

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Dec/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.139	1952.036	1) Gujrat	2.322	17.843
2) Hydro	4.468	66.300	2) Madhya Pradesh	8.157	126.225
3) Gas	7.265	97.436	3) Chattisgarh	5.330	83.950
Total MSPGCL	146.872	2115.772	4) Maharashtra Net	76.234	1308.482
B) 1) APML	64.857	962.195	5) Goa (Amona)	-0.418	-3.718
2) JSWEL	18.254	248.250	Total	91.625	1532.782
3) VIPL	8.568	125.859	a) Mumbai Schedule	16.589	259.052
4) RPL(AMT)	10.948	181.260	b) Mumbai Drawl	21.081	317.597
5) WPCL	1.869	27.408	c) MSEDCL Bilateral *	17.494	299.623
6) PGPL	0.000	0.000	Include PX	-9.154	-65.826
7) Other IPP	15.606	210.610	d) Mumbai Bilateral *	16.589	259.052
C) 1) TPCL Thermal	12.351	179.426	Include PX	1.187	26.411
2) TPCL Hydro	4.289	49.179	Include Standby	0.000	0.000
3) TPCL Gas	4.339	60.520	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.928	134.097	1) MSEDCL	361.997	5260.278
D) STATE			2) Mumbai Discoms	50.987	740.812
1) Thermal	276.520	4021.141	TOTAL STATE	412.984	6001.090
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	8.757	115.479			
3) Gas (A3+B6+C3)	11.604	157.956			
4) Wind	20.100	105.561			
6) SOLAR	4.379	68.178			
TOTAL STATE	321.360	4468.315			

* 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 24 Hrs
MSPGCL Thermal	6135	5863	5625	5473
MSPGCL Hydro	288	274	420	140
MSPGCL Gas	290	288	288	309
MSPGCL Total Generation	6713	6425	6333	5922
Central Sector Receipt	5168	5206	4554	1477
WIND	553	520	651	1359
CPP / IPP Thermal	5686	5611	4764	4267
CPP / IPP Gas	0	0	0	0
SOLAR	691	675	0	0
Exchange with Mumbai	-1240	-1280	-1168	-790
MSEDCL DEMAND MET	17571	17157	15134	12235
Load Shedding	0	0	0	0
MSEDCL DEMAND	17571	17157	15134	12235
TPCL GENERATION	976	957	1059	726
R-INFRA GENERATION	372	371	371	372
MUMBAI DEMAND	2588	2608	2598	1888
STATE DEMAND MET	20159	19765	17732	14123
STATE DEMAND	20159	19765	17732	14123
Frequency (Hz)	49.95	49.98	49.94	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 22.01 Hrs	49.79 Hz at 18.17 Hrs	49.97	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/Dec/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.65	0	0
Unit 7	2.65	2.82	158	57
Unit 8	7.19	110.81	303	283
Unit 9	7.23	72.29	305	300
Unit 10	7.17	108.25	301	279
Total	24.24	300.82		
Bhusawal				
Unit 3	0.45	10.78	160	0
Unit 4	9.00	134.88	500	350
Unit 5	8.87	134.35	465	345
Total	18.32	280.01		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	11.08	0	0
Unit 7	0.00	37.54	0	0
Unit 8	4.69	68.78	204	182
Total	4.69	117.39		
Chandrapur				
Unit 3	4.20	59.17	189	163
Unit 4	4.17	58.62	186	164
Unit 5	9.16	129.65	420	354
Unit 6	9.38	133.22	440	358
Unit 7	8.65	124.23	396	335
Unit 8	9.72	138.40	450	360
Unit 9	9.72	139.06	450	362
Total	54.99	782.35		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.02	74.09	250	190
Total	5.02	74.09		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.92	55.12	190	130
Unit 3	3.97	54.53	196	159
Unit 4	4.04	51.38	210	160
Unit 5	9.61	133.61	480	379
Total	21.54	294.63		
Nasik				
Unit 3	2.38	51.99	170	0
Unit 4	3.96	50.76	170	160
Unit 5	0.00	0.00	0	0
Total	6.34	102.75		
Uran				
All Units	7.26	97.44	325	285
Total	7.26	97.44		
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)	0.05	1.06	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	1.06		
Koyna				
Stage 1-2	1.09	19.64	65	40
Stage 4	0.00	5.72	0	0
Stage 3	0.43	5.62	80	0
Total	1.52	30.98		
Hydro				
KDPH	0.68	6.43	37	19
VTRNA	0.50	2.68	61	0
TILLARI	0.00	3.29	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	2.38	80	0
RNGR+BHTSA	0.28	4.81	16	0
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.07	5.53	53	42
GHATGHAR	0.14	10.18	120	0
Total	2.95	35.32		
Wind				
Total	20.10	105.56	0	0
Total	20.10	105.56		
CPP				
APML(Mus)	64.86	962.20	0	0
JSWEL(Mus)	18.25	248.25	0	0
VIPL(Mus)	8.57	125.86	0	0
RPLAMT(Mus)	10.95	181.26	0	0
WPCL(Mus)	1.87	27.41	0	0
Other(Mus)	15.61	210.61	0	0
Total	120.10	1755.58		
SOLAR				
Total	4.38	68.18	0	0
Total	4.38	68.18		
Tata				
Trombay 5	7.35	109.90	308	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	38.26	115	114
Trombay 7B	1.60	22.26	68	65
Trombay 8	5.00	69.53	225	203
TATA Hydro	4.29	49.18	349	0
Total	20.98	289.12		
R-INFRA				
DTPS U-1&2	8.93	134.10	373	371
Total	8.93	134.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.14	1952.04	MSPGCL Total	146.87	2115.77
			MSPGCL Thml+Gas	142.40	2049.47	Koyna 1,2 & 4 Total	1.09	25.36
			MSPGCL Hydro	4.47	66.30	State Total	321.36	4468.32

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Dec/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	5386	126	313	5826	953	4637	0	0	1857	1801	-531	12686	0	12686	1604	14290	49.99
2	5379	116	313	5808	1003	4665	0	0	2198	1937	-469	12945	0	12945	1533	14478	49.95
3	5322	122	325	5768	1075	4661	0	0	2347	2005	-435	13075	0	13075	1499	14574	49.95
4	5203	122	314	5638	1009	4659	0	0	2316	2356	-386	13277	0	13277	1449	14726	49.92
5	5211	126	315	5652	942	4661	0	0	2658	2920	-388	13787	0	13787	1452	15239	50.00
6	5218	136	316	5670	955	4710	0	0	3747	4074	-432	14978	0	14978	1496	16474	49.92
7	5440	230	315	5984	926	5064	0	4	4821	4635	-642	15972	0	15972	1720	17692	49.96
8	5690	262	315	6266	940	5427	0	62	4892	4964	-627	17033	0	17033	1874	18907	49.95
9	6093	262	313	6668	841	5689	0	233	4833	4759	-719	17471	0	17471	2138	19609	49.98
10	6189	248	308	6744	730	5764	0	425	4952	4737	-951	17449	0	17449	2376	19825	50.00
11	6205	186	302	6694	614	5763	0	565	5212	5142	-1170	17608	0	17608	2528	20136	49.96
12	6135	288	290	6713	553	5686	0	691	5309	5168	-1240	17571	0	17571	2588	20159	49.95
13	5863	274	288	6425	520	5611	0	675	5309	5206	-1280	17157	0	17157	2608	19765	49.98
14	5766	222	287	6275	507	5621	0	670	4957	4811	-1166	16718	0	16718	2484	19202	50.05
15	5751	167	286	6204	424	5612	0	540	4960	4874	-1183	16471	0	16471	2510	18981	49.99
16	5776	119	285	6180	446	5315	0	342	4880	4722	-1216	15789	0	15789	2542	18331	49.95
17	5803	124	286	6213	649	4887	0	158	4762	4528	-1200	15235	0	15235	2544	17779	49.97
18	5649	140	296	6085	688	4763	0	14	4504	4462	-1107	14905	0	14905	2539	17444	49.94
19	5625	420	288	6333	651	4764	0	0	4475	4554	-1168	15134	0	15134	2598	17732	49.94
20	5504	228	292	6024	803	4742	0	0	4323	4238	-1068	14739	0	14739	2496	17235	49.98
21	5490	135	304	5929	989	4541	0	0	3842	3464	-1022	13901	0	13901	2320	16221	49.99
22	5477	135	297	5909	1200	4300	0	0	3015	2775	-1000	13184	0	13184	2171	15355	50.04
23	5491	140	308	5939	1323	4291	0	0	2209	2016	-891	12678	0	12678	2031	14709	49.99
24	5473	140	309	5922	1359	4267	0	0	1940	1477	-790	12235	0	12235	1888	14123	50.02
MUs	135.14	4.47	7.26	146.87	20.10	120.10	0.00	4.38	94.32	91.63	-21.08	362.00	0.00	362.00	50.99	412.98	49.97

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/Dec/2018

Position as on 6.30 Hrs of 15/Dec/2018

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 (for 40 Days)	
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 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.	
MSPGCL	Khaparkhedda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
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.	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
MSPGCL	Koyana Unit 4	70	03/11/2018	09.02		Continued.	Stator Earth Fault	
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	Koradi Unit 6	210	02/12/2018	22.01		Continued.	Turbine bearing Vabration high	
IPP	JSW (J) U4	300	07/12/2018	01.15		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	Nasik Unit 3	210	12/12/2018	20.40	14/12/2018	07.20	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-1	270	14/12/2018	16.00		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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 15/Dec/2018

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 II	InterState	06/12/2018	18.04		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/12/2018	17.13		Continued.	HT	Over Voltage
Girwali- Lonikand 2	IntraState	13/12/2018	10.46	14/12/2018	06.16	PO	Testing Work
Lonikand I - Koyna stage-IV	IntraState	13/12/2018	22.42	14/12/2018	07.57	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	14/12/2018	10.08		Continued.	PO	CB Overhauling.
Lonikand I - Koyna stage-IV	IntraState	14/12/2018	20.05		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	15/12/2018	03.32		Continued.	T	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.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	25/11/2018	00.54		Continued.	T	Differential protection Bucholz, REF, PRV, CTR Relay R PH unit faulty.
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	14/12/2018	09.56	14/12/2018	18.20	EO	Testing & Wiring 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.
Kalwa-TIFIL	IntraState	27/11/2018	06.06		Continued.	EO	Tapping Of Tifil Substation On 220KV Kharghar-Borivali Line
Kalwa - Siemens	IntraState	27/11/2018	13.13		Continued.	HT	To Shift Load On Kharghar ICT
Nanded - Parli Ext. Ckt I	IntraState	28/11/2018	05.21		Continued.	HT	TO CONTROL NANDED-NANDED CKT LOADING.
Padgha - Temghar I	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Padgha-Temghar-II	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Kharghar - Tss Panvel	IntraState	14/12/2018	05.25	14/12/2018	06.35	T	Distance Protection Operated, Zone 1. Y-Ph. 7.08Km. 15.76KA.
Uran - Jnpt	IntraState	14/12/2018	07.57		Continued.	PO	Conductor Replacement.
Anandnagar - Pal	IntraState	14/12/2018	08.47	14/12/2018	18.50	PO	Insulator Support Structure Repl.
Padegaon-Sawangi	IntraState	14/12/2018	09.02	14/12/2018	19.10	PO	Replacement of Line Insulators
Dhule - Malegaon	IntraState	14/12/2018	09.06	14/12/2018	21.49	PO	Construction Work.
Dhule-Chalisagaon	IntraState	14/12/2018	09.12	14/12/2018	20.48	PO	Stringing of Conductor and Earth Wire
Pophali - Nerale	IntraState	14/12/2018	09.15	14/12/2018	18.45	PO	Insulator Washing.
Waluj- Padegaon li	IntraState	14/12/2018	09.19	14/12/2018	19.52	PO	Single to Twin Jumper PEPL. work at Padegaon
Kharepatan -Pawas Line	IntraState	14/12/2018	09.25	14/12/2018	18.00	PO	Cleaning of Insulator.
Dhamangaon New- Tss -I	IntraState	14/12/2018	10.10	14/12/2018	15.40	PO	Quarterly Maintenance Work
Khaparkheda-Ambazari-I	IntraState	14/12/2018	11.04	14/12/2018	17.49	PO	Routine Maintenance Work
Pophali - Pedambe II	IntraState	14/12/2018	14.00	14/12/2018	17.40	EO	Broken Conductor Replacement work.
Koradi-Butibori Rly Tss	IntraState	14/12/2018	15.12	14/12/2018	18.18	PO	Routine Maintenance Work

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/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 15/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Alkud Miraj	IntraState	14/12/2018	16.30	14/12/2018	18.50	EO	Attend Y-PH CT Oil Leakage By Cold welding Method.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Cgl lct 2 @Pusad	IntraState	14/12/2018	07.10	14/12/2018	07.35	T	Over Current Protection
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	14/12/2018	07.52	14/12/2018	18.55	PO	Diagnostic Testing & Maintenance Work.

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