2453	17952	49.99
22	5282	212	303	5797	715	4397	0	0	5491	5360	-1017	15252	0	15252	2290	17542	49.99
23	5012	282	295	5589	607	4189	0	0	5417	5587	-943	15029	0	15029	2134	17163	49.96
24	5183	392	306	5881	609	4019	0	0	5359	5282	-792	14999	0	14999	1971	16970	49.98
MUs	126.65	8.65	7.04	142.35	16.58	106.59	0.00	7.67	136.68	137.47	-21.94	388.72	0.00	388.72	54.32	443.04	49.96

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 05/Mar/2019

Position as on 6.30 Hrs of 06/Mar/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	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)	
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 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 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	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Nasik Unit 5	210	23/02/2019	17.20		Continued.	Swapping with Unit 4	
MSPGCL	Chandrapur Unit 7	500	03/03/2019	12.20		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Mar/2019

Position as on 6.30 Hrs of 06/Mar/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 10	660	05/03/2019	08.09	05/03/2019	14.57	Tripping of both air heater motor.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 06/Mar/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	05/03/2019	08.52	05/03/2019	15.53	PO	Dynamic contented resistance measurement.
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	27/02/2019	17.30		Continued.	HT	Over Voltage
Waluj Aurangabad(PG) II	InterState	05/03/2019	09.30	05/03/2019	11.59	PO	Busbar 1 Protn Operated Due to Maloperation of Busbar Relay.
Dabhol Nagothane I	InterState	06/03/2019	08.31		Continued.	PO	LE Scheme insulator Replacement Work. (06/Mar/2019 -20.05.RFC)
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.
Karad-Jaigad - I	IntraState	28/02/2019	22.06	05/03/2019	09.39	HT	Over Voltage
Babhaleshwar - Bhusawal II	IntraState	05/03/2019	07.14	05/03/2019	18.56	PO	Replacement of faulty insulator.
Taptitanda Waluj	IntraState	05/03/2019	09.18	05/03/2019	17.21	PO	Fixing of corona ring.
Deepnagar - Aurangabad	IntraState	05/03/2019	09.30	05/03/2019	11.02	PO	Busbar 1 Protn Operated Due to Maloperation of Busbar Relay.
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	05/03/2019	09.30	05/03/2019	12.08	T	Tripped At Aurangabad End Only.
Warora-Tirora-I	IntraState	05/03/2019	10.09	06/03/2019	21.09	PO	Breaker Pole Replacement.
Jaigad-New Koyna Ckt-I	IntraState	05/03/2019	10.13	05/03/2019	17.03	PO	busbar scheme commissioning work.
Chandrapur-II - Nanded ckt I	IntraState	05/03/2019	11.39	06/03/2019	19.03	PO	Replacement of polymer insulator string. RFC(06/Mar/2019 08.30)
Jaigad-New Koyna Ckt-II	IntraState	05/03/2019	17.35	05/03/2019	20.39	PO	Busbar scheme commissioning work.
Khadka-Aurangabad (Waluj)	IntraState	05/03/2019	19.59	06/03/2019	06.59	HT	Over Voltage
Bus Coupler @ Koradi	IntraState	06/03/2019	12.31	06/03/2019	18.32	PO	CT TAN DELTA .
Khadka-Aurangabad (Waluj)	IntraState	06/03/2019	18.11		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	06/03/2019	23.35		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 300 MVA ICT- I @Koradi	IntraState	05/03/2019	10.22	05/03/2019	19.10	PO	Cold Welding Work.
400/220KV 500MVA ICT1@koradi 2	IntraState	06/03/2019	09.31	06/03/2019	19.27	PO	Cold Welding.
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.
Nasik Navsari I	InterState	05/03/2019	04.07	05/03/2019	07.46	T	Distance Protection Y phase E/F
Wardha Deoli (Pg)	InterState	05/03/2019	10.54	05/03/2019	17.25	T	Routine Maintenance 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.
Lonikand (400 Kv)-Theur I	IntraState	05/03/2019	07.33	05/03/2019	08.14	PO	Bus Bar 1 Operated Due to CT Clamp Broken of 220KV Ranjangaon Ckt.

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 05/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 06/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ranjangaon-Lonikand	IntraState	05/03/2019	07.33	05/03/2019	17.02	PO	Bus Bar 1 Operated Due to CT Clamp Broken of 220KV Ranjangaon Ckt.
VILEBHAGAD KANDALGAON	IntraState	05/03/2019	09.25	05/03/2019	17.40	PO	Diagnostic testing work.
Kandalgaon - Bhira	IntraState	05/03/2019	11.00	05/03/2019	17.30	PO	Diagnostic testing work.
Talandage - Sawantwadi I	IntraState	05/03/2019	12.25	05/03/2019	17.15	PO	Tan Delta Measurment
Sawantwadi-Bidri	IntraState	05/03/2019	17.50	05/03/2019	19.35	PO	Tan Delta Measurement.
Kadegaon-Miraj	IntraState	05/03/2019	18.13	05/03/2019	20.26	HT	Safety Purpose, Loc No.211,222 Fire Nearby.
Alkud Miraj	IntraState	06/03/2019	05.15	06/03/2019	10.32	T	Distance Protection,D-07 KM,Y-E,Z-1,IA-6.4 KA.
Miraj - Mhaishal	IntraState	06/03/2019	06.15	06/03/2019	14.40	T	Distance Protection,B&E,Z-1,D-6.9KM,IA-6.96KA
Kalmeshwar-Pandhurna	IntraState	06/03/2019	09.38		Continued.	PO	Routine Maintenance Work
Kadegaon-Miraj	IntraState	06/03/2019	14.23	06/03/2019	16.36	EO	String Replacement At Loc No.211 R PH & 217 Y PH polymer Cleaning At Loc222.
220 KV ICT Outages/Trippings							
220/132kV 100MVA ICT-1@Jeur	IntraState	16/02/2019	10.55	06/03/2019	18.15	PO	ICT is commissioned 200MVA in place of 100MVA capacity under augmentation scheme.
220/33kV 100MVA Transformer 1 @Versova R/S	IntraState	04/03/2019	13.20	05/03/2019	16.52	EO	Cross verification of Gas alarm
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	05/03/2019	09.20	05/03/2019	17.54	PO	Diagnostic testing work.
220/33KV 100MVA ICT II @ chakan	IntraState	06/03/2019	08.00	06/03/2019	17.38	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	01/03/2019	13.37		Continued.	HT	CB HT In view Of Outage On 132kv Kanhan-Mansar Line.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Himayatnagar - Tamsa	IntraState	05/03/2019	12.51	05/03/2019	19.35	T	Distance protection Z1 Y PH BHP.
Harangul-Latur(Koyana) Ckt-I	IntraState	05/03/2019	19.47	05/03/2019	20.01	T	R PH Z1 7.4 KM 4.5 KA, AR successful at latur end , R PH , 1.851 KA, 6.55 KM.

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