

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.839	2029.873	1) Gujrat	5.761	27.757
2) Hydro	5.902	90.170	2) Madhya Pradesh	10.704	109.217
3) Gas	7.264	92.200	3) Chattisgarh	2.820	53.750
Total MSPGCL	158.005	2212.243	4) Maharashtra	94.783	1252.212
B) 1) APLM	67.605	959.321	5) Goa (Amona)	-0.264	-3.080
2) JSWEL	21.779	317.214	Total	113.804	1439.856
3) VIPL	4.278	72.509	a) Mumbai Schedule	26.391	246.869
4) RPL(AMT)	3.450	3.450	b) Mumbai Drawl	26.675	306.809
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	9.829	157.213
6) Other IPP	13.261	212.709	Include PX	-2.542	-69.565
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.391	246.869
C) 1) TPCL Thermal	5.229	156.454	Include PX	10.609	23.948
2) TPCL Hydro	5.248	47.316	Standby	0.000	0.000
3) TPCL Gas	4.398	61.052	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.677	66.590	1) MSEDCL	368.329	5075.788
D) STATE			2) Mumbai Discoms	46.229	638.223
1) Thermal	265.118	3818.120	TOTAL STATE	414.558	5714.011
(A1+C1+C4+(B1-B6))					
2) Hydro	11.150	137.486			
(A2+C2)					
3) Gas	11.662	153.252			
(A3+B7+C3)					
4) Wind	7.337	84.865			
6) SOLAR	5.485	80.430			
TOTAL STATE	300.752	4274.153			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6663	6681	5685	5658
MSPGCL Hydro	359	199	525	86
MSPGCL Gas	291	287	293	317
MSPGCL Total Generation	7313	7167	6503	6061
Central Sector Receipt	6096	5492	4983	3162
WIND	344	338	442	230
CPP / IPP Thermal	5085	5047	4631	3829
CPP / IPP Gas	0	0	0	0
SOLAR	804	845	0	0
Exchange with Mumbai	-1395	-1369	-1298	-629
MSEDCL DEMAND MET	18247	17520	15261	12653
Load Shedding	0	0	0	0
MSEDCL DEMAND	18247	17520	15261	12653
TPCL GENERATION	789	762	848	387
AEML GENERATION	249	250	186	187
MUMBAI DEMAND	2433	2381	2332	1203
STATE DEMAND MET	20680	19901	17593	13856
STATE DEMAND	20680	19901	17593	13856
Frequency (Hz)	50.01	50.05	50.03	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 12.00 Hrs	49.79 Hz at 04.11 Hrs	50.01	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/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.31	27.79	160	100
Unit 7	2.92	49.01	150	97
Unit 8	9.62	73.50	451	300
Unit 9	9.52	110.63	450	301
Unit 10	9.72	142.09	450	301
Total	35.09	403.03		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.39	134.98	500	350
Unit 5	9.44	135.10	500	350
Total	18.83	270.08		
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	4.22	59.33	190	163
Unit 4	4.10	54.59	185	161
Unit 5	9.10	129.64	405	356
Unit 6	9.30	135.95	425	360
Unit 7	9.60	131.79	443	360
Unit 8	10.12	145.83	490	365
Unit 9	9.90	146.18	475	362
Total	56.36	803.31		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.39	74.38	257	190
Total	5.39	74.38		
Khaparkheda				
Unit 1	3.66	51.22	165	130
Unit 2	3.72	50.04	160	140
Unit 3	3.87	52.16	174	155
Unit 4	3.84	51.18	170	155
Unit 5	9.93	137.98	470	373
Total	25.04	342.58		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	4.13	57.96	203	162
Unit 5	0.00	0.00	0	0
Total	4.13	80.07		
Uran				
All Units	7.26	92.20	320	272
Total	7.26	92.20		
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	0.78	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.78		
Koyna				
Stage 1-2	1.55	25.79	255	40
Stage 4	0.00	5.36	0	0
Stage 3	0.43	7.02	80	0
Total	1.98	38.18		
Hydro				
KDPH	0.44	4.64	19	18
VTRNA	0.52	6.92	60	0
TILLARI	0.42	6.01	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	2.24	80	0
RNGR+BHTSA	0.30	4.11	13	12
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	2.78	0	0
SMLHY_PTN	0.40	5.01	25	14
GHATGHAR	1.66	20.23	250	0
Total	3.93	51.99		
Wind				
Total	7.34	84.86	0	0
Total	7.34	84.86		
CPP				
APML(Mus)	67.60	959.32	0	0
JSWEL(Mus)	21.78	317.21	0	0
VIPL(Mus)	4.28	72.51	0	0
RPLAMT(Mus)	3.45	3.45	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.26	212.71	0	0
Total	110.37	1565.20		
SOLAR				
Total	5.48	80.43	0	0
Total	5.48	80.43		
Tata				
Trombay 5	0.00	83.46	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	38.64	117	115
Trombay 7B	1.61	22.41	68	66
Trombay 8	5.23	73.00	227	202
TATA Hydro	5.25	47.32	438	0
Total	14.88	264.82		
AEML				
DTPS U-1&2	4.68	66.59	250	186
Total	4.68	66.59		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.84	2029.87	MSPGCL Total	158.00	2212.24
			MSPGCL Thml+Gas	152.10	2122.07	Koyna 1,2 & 4 Total	1.55	31.15
			MSPGCL Hydro	5.90	90.17	State Total	300.75	4274.15

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	5663	91	315	6069	309	3823	0	0	3824	3518	-801	12918	0	12918	1373	14291	50.01
2	5640	86	316	6042	284	3830	0	0	3532	3174	-690	12640	0	12640	1264	13904	49.98
3	5658	86	317	6061	230	3829	0	0	3140	3162	-629	12653	0	12653	1203	13856	49.98
4	5705	86	317	6108	252	3809	0	0	3145	3268	-596	12841	0	12841	1171	14012	50.02
5	5680	86	318	6084	242	3833	0	0	3510	3619	-627	13151	0	13151	1201	14352	49.92
6	5705	165	317	6187	314	3894	0	0	4430	4595	-766	14224	0	14224	1351	15575	49.95
7	6210	381	308	6899	433	4369	0	3	4964	5051	-950	15805	0	15805	1572	17377	49.99
8	6565	296	320	7181	372	5085	0	48	5402	5578	-1028	17236	0	17236	1782	19018	50.03
9	6593	389	318	7300	308	5267	0	270	5644	5513	-1219	17439	0	17439	2047	19486	50.03
10	6575	420	313	7308	283	5281	0	502	5864	6009	-1337	18046	0	18046	2273	20319	50.04
11	6645	421	297	7363	307	5277	0	707	6172	5829	-1454	18029	0	18029	2427	20456	50.07
12	6663	359	291	7313	344	5085	0	804	6310	6096	-1395	18247	0	18247	2433	20680	50.01
13	6681	199	287	7167	338	5047	0	845	5520	5492	-1369	17520	0	17520	2381	19901	50.05
14	6508	130	275	6913	298	4974	0	797	5336	5546	-1333	17195	0	17195	2288	19483	50.10
15	6432	210	282	6924	220	4942	0	692	5495	5440	-1366	16852	0	16852	2291	19143	49.96
16	6395	240	272	6907	240	4907	0	505	5445	5514	-1362	16711	0	16711	2322	19033	49.96
17	6282	305	289	6876	209	5168	0	265	5164	4831	-1328	16021	0	16021	2305	18326	49.99
18	5757	385	302	6444	336	4891	0	47	4724	4936	-1285	15369	0	15369	2285	17654	50.01
19	5685	525	293	6503	442	4631	0	0	4811	4983	-1298	15261	0	15261	2332	17593	50.03
20	5718	396	297	6411	382	4601	0	0	4813	4821	-1279	14936	0	14936	2282	17218	50.05
21	5688	215	297	6200	316	4592	0	0	4344	4515	-1186	14437	0	14437	2141	16578	50.03
22	5597	220	300	6117	290	4465	0	0	4008	4275	-1141	14006	0	14006	1995	16001	49.99
23	5388	126	310	5824	284	4403	0	0	3969	4264	-1170	13605	0	13605	1839	15444	49.98
24	5406	85	313	5804	304	4368	0	0	3928	3776	-1066	13186	0	13186	1669	14855	50.03
MUs	144.84	5.90	7.26	158.00	7.34	110.37	0.00	5.49	113.49	113.80	-26.68	368.33	0.00	368.33	46.23	414.56	50.01

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/Jan/2019

Position as on 6.30 Hrs of 15/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 (Converted COH to Zero sch by MSEDCL from 29.01.2019)	
AEML	AEML Unit 1	250	23/12/2018	06.06		Continued.	For COH.	
TPC-G	Trombay 5	500	11/01/2019	23.56		Continued.	Annual Overhaul	
MSPGCL	Koyana STG-IV Unit-2	250	14/01/2019	09:40		Continued.	Routine Maintenance work.	
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 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 7	250	12/12/2018	00.00		Continued.	Zero 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-1	270	14/12/2018	16.00	14/01/2019	05.43	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	

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

Position as on 6.30 Hrs of 15/Jan/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	15/01/2019	23.25		Continued.	Condenser Tube Cleaning Work & PCR.	

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

Statement-VII

Position as on 6.30 Hrs of 15/Jan/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 2	IntraState	15/01/2019	19.17		Continued.	EO	For Attending Water Leakage In Pole 2 R-PH Quadruple Valve.
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	10/01/2019	16.32		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	11/01/2019	20.22	14/01/2019	09.27	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/01/2019	19.20	14/01/2019	07.35	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	13/01/2019	16.26	14/01/2019	07.31	EO	Attend hot spot Y-Phase wavetrap.
Lonikand I - Koyna stage-IV	IntraState	13/01/2019	21.15	14/01/2019	07.21	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	14/01/2019	08.40	14/01/2019	17.21	PO	Replacement Of Dead End & Mid Span Joint.
Bus Coupler @ New Koyna	IntraState	14/01/2019	10.25	14/01/2019	17.53	PO	Diagnostic Testing Work
Khadka-Aurangabad (Waluj)	IntraState	14/01/2019	17.27	15/01/2019	10.49	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/01/2019	22.06	15/01/2019	07.34	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/01/2019	22.18		Continued.	HT	Over Voltage RFC .17.40 15/01/2019.
Khadka-Aurangabad (Waluj)	IntraState	15/01/2019	18.12		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 500 MVA ICT 3 @Kolhapur	IntraState	14/01/2019	10.31	14/01/2019	20.59	PO	Diagnostic 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.
Nanded - Parli Ext. Ckt I	IntraState	06/12/2018	07.02		Continued.	HT	Waghala-Kumbhargaoon CKT O/L.
Kolhapur-Bidri	IntraState	14/01/2019	09.55	14/01/2019	12.04	EO	Attending Hot Spot
Ghatghar - Jindal	IntraState	14/01/2019	10.30	14/01/2019	18.57	PO	Earth Wire Replacement Between IOC No.56 To 61.
Washala - Ghatghar	IntraState	14/01/2019	10.55	14/01/2019	17.35	PO	Earth Wire Replacement Between IOC No.56 To 61
Nanded-Ghatodi	IntraState	14/01/2019	11.41	14/01/2019	17.44	PO	String Replacement.
Hinganghat - Hinganghat Rly TSS 1	IntraState	14/01/2019	12.55	14/01/2019	16.35	PO	Testing Work
Miraj - Ichalkaranji II	IntraState	14/01/2019	14.01	14/01/2019	16.06	HT	For Outage On kolhapur Ckt 1.
Tilawani-Talandge-I	IntraState	14/01/2019	14.03	14/01/2019	16.03	PO	Relay Testing Work.
AKOLA ANJANGAON (VIHIGAON) CKT-I	IntraState	14/01/2019	14.31	14/01/2019	16.28	PO	Line Signature Test.
Niwali - Pawas Line	IntraState	14/01/2019	14.46	14/01/2019	17.39	PO	Main Bus 1 Outage.
Parli 2 (Girwali)- Parbhani	IntraState	14/01/2019	16.24	14/01/2019	22.08	T	Distance Protection Zone 1 String Decapped At LOC 10.
AKOLA ANJANGAON (VIHIGAON) CKT-II	IntraState	14/01/2019	16.36	14/01/2019	21.07	PO	Line Signature Test.
Main Bus Section-I@ Pedambe	IntraState	14/01/2019	17.41	14/01/2019	17.56	T	Tripped While Charged Phopali

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 14/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 15/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							line.
Pedambe-Pophali	IntraState	14/01/2019	17.41	15/01/2019	15.30	T	R PH E/F 6.25 KA.
Mahad - Pedambe	IntraState	14/01/2019	17.41	14/01/2019	18.11	T	Due to Main Bus 1 Trip At Pedhambe.
New Koyna - Pedambe	IntraState	14/01/2019	17.41	14/01/2019	18.14	T	Due to Main Bus 1 Trip At Pedhambe.
Pusad - Hingoli	IntraState	15/01/2019	09.37	15/01/2019	20.28	PO	Work of Replacement of 220KV Auxiliary And Line Isolator Under Les Scheme By Agency.
Kharepatan -Pawas Line	IntraState	15/01/2019	09.50	15/01/2019	14.03	PO	Routine Maintenance Work
Wadkhal-ARCL-2	IntraState	15/01/2019	11.25		Continued.	PO	Replacement of PT.
BHUGAON WARORA CKT-I	IntraState	15/01/2019	11.45	15/01/2019	15.21	PO	Line Maintenance work
Nagothane - Ipcl	IntraState	15/01/2019	12.54	15/01/2019	16.04	PO	Testing of Secondary Ckt.
Osmanabad - Solapur (Bale)	IntraState	15/01/2019	13.31	15/01/2019	15.32	PO	Line Maintenance work
Kalwa - Colourchem	IntraState	15/01/2019	16.15	15/01/2019	18.20	T	Distance Protection, Y, B-PH, AR LC, 9.15KA, IB=5.969KA, IC-6.02KA, Charged Through TBc Due To Own CB Problem. Taken On Own CB AT 20.00HRS.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	15/01/2019	17.16	15/01/2019	17.34	T	B-Phase LA of TF HV Side Burst at Tembhu LIS.
220 KV ICT Outages/Trippings							
220/132 KV 200MVA ICT II @ Tilwani	IntraState	14/01/2019	10.02	14/01/2019	16.20	PO	Quarterly Maintainance Work
220/132 kv 100 MVA ICT @ Anjangaon	IntraState	14/01/2019	10.21	14/01/2019	20.20	PO	Diagnostic Testing Work.
220/100kv 200MVA ICT @ Ogalewadi	IntraState	14/01/2019	11.07	14/01/2019	13.45	PO	CB Timing & CRM Testing Work.
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	15/01/2019	11.08	15/01/2019	16.52	PO	CB Compressor Work.

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