

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Dec/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.139	144.139	1) Gujrat	-1.043	-1.043
2) Hydro	4.298	4.298	2) Madhya Pradesh	6.705	6.705
3) Gas	7.078	7.078	3) Chattisgarh	6.070	6.070
Total MSPGCL	155.515	155.515	4) Maharashtra Net	94.577	94.577
B) 1) APML	67.100	67.100	5) Goa (Amona)	-0.330	-0.330
2) JSWEL	15.701	15.701	Total	105.979	105.979
3) VIPL	10.003	10.003	a) Mumbai Schedule	16.315	16.315
4) RPL(AMT)	13.066	13.066	b) Mumbai Drawl	25.537	25.537
5) WPCL	1.942	1.942	c) MSEDCL Bilateral *	21.459	21.459
6) PGPL	0.000	0.000	Include PX	-5.035	-5.035
7) Other IPP	14.861	14.861	d) Mumbai Bilateral *	16.315	16.315
C) 1) TPCL Thermal	12.427	12.427	Include PX	-0.463	-0.463
2) TPCL Hydro	2.669	2.669	Include Standby	0.000	0.000
3) TPCL Gas	4.418	4.418	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.005	9.005	1) MSEDCL	371.208	371.208
D) STATE			2) Mumbai Discoms	54.055	54.055
1) Thermal	288.244	288.244	TOTAL STATE	425.263	425.263
(A1+C1+C4+(B1-B6))					
2) Hydro	6.967	6.967			
(A2+C2)					
3) Gas	11.496	11.496			
(A3+B6+C3)					
4) Wind	7.928	7.928			
6) SOLAR	4.650	4.650			
TOTAL STATE	319.285	319.285			

* 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 24 Hrs
MSPGCL Thermal	6699	6287	6047	5812
MSPGCL Hydro	542	416	136	76
MSPGCL Gas	290	282	299	186
MSPGCL Total Generation	7530	6984	6482	6074
Central Sector Receipt	5574	5256	4441	2691
WIND	397	402	407	404
CPP / IPP Thermal	5633	5555	5612	4558
CPP / IPP Gas	0	0	0	0
SOLAR	687	684	2	0
Exchange with Mumbai	-1355	-1364	-1293	-993
MSEDCL DEMAND MET	18466	17518	15651	12734
Load Shedding	0	0	0	0
MSEDCL DEMAND	18466	17518	15651	12734
TPCL GENERATION	901	938	976	697
R-INFRA GENERATION	375	374	376	374
MUMBAI DEMAND	2631	2676	2645	2064
STATE DEMAND MET	21097	20194	18296	14798
STATE DEMAND	21097	20194	18296	14798
Frequency (Hz)	49.94	49.96	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 00.02 Hrs	49.83 Hz at 10.09 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 01/Dec/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.49	3.49	155	125
Unit 7	0.00	0.00	0	0
Unit 8	10.13	10.13	500	366
Unit 9	0.00	0.00	0	0
Unit 10	9.12	9.12	501	270
Total	22.74	22.74		
Bhusawal				
Unit 3	3.86	3.86	170	150
Unit 4	8.86	8.86	500	350
Unit 5	8.95	8.95	500	350
Total	21.68	21.68		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.01	5.01	250	195
Unit 7	4.75	4.75	212	187
Unit 8	4.72	4.72	229	184
Total	14.47	14.47		
Chandrapur				
Unit 3	4.21	4.21	191	162
Unit 4	4.22	4.22	190	162
Unit 5	9.23	9.23	420	356
Unit 6	5.06	5.06	415	0
Unit 7	9.67	9.67	443	365
Unit 8	9.72	9.72	445	360
Unit 9	9.75	9.75	450	360
Total	51.86	51.86		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.99	4.99	250	196
Total	4.99	4.99		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.96	3.96	195	155
Unit 3	3.97	3.97	200	159
Unit 4	3.98	3.98	200	160
Unit 5	8.65	8.65	450	100
Total	20.56	20.56		
Nasik				
Unit 3	3.92	3.92	171	160
Unit 4	3.93	3.93	170	155
Unit 5	0.00	0.00	0	0
Total	7.85	7.85		
Uran				
All Units	7.08	7.08	314	186
Total	7.08	7.08		
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)	0.07	0.07	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	0.07		
Koyna				
Stage 1-2	1.76	1.76	230	40
Stage 4	0.16	0.16	139	0
Stage 3	0.49	0.49	80	0
Total	2.42	2.42		
Hydro				
KDPH	0.44	0.44	19	19
VTRNA	0.47	0.47	60	0
TILLARI	0.36	0.36	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	0.14	80	0
RNGR+BHTSA	0.34	0.34	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.12	0.12	14	3
GHATGHAR	0.00	0.00	0	0
Total	1.88	1.88		
Wind				
Total	7.93	7.93	0	0
Total	7.93	7.93		
CPP				
APML(Mus)	67.10	67.10	0	0
JSWEL(Mus)	15.70	15.70	0	0
VIPL(Mus)	10.00	10.00	0	0
RPLAMT(Mus)	13.07	13.07	0	0
WPCL(Mus)	1.94	1.94	0	0
Other(Mus)	14.86	14.86	0	0
Total	122.67	122.67		
SOLAR				
Total	4.65	4.65	0	0
Total	4.65	4.65		
Tata				
Trombay 5	7.50	7.50	316	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	2.81	118	116
Trombay 7B	1.61	1.61	68	66
Trombay 8	4.92	4.92	222	202
TATA Hydro	2.67	2.67	286	16
Total	19.51	19.51		
R-INFRA				
DTPS U-1&2	9.00	9.00	377	374
Total	9.00	9.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.14	144.14	MSPGCL Total	155.52	155.52
			MSPGCL Thml+Gas	151.22	151.22	Koyna 1,2 & 4 Total	1.93	1.93
			MSPGCL Hydro	4.30	4.30	State Total	319.28	319.28

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	5342	76	310	5728	128	4319	0	0	3538	3679	-930	12924	0	12924	2008	14932	50.01
2	5421	106	309	5836	247	4372	0	0	3521	3606	-781	13279	0	13279	1857	15136	49.94
3	5461	110	311	5882	297	4436	0	0	3608	3774	-670	13719	0	13719	1748	15467	49.94
4	5571	86	312	5968	312	4444	0	0	3760	3637	-613	13748	0	13748	1691	15439	50.00
5	5590	80	312	5982	332	4450	0	0	4192	4125	-587	14302	0	14302	1665	15967	50.01
6	5753	76	313	6142	363	4716	0	0	4895	4908	-661	15467	0	15467	1738	17205	49.94
7	6186	80	314	6580	339	5341	0	9	5099	4940	-729	16481	0	16481	1830	18311	49.93
8	6575	110	313	6998	365	5752	0	103	4979	4674	-823	17069	0	17069	1918	18987	49.98
9	6401	136	312	6848	273	5608	0	334	5009	4903	-981	16985	0	16985	2143	19128	50.00
10	6253	266	306	6826	301	5500	0	505	4967	5019	-1174	16976	0	16976	2415	19391	49.97
11	6699	542	290	7530	397	5633	0	687	5218	5574	-1355	18466	0	18466	2631	21097	49.94
12	6798	358	285	7442	458	5636	0	788	5231	5120	-1400	18043	0	18043	2702	20745	49.97
13	6287	416	282	6984	402	5555	0	684	5191	5256	-1364	17518	0	17518	2676	20194	49.96
14	6088	320	282	6690	361	5476	0	641	5168	5258	-1231	17195	0	17195	2549	19744	49.97
15	6101	524	290	6916	298	5452	0	420	5080	5486	-1240	17332	0	17332	2573	19905	49.95
16	6161	206	280	6648	260	5646	0	332	5095	5080	-1269	16696	0	16696	2576	19272	49.96
17	6120	86	282	6488	256	5576	0	134	5028	4929	-1257	16126	0	16126	2552	18678	49.96
18	6155	90	285	6530	272	5491	0	11	4563	4668	-1189	15783	0	15783	2559	18342	50.00
19	6047	136	299	6482	407	5612	0	2	4730	4441	-1293	15651	0	15651	2645	18296	49.98
20	5825	136	289	6250	404	5178	0	0	4711	4287	-1356	14762	0	14762	2565	17327	50.01
21	5847	120	303	6270	372	4658	0	0	3945	4003	-1338	13966	0	13966	2449	16415	49.99
22	5853	86	306	6244	335	4642	0	0	3578	3166	-1204	13183	0	13183	2313	15496	50.01
23	5793	76	307	6176	345	4624	0	0	2919	2755	-1099	12800	0	12800	2189	14989	49.98
24	5812	76	186	6074	404	4558	0	0	2849	2691	-993	12734	0	12734	2064	14798	49.99
MUs	144.14	4.30	7.08	155.51	7.93	122.67	0.00	4.65	106.87	105.98	-25.54	371.21	0.00	371.21	54.06	425.26	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 01/Dec/2018

Position as on 6.30 Hrs of 02/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	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
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.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-3	270	25/09/2018	0.00	01/12/2018	00.00	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.	
IPP	JSW (J) U1	300	28/11/2018	18.47	01/12/2018	05.15	Condenser Tube Leakage.	
MSPGCL	Chandrapur Unit 6	500	30/11/2018	19.58	01/12/2018	07.56	Main stream line drain heart leakage.	
MSPGCL	Koradi Unit 9	660	01/12/2018	00.00		Continued.	5 Days Condenser Cleaning Work.	
IPP	JSW (J) U2	300	01/12/2018	08.36		Continued.	No Schedule.	
IPP	RPL(AMT) U-1	270	01/12/2018	20.03		Continued.	Zero schedule given by LM cell.	
MSPGCL	Uran Unit 5	108	01/12/2018	23.17	02/12/2018	19.02	Filter Replacement Work.	
MSPGCL	Bhusawal Unit 3	210	02/12/2018	00.03		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 6	210	02/12/2018	22.01		Continued.	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 02/Dec/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							
Chandrapur - Padghe Hvdc Pole 2	IntraState	30/11/2018	07.39		Continued.	PO	Annual Maintenance Work
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	30/11/2018	17.00	01/12/2018	07.22	HT	Over Voltage
Dabhol Nagothane I	InterState	01/12/2018	13.53	01/12/2018	14.36	T	Tripped At Dabhol End; I3n,Dist-7.9% From Dabhol End.
Dhule Sar'Sarovar I	InterState	01/12/2018	17.20		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/11/2018	17.52	01/12/2018	10.24	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/12/2018	00.06	01/12/2018	09.20	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/12/2018	17.10		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/12/2018	22.09	02/12/2018	08.37	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/12/2018	21.07		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	NDR ALARM CHANGED ON HUMMING AT (30-12-2018 AT 18.21.)
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 II	InterState	28/11/2018	16.18	01/12/2018	18.28	PO	Relay Replacement At Navsari End.
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
Trombay - Kalwa	IntraState	01/12/2018	07.32	01/12/2018	22.27	PO	Diagnostic Testing,Cable Replacement Work From CB MK To Control panel.
Kandalgaon - Pirangut	IntraState	01/12/2018	09.05	01/12/2018	18.03	PO	Replacement Of Severly Rusted D-Shakels And Nutbolts Of Earthwire,DSN/DTN Hardware And Its Nutbolts At loc No.27,29 in Lavasa Corridor
Flagship-Chinchwad	IntraState	01/12/2018	10.19	01/12/2018	17.55	PO	Testing & AMW.
Bableshwar -Ahamadnagar-I	IntraState	01/12/2018	17.04	01/12/2018	19.26	EO	Attending Hot Spot ON Y PH Ct Clamp.
Chakan-Chinchwad	IntraState	01/12/2018	19.22	01/12/2018	21.22	T	Distance Protection,Z1,R&Y PH.11KA, 20.75KM.
REL Borivali Aarey Line	IntraState	02/12/2018	02.12	02/12/2018	05.15	T	DMRC network work.
Apta - Taloja	IntraState	02/12/2018	04.24	02/12/2018	04.30	T	AR Successful at Apta end Tripped at Taloja end on Distance protection.
Apta - Taloja	IntraState	02/12/2018	05.36	02/12/2018	09.09	T	Distance protection B phase earth fault.
Satana-Gangapur	IntraState	02/12/2018	05.40	02/12/2018	07.31	T	Distance protection operated zone 1 RPH.

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 01/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 02/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Apta - Taloja	IntraState	02/12/2018	14.25	02/12/2018	16.29	PO	Attending B-PH Polymer Insulator Flashover At LOC No 593.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	01/12/2018	08.50	02/12/2018	12.25	PO	Filtration Of ICT and Repairing & Alignment Work Of ICT HV Bus Isolator.
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	02/12/2018	17.20		Continued.	T	Transformer Internal Fault.Buchholz trip