

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Mar/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.100	1127.110	1) Gujrat	-0.977	8.614
2) Hydro	24.650	112.322	2) Madhya Pradesh	18.722	167.177
3) Gas	4.400	48.387	3) Chattisgarh	6.150	49.450
Total MSPGCL	170.150	1287.819	4) Maharashtra Net	115.415	919.305
B) 1) APML	46.077	341.446	5) Goa (Amona)	-0.396	-4.312
2) JSWEL	19.568	142.849	Total	138.914	1140.234
3) VIPL	7.492	55.030	a) Mumbai Schedule	22.281	169.223
4) RPL(AMT)	19.926	152.363	b) Mumbai Drawl	22.607	184.463
5) WPCL	4.426	29.392	c) MSEDCL Bilateral *	38.680	291.372
6) PGPL	0.000	0.000	Include PX	9.059	79.086
7) Other IPP	10.804	87.187	d) Mumbai Bilateral *	22.281	169.223
C) 1) TPCL Thermal	17.568	124.627	Include PX	8.791	58.659
2) TPCL Hydro	5.292	32.408	Include Standby	0.000	0.000
3) TPCL Gas	2.564	28.871	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.037	89.282	1) MSEDCL	402.656	3118.349
D) STATE			2) Mumbai Discoms	60.068	459.648
1) Thermal	278.998	2149.286	TOTAL STATE	462.724	3577.997
(A1+C1+C4+(B1-B6))					
2) Hydro	29.942	144.730			
(A2+C2)					
3) Gas	6.964	77.258			
(A3+B6+C3)					
4) Wind	4.617	39.196			
6) SOLAR	3.289	27.296			
TOTAL STATE	323.810	2437.766			

* 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	5932	6013	5910	5746
MSPGCL Hydro	1464	1446	1164	255
MSPGCL Gas	156	211	146	279
MSPGCL Total Generation	7552	7670	7220	6280
Central Sector Receipt	6913	6897	5069	4993
WIND	238	182	165	116
CPP / IPP Thermal	4620	4564	4575	4429
CPP / IPP Gas	0	0	0	0
SOLAR	444	497	0	0
Exchange with Mumbai	-1303	-1307	-1042	-493
MSEDCL DEMAND MET	18464	18503	15987	15325
Load Shedding	0	0	0	0
MSEDCL DEMAND	18464	18503	15987	15325
TPCL GENERATION	1254	1222	1204	825
R-INFRA GENERATION	501	502	502	501
MUMBAI DEMAND	3058	3031	2748	1819
STATE DEMAND MET	21522	21534	18735	17144
STATE DEMAND	21522	21534	18735	17144
Frequency (Hz)	49.87	49.98	49.95	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.01 Hrs	49.74 Hz at 11.30 Hrs	49.94	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 08/Mar/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	68.92	0	0
Unit 9	12.08	64.09	564	401
Unit 10	13.95	109.22	640	500
Total	26.02	242.22		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.76	90.54	500	480
Unit 5	11.81	91.56	500	480
Total	23.57	182.10		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.78	45.64	250	216
Unit 7	5.50	44.53	252	166
Unit 8	5.57	43.76	241	217
Total	16.84	133.92		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.04	88.77	465	450
Unit 6	0.00	0.00	0	0
Unit 7	10.69	29.31	450	435
Unit 8	0.00	69.72	0	0
Unit 9	11.27	89.65	483	445
Total	33.00	277.46		
Paras				
Unit 3	6.00	47.62	253	250
Unit 4	5.98	47.79	251	242
Total	11.98	95.42		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.43	17.96	200	170
Unit 4	4.83	23.02	210	187
Unit 5	11.66	92.00	500	437
Total	20.92	132.99		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.18	32.94	179	166
Unit 5	4.58	26.25	196	175
Total	8.76	63.01		
Uran				
All Units	4.40	48.39	279	136
Total	4.40	48.39		
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	0.24	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.24		
Koyna				
Stage 1-2	6.60	31.04	505	40
Stage 4	10.08	37.28	1000	0
Stage 3	3.65	14.45	240	0
Total	20.34	82.78		
Hydro				
KDPH	0.86	6.05	36	36
VTRNA	1.45	9.40	61	59
TILLARI	0.00	0.10	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	1.73	80	0
RNGR+BHTSA	0.34	2.41	15	14
BHANDARDRA	0.46	2.10	30	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.72	5.45	31	30
GHATGHAR	0.16	2.30	90	0
Total	4.31	29.54		
Wind				
Total	4.62	39.20	0	0
Total	4.62	39.20		
CPP				
APML(Mus)	46.08	341.45	0	0
JSWEL(Mus)	19.57	142.85	0	0
VIPL(Mus)	7.49	55.03	0	0
RPLAMT(Mus)	19.93	152.36	0	0
WPCL(Mus)	4.43	29.39	0	0
Other(Mus)	10.80	87.19	0	0
Total	108.29	808.27		
SOLAR				
Total	3.29	27.30	0	0
Total	3.29	27.30		
Tata				
Trombay 5	11.67	80.81	489	481
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	17.59	72	46
Trombay 7B	1.13	11.28	54	38
Trombay 8	5.90	43.82	248	238
TATA Hydro	5.29	32.41	419	6
Total	25.42	185.91		
R-INFRA				
DTPS U-1&2	12.04	89.28	504	499
Total	12.04	89.28		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.10	1127.11	MSPGCL Total	170.15	1287.82
			MSPGCL Thml+Gas	145.50	1175.50	Koyna 1,2 & 4 Total	16.68	68.32
			MSPGCL Hydro	24.65	112.32	State Total	323.81	2437.77

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/Mar/2018

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	5744	516	278	6538	167	4421	0	0	5333	5409	-823	15712	0	15712	2216	17928	49.95
2	5750	366	278	6394	87	4388	0	0	5256	5174	-686	15357	0	15357	2034	17391	49.94
3	5725	381	278	6384	98	4410	0	0	5186	4985	-575	15302	0	15302	1900	17202	49.90
4	5746	255	279	6280	116	4429	0	0	5159	4993	-493	15325	0	15325	1819	17144	49.94
5	5749	319	279	6347	206	4424	0	0	5154	5417	-471	15923	0	15923	1797	17720	49.95
6	5797	825	279	6901	259	4421	0	0	5439	5627	-531	16677	0	16677	1888	18565	49.97
7	5876	1328	165	7369	241	4519	0	0	6226	6242	-629	17742	0	17742	2016	19758	49.94
8	5925	1570	150	7645	182	4620	0	51	5760	6061	-604	17955	0	17955	2178	20133	49.96
9	5935	1549	150	7634	148	4501	0	177	5438	5827	-815	17472	0	17472	2455	19927	49.94
10	5860	1458	146	7464	111	4615	0	300	5564	6017	-1016	17491	0	17491	2779	20270	49.91
11	5873	1308	145	7326	206	4555	0	417	5938	6418	-1216	17706	0	17706	2979	20685	49.92
12	5932	1464	156	7552	238	4620	0	444	6773	6913	-1303	18464	0	18464	3058	21522	49.87
13	6013	1446	211	7670	182	4564	0	497	6627	6897	-1307	18503	0	18503	3031	21534	49.98
14	6027	1608	166	7801	134	4443	0	465	6298	6630	-1269	18204	0	18204	2921	21125	49.97
15	5986	1617	142	7745	131	4524	0	429	6580	6596	-1265	18160	0	18160	2960	21120	49.95
16	5978	1688	142	7808	124	4584	0	308	6581	6719	-1198	18345	0	18345	2963	21308	49.90
17	5967	1829	144	7940	101	4584	0	156	6156	6286	-1165	17902	0	17902	2935	20837	49.93
18	5917	1696	144	7757	127	4597	0	45	5337	5017	-1195	16348	0	16348	2866	19214	49.96
19	5910	856	145	6911	181	4475	0	0	5286	5450	-1092	15925	0	15925	2744	18669	49.92
20	5910	1164	146	7220	165	4575	0	0	5203	5069	-1042	15987	0	15987	2748	18735	49.95
21	5918	422	146	6486	242	4530	0	0	5133	5261	-1047	15472	0	15472	2641	18113	49.95
22	5896	365	147	6408	416	4528	0	0	5186	5312	-1061	15603	0	15603	2472	18075	49.96
23	5835	345	148	6328	440	4520	0	0	5221	5322	-938	15672	0	15672	2383	18055	49.94
24	5831	275	136	6242	315	4445	0	0	5301	5272	-866	15408	0	15408	2285	17693	49.93
MUs	141.10	24.65	4.40	170.15	4.62	108.29	0.00	3.29	136.13	138.91	-22.61	402.66	0.00	402.66	60.07	462.72	49.94

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 08/Mar/2018

Position as on 6.30 Hrs of 09/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koyna Unit 4	70	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem, converted to COH w.e.f 25.01.2018	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
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	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	VIPL U-1	300	30/01/2018	22.55		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage (Out due to coal shortage w.e.f 15.02.2018)	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Mar/2018

Position as on 6.30 Hrs of 09/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45		Continued.	Poor Coal Receipt.	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
MSPGCL	Khaparkheda Unit 2	210	21/02/2018	17.27		Continued.	Boiler Tube Leakage(Converted to coal shortage w.e.f 23.02.2018	
MSPGCL	Uran Unit 5	108	25/02/2018	11.11		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	25/02/2018	11.11		Continued.	Gas shortage	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	01/03/2018	20.40		Continued.	suspected btl.	
MSPGCL	Koradi Unit-8	660	06/03/2018	16.07		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	06/03/2018	23.05		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	08/03/2018	06.03	08/03/2018	11.23	Gas Pressure Low.	
MSPGCL	Uran Unit 8	108	08/03/2018	13.11		Continued.	Natural Gas Valve Tripped.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 09/Mar/2018

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							
HVDC Pole-I	IntraState	08/03/2018	01.51	08/03/2018	12.03	T	High Angle Supervision Order.(Restricted Upto 900MW)
Chandrapur - Padghe Hvdc Pole 1	IntraState	08/03/2018	01.51	09/03/2018	12.03	T	High Angle Supervision Order.
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	06/03/2018	17.30		Continued.	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	08/03/2018	06.35	08/03/2018	10.50	T	Over Voltage
Chandrapur II - Dhariwal -I	InterState	08/03/2018	09.34	08/03/2018	19.51	PO	Line Maint Work. Line Taken In Service Through TBC.
Dhule Sar'Sarovar I	InterState	08/03/2018	10.35	08/03/2018	14.55	OO	String Replacement
Khadka-Aurangabad (Waluj)	IntraState	07/03/2018	17.54	08/03/2018	06.28	HT	Over Voltage
Padghe - Nagothane - II	IntraState	08/03/2018	09.48	08/03/2018	18.20	PO	Routine Maintenance Work
Koradi-Khaperkheda I	IntraState	08/03/2018	12.12	08/03/2018	17.19	PO	Tan Delta Measurement.
Pune(GIS)-Talegaon(PG) Ckt 2	IntraState	08/03/2018	16.52	08/03/2018	19.12	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	08/03/2018	20.20		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	08/03/2018	09.09	08/03/2018	14.02	PO	Diagnostic Testing.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	08/03/2018	10.47	08/03/2018	16.38	PO	Isolator Overhauling.
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.
Talandage - Chikodi	InterState	08/03/2018	06.14	08/03/2018	16.40	T	Distance Protection
Mudshingi Chikodi	InterState	08/03/2018	06.26	08/03/2018	12.06	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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Nerle - Dasgaon	IntraState	06/03/2018	13.05	08/03/2018	17.19	PO	To Change Copper Terminal Connectors To Aluminium.
Mudshingi-Belewadi	IntraState	08/03/2018	04.14	08/03/2018	17.52	T	Distance Protection
Talandage(400kv) - Five Star Midc	IntraState	08/03/2018	06.35	08/03/2018	12.08	T	Distance Protection
Sawantwadi-Bidri	IntraState	08/03/2018	06.47	08/03/2018	08.10	T	Distance Protection
Nanded- Bhokar I	IntraState	08/03/2018	07.41	08/03/2018	13.31	PO	Carrying Out Signature Test.
Talandge-Hamidwada	IntraState	08/03/2018	07.46	08/03/2018	12.46	T	Distance Protection
Gangapur-Valve	IntraState	08/03/2018	08.42	08/03/2018	10.26	PO	Routine Maintenance Work
Mulund - GIS Bhandup	IntraState	08/03/2018	09.01	08/03/2018	22.28	PO	Main Bus Replacement.
Amalner - Bambhori	IntraState	08/03/2018	10.02	08/03/2018	16.40	PO	Jumper Tightening Work At Various LOC.
Kharepatan -Pawas Line	IntraState	08/03/2018	10.18	08/03/2018	12.46	PO	Insulator String Washing.
Badnera - Amravati	IntraState	08/03/2018	10.23	08/03/2018	17.40	PO	Replacement Of Aux. Iso. Under

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 08/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 09/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							LE Scheme.
Kandalgaon - Pirangut	IntraState	08/03/2018	10.25	08/03/2018	18.31	PO	Line Maintenance work
Nanded-Parbhani	IntraState	08/03/2018	14.08	08/03/2018	17.29	PO	Replacement Of Flashover Disc Insulator String At LOC. No. 45 R-PH.
Niwali - Pawas Line	IntraState	08/03/2018	14.43	08/03/2018	16.45	PO	Isolator String Washing.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential protection
220/22 Kv 50 Mva Ptr 2 @Lonikand	IntraState	08/03/2018	09.17	08/03/2018	19.30	PO	Routine Maintenance Work
220/132 Kv 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	08/03/2018	10.40	08/03/2018	14.05	PO	Diagnostic Testing.

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