

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Mar/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.070	1778.656	1) Gujrat	1.407	33.878
2) Hydro	10.728	129.764	2) Madhya Pradesh	17.074	240.771
3) Gas	6.992	98.389	3) Chattisgarh	4.960	74.270
Total MSPGCL	149.790	2006.809	4) Maharashtra	113.305	1564.248
B) 1) APML	73.879	1019.077	5) Goa (Amona)	-0.352	-5.038
2) JSWEL	21.287	305.880	Total	136.394	1908.129
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.791	264.013
4) RPL(AMT)	5.560	30.680	b) Mumbai Drawl	19.276	280.105
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	12.017	176.623
6) Other IPP	11.501	163.143	Include PX	-2.954	-20.628
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.791	264.013
C) 1) TPCL Thermal	14.792	193.728	Include PX	7.385	95.131
2) TPCL Hydro	6.089	62.282	Standby	0.000	0.000
3) TPCL Gas	4.368	60.475	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.267	139.600	1) MSEDCL	398.589	5433.623
D) STATE			2) Mumbai Discoms	54.792	736.192
1) Thermal	269.356	3630.764	TOTAL STATE	453.381	6169.815
(A1+C1+C4+(B1-B6))					
2) Hydro	16.817	192.046			
(A2+C2)					
3) Gas	11.360	158.864			
(A3+B7+C3)					
4) Wind	12.754	179.096			
6) SOLAR	6.700	100.914			
TOTAL STATE	316.987	4261.684			

* 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 3 Hrs
MSPGCL Thermal	5846	5824	5678	4902
MSPGCL Hydro	995	715	421	240
MSPGCL Gas	282	282	288	295
MSPGCL Total Generation	7123	6821	6387	5437
Central Sector Receipt	6282	6009	5779	5231
WIND	205	233	399	748
CPP / IPP Thermal	4866	4838	4818	4197
CPP / IPP Gas	0	0	0	0
SOLAR	920	958	0	0
Exchange with Mumbai	-968	-903	-1097	-555
MSEDCL DEMAND MET	18428	17956	16286	15058
Load Shedding	0	0	0	0
MSEDCL DEMAND	18428	17956	16286	15058
TPCL GENERATION	1361	1361	1117	696
AEML GENERATION	501	500	375	374
MUMBAI DEMAND	2830	2764	2589	1625
STATE DEMAND MET	21258	20720	18875	16683
STATE DEMAND	21258	20720	18875	16683
Frequency (Hz)	50.00	49.96	50.01	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 21.31 Hrs	49.8 Hz at 18.43 Hrs	49.98	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 14/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.04	54.28	185	155
Unit 7	0.00	0.00	0	0
Unit 8	9.57	139.58	479	300
Unit 9	9.94	115.95	506	348
Unit 10	10.73	139.89	501	349
Total	34.28	449.71		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.54	95.94	500	355
Unit 5	10.62	141.77	500	355
Total	21.16	237.72		
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	4.25	11.67	250	0
Total	4.25	11.67		
Chandrapur				
Unit 3	4.43	62.27	195	163
Unit 4	4.07	60.13	178	160
Unit 5	9.65	132.88	425	365
Unit 6	0.00	0.00	0	0
Unit 7	0.00	33.34	0	0
Unit 8	10.53	152.52	470	360
Unit 9	10.52	148.69	480	365
Total	39.20	589.82		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.88	79.24	250	210
Total	5.88	79.24		
Khaparkheda				
Unit 1	4.02	54.06	200	135
Unit 2	4.15	52.96	183	160
Unit 3	4.48	54.54	201	160
Unit 4	0.00	49.74	0	0
Unit 5	10.22	140.36	450	380
Total	22.86	351.66		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.44	58.84	210	160
Unit 5	0.00	0.00	0	0
Total	4.44	58.84		
Uran				
All Units	6.99	98.39	306	279
Total	6.99	98.39		
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)	0.14	1.49	29	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	1.49		
Koyna				
Stage 1-2	3.62	39.40	460	40
Stage 4	1.80	15.06	500	0
Stage 3	1.40	12.30	160	0
Total	6.81	66.75		
Hydro				
KDPH	0.89	10.97	37	37
VTRNA	0.94	12.93	61	0
TILLARI	0.43	3.85	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	3.38	80	0
RNGR+BHTSA	0.27	4.06	12	11
BHANDARDRA	0.42	6.29	37	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	8.34	21	20
GHATGHAR	0.11	13.20	106	0
Total	3.92	63.01		
Wind				
Total	12.75	179.10	0	0
Total	12.75	179.10		
CPP				
APML(Mus)	73.88	1019.08	0	0
JSWEL(Mus)	21.29	305.88	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.56	30.68	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	11.50	163.14	0	0
Total	112.23	1518.78		
SOLAR				
Total	6.70	100.91	0	0
Total	6.70	100.91		
Tata				
Trombay 5	9.48	121.98	487	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	38.43	117	115
Trombay 7B	1.58	22.04	67	65
Trombay 8	5.31	71.75	234	201
TATA Hydro	6.09	62.28	459	0
Total	25.25	316.48		
AEML				
DTPS U-1&2	10.27	139.60	501	372
Total	10.27	139.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.07	1778.66	MSPGCL Total	149.79	2006.81
			MSPGCL Thml+Gas	139.06	1877.04	Koyna 1,2 & 4 Total	5.41	54.45
			MSPGCL Hydro	10.73	129.76	State Total	316.99	4261.68

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	5183	180	295	5658	1034	4151	0	0	5456	5230	-704	15369	0	15369	1837	17206	49.98
2	4947	270	305	5522	909	4156	0	0	5164	5221	-622	15186	0	15186	1703	16889	49.96
3	4902	240	295	5437	748	4197	0	0	5144	5231	-555	15058	0	15058	1625	16683	49.94
4	4965	295	304	5564	691	4202	0	0	5214	5266	-504	15219	0	15219	1574	16793	49.99
5	5342	215	296	5853	715	4194	0	0	5385	5305	-517	15550	0	15550	1588	17138	49.98
6	5506	274	305	6085	817	4415	0	0	5792	5912	-634	16595	0	16595	1711	18306	49.95
7	5645	831	296	6772	755	5062	0	6	5771	5882	-566	17911	0	17911	1911	19822	50.00
8	5507	1023	306	6836	672	5132	0	145	5858	5712	-582	17915	0	17915	2095	20010	50.01
9	5492	566	293	6351	504	4931	0	381	5967	6300	-763	17704	0	17704	2368	20072	49.98
10	5510	708	289	6507	333	4813	0	632	6087	6207	-880	17612	0	17612	2630	20242	49.97
11	5628	789	286	6703	281	4851	0	824	6158	6112	-951	17820	0	17820	2799	20619	50.02
12	5846	995	282	7123	205	4866	0	920	6170	6282	-968	18428	0	18428	2830	21258	50.00
13	5824	715	282	6821	233	4838	0	958	6125	6009	-903	17956	0	17956	2764	20720	49.96
14	5883	287	279	6449	226	4848	0	938	6033	5941	-808	17594	0	17594	2667	20261	50.02
15	5912	193	280	6385	302	4823	0	763	6032	6128	-830	17571	0	17571	2688	20259	49.96
16	5944	464	282	6690	293	4803	0	608	5990	6032	-846	17580	0	17580	2706	20286	49.95
17	5989	217	283	6489	330	4761	0	384	6025	5712	-842	16834	0	16834	2678	19512	49.97
18	5966	117	285	6368	306	4696	0	135	5827	5829	-959	16376	0	16376	2625	19000	49.98
19	5734	189	286	6209	325	4674	0	6	5572	5728	-1039	15903	0	15903	2581	18484	49.95
20	5678	421	288	6387	399	4818	0	0	5781	5779	-1097	16286	0	16286	2589	18875	50.01
21	5308	424	288	6020	522	4737	0	0	5499	5386	-1012	15653	0	15653	2448	18101	49.98
22	5048	779	301	6128	717	4760	0	0	5146	4956	-964	15597	0	15597	2276	17873	50.06
23	5269	314	293	5876	803	4850	0	0	4933	4820	-914	15434	0	15434	2124	17558	49.95
24	5042	222	293	5557	634	4650	0	0	5112	5414	-816	15440	0	15440	1975	17414	49.97
MUs	132.07	10.73	6.99	149.79	12.75	112.23	0.00	6.70	136.24	136.39	-19.28	398.59	0.00	398.59	54.79	453.38	49.98

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 14/Mar/2019

Position as on 6.30 Hrs of 15/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 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 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		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	
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	13/03/2019	20.39		Continued.	Turbine Over Speed Problem Malfunction.	
MSPGCL	Khaparkheda Unit 4	210	13/03/2019	22.45		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Mar/2019

Position as on 6.30 Hrs of 15/Mar/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U1	300	14/03/2019	09.29	14/03/2019	18.23	Auxiliary Cooling Water Line Leakage.	
MSPGCL	Parli Unit 8	250	14/03/2019	18.10		Continued.	Generator protection	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 15/Mar/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	11/03/2019	16.42		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	14/03/2019	10.55		Continued.	PO	Le Scheme for Insulator String Replacement.
Khadka-Aurangabad (Waluj)	IntraState	13/03/2019	18.15	14/03/2019	06.39	HT	Over Voltage
Karad - Lonikand 1	IntraState	14/03/2019	11.05	14/03/2019	12.27	PO	BusBar Commissioning Work.
Koradi-Bhusawal	IntraState	14/03/2019	15.53	14/03/2019	16.10	PO	Reactor Work.
Akola - Bhusawal	IntraState	14/03/2019	16.26	14/03/2019	16.46	PO	Reactor Work.
Khadka-Aurangabad (Waluj)	IntraState	14/03/2019	17.09		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.
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	14/03/2019	10.10	14/03/2019	15.38	PO	Testing Work
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.
Ambazari-Amravati	IntraState	13/03/2019	10.17		Continued.	PO	To carry out the in line tower erection work of LOC 159A of 220KV Amravati -ambazari lilo at karanja S/STN under existing 220KV S/C ambazari amravati T/L.
Devgaon - Rangari	IntraState	13/03/2019	23.16	14/03/2019	01.14	T	Distance Protection
Koradi - Kawlewada II	IntraState	14/03/2019	07.56	14/03/2019	12.12	PO	Line Maintenance work
220kv Halkarni- Tillary	IntraState	14/03/2019	09.06	14/03/2019	17.59	PO	Insulator Cleaning Work.
Butibori - VIPL Ckt II	IntraState	14/03/2019	09.49	14/03/2019	16.34	PO	Testing Work
Bus Section @ VSNL	IntraState	14/03/2019	09.58	14/03/2019	13.20	PO	Testing Work.
Uran - Apta III	IntraState	14/03/2019	10.33	14/03/2019	16.36	PO	Replacement Of Broken Earthwire.
IPCL - SPCL	IntraState	14/03/2019	11.10	14/03/2019	21.45	PO	Line work.
Chinchwad- Parvati	IntraState	14/03/2019	12.13	14/03/2019	13.45	PO	Testing Of CB; Line Is Normally Open At Parvati End.
Yeotmal- Pusad	IntraState	14/03/2019	14.19	14/03/2019	17.30	PO	Tan Delta & Diagnostic Testing.
220 KV ICT Outages/Trippings							
220/132 KV 100MVA ICT-II @ Walchandnagar	IntraState	14/03/2019	10.24	14/03/2019	14.40	PO	Checking Healthiness&Attending Oil Leakage Of Ctr.
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	14/03/2019	10.30	14/03/2019	19.45	PO	Bushing,Winding Tan Delta Measurement.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip Form Pench end for system requirment.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.

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