

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Dec/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.630	2086.666	1) Gujrat	1.623	19.466
2) Hydro	5.136	71.436	2) Madhya Pradesh	8.957	135.182
3) Gas	7.151	104.587	3) Chattisgarh	5.550	89.500
Total MSPGCL	146.917	2262.689	4) Maharashtra Net	76.397	1384.879
B) 1) APML	67.283	1029.478	5) Goa (Amona)	-0.528	-4.246
2) JSWEL	18.080	266.330	Total	91.999	1624.781
3) VIPL	8.555	134.414	a) Mumbai Schedule	14.069	273.120
4) RPL(AMT)	4.838	186.098	b) Mumbai Drawl	20.191	337.788
5) WPCL	0.000	27.408	c) MSEDCL Bilateral *	15.828	315.451
6) PGPL	0.000	0.000	Include PX	-9.371	-75.197
7) Other IPP	15.728	226.338	d) Mumbai Bilateral *	14.069	273.120
C) 1) TPCL Thermal	12.336	191.762	Include PX	-1.232	25.178
2) TPCL Hydro	3.769	52.948	Include Standby	0.000	0.000
3) TPCL Gas	4.344	64.864	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.934	143.031	1) MSEDCL	362.846	5623.124
D) STATE			2) Mumbai Discoms	49.574	790.386
1) Thermal	270.384	4291.525	TOTAL STATE	412.420	6413.510
(A1+C1+C4+(B1-B6))					
2) Hydro	8.905	124.384			
(A2+C2)					
3) Gas	11.495	169.451			
(A3+B6+C3)					
4) Wind	25.164	130.725			
6) SOLAR	4.473	72.651			
TOTAL STATE	320.421	4788.736			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	6197	5718	5905	5482
MSPGCL Hydro	385	325	317	112
MSPGCL Gas	293	288	288	309
MSPGCL Total Generation	6875	6331	6510	5903
Central Sector Receipt	5039	4972	4078	1463
WIND	1189	986	715	1556
CPP / IPP Thermal	5200	4942	5247	4215
CPP / IPP Gas	0	0	0	0
SOLAR	606	712	0	0
Exchange with Mumbai	-1041	-1172	-989	-628
MSEDCL DEMAND MET	17868	16772	15561	12509
Load Shedding	0	0	0	0
MSEDCL DEMAND	17868	16772	15561	12509
TPCL GENERATION	1007	915	1109	719
R-INFRA GENERATION	372	373	373	372
MUMBAI DEMAND	2420	2460	2471	1719
STATE DEMAND MET	20288	19232	18032	14228
STATE DEMAND	20288	19232	18032	14228
Frequency (Hz)	50.02	49.93	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.03 Hrs	49.77 Hz at 12.41 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 15/Dec/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.65	0	0
Unit 7	3.55	6.37	163	134
Unit 8	6.19	117.00	302	137
Unit 9	6.90	79.19	305	270
Unit 10	4.78	113.03	301	0
Total	21.42	322.24		
Bhusawal				
Unit 3	0.00	10.78	0	0
Unit 4	8.17	143.05	500	0
Unit 5	9.03	143.38	485	350
Total	17.20	297.21		
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	4.76	73.53	203	195
Total	4.76	122.15		
Chandrapur				
Unit 3	4.31	63.48	195	162
Unit 4	4.24	62.85	189	160
Unit 5	9.11	138.76	410	365
Unit 6	9.82	143.04	460	355
Unit 7	9.10	133.33	420	340
Unit 8	10.02	148.41	460	360
Unit 9	9.86	148.92	450	361
Total	56.44	838.79		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.13	79.22	255	190
Total	5.13	79.22		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.84	58.96	190	150
Unit 3	4.04	58.57	200	160
Unit 4	4.08	55.47	200	160
Unit 5	9.78	143.38	490	382
Total	21.75	316.38		
Nasik				
Unit 3	3.96	55.95	176	161
Unit 4	3.97	54.73	168	161
Unit 5	0.00	0.00	0	0
Total	7.93	110.68		
Uran				
All Units	7.15	104.59	310	284
Total	7.15	104.59		
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)	0.08	1.14	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	1.14		
Koyna				
Stage 1-2	1.23	20.87	120	40
Stage 4	0.00	5.72	0	0
Stage 3	0.29	5.91	80	0
Total	1.52	32.50		
Hydro				
KDPH	0.89	7.32	37	37
VTRNA	0.51	3.18	61	0
TILLARI	0.00	3.29	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	2.53	77	0
RNGR+BHTSA	0.28	5.09	14	0
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.56	6.08	32	21
GHATGHAR	1.24	11.42	125	0
Total	3.62	38.93		
Wind				
Total	25.16	130.72	0	0
Total	25.16	130.72		
CPP				
APML(Mus)	67.28	1029.48	0	0
JSWEL(Mus)	18.08	266.33	0	0
VIPL(Mus)	8.56	134.41	0	0
RPLAMT(Mus)	4.84	186.10	0	0
WPCL(Mus)	0.00	27.41	0	0
Other(Mus)	15.73	226.34	0	0
Total	114.48	1870.07		
SOLAR				
Total	4.47	72.65	0	0
Total	4.47	72.65		
Tata				
Trombay 5	7.33	117.23	307	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	41.00	115	114
Trombay 7B	1.61	23.87	68	66
Trombay 8	5.00	74.53	226	201
TATA Hydro	3.77	52.95	397	0
Total	20.45	309.57		
R-INFRA				
DTPS U-1&2	8.93	143.03	375	371
Total	8.93	143.03		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.63	2086.67	MSPGCL Total	146.92	2262.69
			MSPGCL Thml+Gas	141.78	2191.25	Koyna 1,2 & 4 Total	1.23	26.60
			MSPGCL Hydro	5.14	71.44	State Total	320.42	4788.74

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	5482	112	309	5903	1556	4215	0	0	1483	1463	-628	12509	0	12509	1719	14228	50.01
2	5430	112	299	5841	1538	4222	0	0	1361	1616	-534	12683	0	12683	1601	14284	50.00
3	5383	117	309	5809	1528	4206	0	0	1784	1828	-466	12905	0	12905	1526	14431	49.99
4	5436	112	310	5858	1414	4220	0	0	2096	2124	-415	13201	0	13201	1477	14678	50.02
5	5412	112	309	5833	1239	4207	0	0	2697	2690	-402	13567	0	13567	1464	15031	49.97
6	5529	112	309	5950	1140	4212	0	0	3997	3743	-490	14555	0	14555	1551	16106	49.94
7	5786	112	309	6207	1102	4469	0	2	4968	4610	-596	15794	0	15794	1658	17452	49.99
8	6181	172	310	6663	1051	4939	0	55	4821	4909	-612	17005	0	17005	1767	18772	49.97
9	6295	178	297	6770	1013	5150	0	227	4786	4923	-699	17384	0	17384	1984	19368	49.95
10	6346	295	304	6945	1122	5198	0	464	4804	4713	-870	17572	0	17572	2241	19813	49.94
11	6197	385	293	6875	1189	5200	0	606	5100	5039	-1041	17868	0	17868	2420	20288	50.02
12	5847	382	291	6520	1087	5018	0	703	5291	5396	-1138	17586	0	17586	2464	20050	49.99
13	5718	325	288	6331	986	4942	0	712	5141	4972	-1172	16772	0	16772	2460	19232	49.93
14	5474	298	287	6059	752	5080	0	636	4998	5302	-1085	16744	0	16744	2342	19086	49.98
15	5494	410	292	6196	591	5109	0	543	5025	5307	-1133	16613	0	16613	2362	18975	49.97
16	5434	347	284	6065	603	5146	0	349	4889	5146	-1144	16165	0	16165	2375	18540	49.93
17	5420	254	285	5959	567	5227	0	153	4820	4744	-1026	15624	0	15624	2356	17980	49.91
18	5659	298	287	6244	594	5247	0	23	4237	4495	-965	15638	0	15638	2419	18057	49.94
19	5905	317	288	6510	715	5247	0	0	4097	4078	-989	15561	0	15561	2471	18032	49.97
20	5575	123	291	5989	843	5120	0	0	4022	3903	-1026	14829	0	14829	2456	17285	50.00
21	5307	192	303	5802	954	4709	0	0	3289	3509	-1002	13972	0	13972	2344	16316	49.96
22	5164	142	295	5601	1043	4590	0	0	3026	2957	-1041	13150	0	13150	2182	15332	49.95
23	5086	117	297	5500	1274	4544	0	0	2766	2281	-911	12688	0	12688	2028	14716	49.99
24	5070	112	305	5487	1263	4264	0	0	2134	2251	-806	12459	0	12459	1907	14366	49.98
MUs	134.63	5.14	7.15	146.92	25.16	114.48	0.00	4.47	91.63	92.00	-20.19	362.85	0.00	362.85	49.57	412.42	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 15/Dec/2018

Position as on 6.30 Hrs of 16/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	Khaparkheda 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 Vibration high	
IPP	JSW (J) U4	300	07/12/2018	01.15		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Parli Unit 7	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		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	
MSPGCL	Koradi Unit 10	660	15/12/2018	12.58	15/12/2018	18.46	Attending Line Isolator Hot Spot.	
MSPGCL	Bhusawal Unit 4	500	15/12/2018	21.35		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 16/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
Akola Wardha li	InterState	15/12/2018	10.39	15/12/2018	17.47	PO	RM And Testing Work At Akola End.
Khadka-Aurangabad (Waluj)	IntraState	12/12/2018	17.13		Continued.	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	14/12/2018	10.08	15/12/2018	08.58	PO	CB Overhauling.
Lonikand I - Koyna stage-IV	IntraState	14/12/2018	20.05	15/12/2018	07.08	HT	Over Voltage
Padghe - Kalwa- I	IntraState	15/12/2018	03.32	15/12/2018	08.38	T	Over Voltage
Girwali- Lonikand 2	IntraState	15/12/2018	08.53	15/12/2018	16.09	PO	RPH Jumper Connecting From Bus To CT Found Damage Needs Replacement.
Main Bus-II @ Koradi III	IntraState	15/12/2018	09.54	15/12/2018	18.01	PO	Testing And Maintenance of Connected Isolator And CVT.
Jaigad-New Koyna Ckt-II	IntraState	15/12/2018	09.55	16/12/2018	10.35	PO	CKT Breaker Overhauling.
Lonikand I - Koyna stage-IV	IntraState	15/12/2018	19.44	16/12/2018	08.25	HT	Over Voltage
Padghe - Nagothane - II	IntraState	15/12/2018	19.53	16/12/2018	09.32	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	16/12/2018	17.15		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/12/2018	17.29		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.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	25/11/2018	00.54		Continued.	T	Differential protection Bucholz, REF, PRV, CTR Relay R PH unit faulty.
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	15/12/2018	10.39	15/12/2018	19.02	PO	Half Early Maintenance And Diagnostic Testing Work.
400/220KV 500MVA ICT-I @Nanded	IntraState	15/12/2018	13.10	16/12/2018	00.24	EO	Due To Header Pipe Leakage Replacement Work.
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	15/12/2018	15.49	15/12/2018	16.25	EO	Attend CT Work.
400/220KV 500MVA ICT-I @Nanded	IntraState	16/12/2018	20.36	16/12/2018	23.43	T	Tripped On R-PH OSR.
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.
Boisar(MS) - Boisar (PG) II	InterState	16/12/2018	08.05	16/12/2018	16.04	PO	Annual 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.
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.
Uran - Jnpt	IntraState	14/12/2018	07.57		Continued.	PO	Conductor Replacement.
Versova Aarey Line 1	IntraState	15/12/2018	07.03	15/12/2018	14.09	PO	Erection of Monopole At 26A Location By DMRC.

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 15/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 16/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padegaon-Sawangi	IntraState	15/12/2018	08.43	15/12/2018	18.10	PO	Replacement of Line Insulators.
Kharepatan -Pawas Line	IntraState	15/12/2018	09.05	15/12/2018	18.10	PO	Cleaning of Insulator Work.
Maisal-Jath I	IntraState	15/12/2018	09.20	15/12/2018	13.52	PO	Y PH LA Top Stack Replacement.
GIS KONDHWA NANDED CITY	IntraState	15/12/2018	10.23	15/12/2018	18.00	PO	B PH String Replacement.
Uran - Apta III	IntraState	15/12/2018	16.00	15/12/2018	17.14	EO	Attend R-PH CT Red Hot Spot.
JATH SHEDYAL	IntraState	15/12/2018	22.25		Continued.	HT	Over Voltage
132 KV LINE Outages/Trippings							
Amalner(220kv)-Chopda	IntraState	16/12/2018	20.20	16/12/2018	20.40	T	R-PH Z2 Tripped At Amalner End Only.

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