

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Dec/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.461	562.976	1) Gujrat	0.851	0.471
2) Hydro	5.389	19.173	2) Madhya Pradesh	10.188	33.692
3) Gas	7.184	25.730	3) Chattisgarh	6.340	24.630
Total MSPGCL	151.034	607.879	4) Maharashtra Net	100.639	379.852
B) 1) APML	70.052	271.155	5) Goa (Amona)	-0.286	-1.276
2) JSWEL	17.467	67.003	Total	117.732	437.369
3) VIPL	10.156	41.776	a) Mumbai Schedule	22.962	78.524
4) RPL(AMT)	11.270	44.436	b) Mumbai Drawl	25.158	97.042
5) WPCL	1.997	7.853	c) MSEDCL Bilateral *	22.100	86.278
6) PGPL	0.000	0.000	Include PX	-4.539	-17.934
7) Other IPP	14.331	58.030	d) Mumbai Bilateral *	22.962	78.524
C) 1) TPCL Thermal	13.067	50.725	Include PX	1.581	3.637
2) TPCL Hydro	3.832	9.672	Include Standby	0.000	0.000
3) TPCL Gas	4.376	17.623	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.526	38.597	1) MSEDCL	382.966	1490.374
D) STATE			2) Mumbai Discoms	56.958	213.655
1) Thermal	287.327	1142.551	TOTAL STATE	439.924	1704.029
(A1+C1+C4+(B1-B6))					
2) Hydro	9.221	28.845			
(A2+C2)					
3) Gas	11.560	43.353			
(A3+B6+C3)					
4) Wind	9.387	33.446			
6) SOLAR	4.698	18.469			
TOTAL STATE	322.193	1266.664			

* 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	6116	6118	6100	5213
MSPGCL Hydro	432	226	164	102
MSPGCL Gas	289	284	288	319
MSPGCL Total Generation	6838	6628	6552	5634
Central Sector Receipt	6260	5866	4875	3426
WIND	491	367	214	365
CPP / IPP Thermal	5769	5648	5560	4438
CPP / IPP Gas	0	0	0	0
SOLAR	660	719	0	0
Exchange with Mumbai	-1327	-1312	-1256	-883
MSEDCL DEMAND MET	18690	17917	15944	12980
Load Shedding	0	0	0	0
MSEDCL DEMAND	18690	17917	15944	12980
TPCL GENERATION	1016	1043	1072	693
R-INFRA GENERATION	500	500	500	373
MUMBAI DEMAND	2843	2855	2828	1949
STATE DEMAND MET	21533	20772	18772	14929
STATE DEMAND	21533	20772	18772	14929
Frequency (Hz)	49.96	49.95	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 06.00 Hrs	49.76 Hz at 07.21 Hrs	49.96	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 04/Dec/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.65	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.13	34.16	301	277
Unit 9	0.00	0.00	0	0
Unit 10	7.06	32.11	301	265
Total	14.18	72.92		
Bhusawal				
Unit 3	0.00	3.86	0	0
Unit 4	10.26	37.93	500	350
Unit 5	9.96	37.75	475	350
Total	20.23	79.54		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	9.98	0	0
Unit 7	5.41	19.98	249	190
Unit 8	5.15	19.73	245	180
Total	10.56	49.69		
Chandrapur				
Unit 3	4.28	16.89	190	163
Unit 4	4.29	16.87	187	163
Unit 5	9.64	37.27	420	361
Unit 6	10.06	34.29	450	360
Unit 7	9.34	37.58	420	360
Unit 8	10.07	39.22	446	360
Unit 9	10.18	39.48	454	360
Total	57.86	221.59		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.48	20.95	250	193
Total	5.48	20.95		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.04	15.97	190	130
Unit 3	4.06	15.72	184	141
Unit 4	4.07	16.17	180	160
Unit 5	9.36	37.58	415	380
Total	21.52	85.45		
Nasik				
Unit 3	4.31	16.36	195	160
Unit 4	4.32	16.47	199	160
Unit 5	0.00	0.00	0	0
Total	8.63	32.83		
Uran				
All Units	7.18	25.73	319	281
Total	7.18	25.73		
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)	0.06	0.26	33	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.26		
Koyna				
Stage 1-2	1.47	6.66	205	40
Stage 4	0.64	1.31	238	0
Stage 3	0.35	1.49	80	0
Total	2.45	9.47		
Hydro				
KDPH	0.44	1.78	19	19
VTRNA	0.00	0.95	0	0
TILLARI	0.17	1.19	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.09	0.45	70	0
RNGR+BHTSA	0.36	1.36	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.35	0.82	24	12
GHATGHAR	1.52	3.16	125	0
Total	2.94	9.71		
Wind				
Total	9.39	33.45	0	0
Total	9.39	33.45		
CPP				
APML(Mus)	70.05	271.16	0	0
JSWEL(Mus)	17.47	67.00	0	0
VIPL(Mus)	10.16	41.78	0	0
RPLAMT(Mus)	11.27	44.44	0	0
WPCL(Mus)	2.00	7.85	0	0
Other(Mus)	14.33	58.03	0	0
Total	125.27	490.25		
SOLAR				
Total	4.70	18.47	0	0
Total	4.70	18.47		
Tata				
Trombay 5	8.18	31.11	468	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	11.19	118	102
Trombay 7B	1.60	6.44	68	62
Trombay 8	4.88	19.62	206	201
TATA Hydro	3.83	9.67	357	0
Total	21.28	78.02		
R-INFRA				
DTPS U-1&2	10.53	38.60	502	373
Total	10.53	38.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.46	562.98	MSPGCL Total	151.03	607.88
			MSPGCL Thml+Gas	145.64	588.71	Koyna 1,2 & 4 Total	2.10	7.98
			MSPGCL Hydro	5.39	19.17	State Total	322.19	1266.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	5213	102	319	5634	365	4438	0	0	3156	3426	-883	12980	0	12980	1949	14929	49.98
2	5236	86	309	5632	395	4435	0	0	3288	3712	-732	13441	0	13441	1801	15242	49.99
3	5228	86	311	5626	554	4447	0	0	3869	4103	-643	14087	0	14087	1710	15797	50.01
4	5217	92	311	5620	621	4449	0	0	4231	3737	-608	13818	0	13818	1656	15474	50.02
5	5323	96	312	5732	681	4518	0	0	4204	4317	-593	14655	0	14655	1642	16297	49.99
6	5609	92	312	6012	661	4896	0	0	4732	5118	-688	16000	0	16000	1756	17756	49.96
7	5873	184	312	6368	720	5374	0	6	5213	5204	-854	16819	0	16819	1923	18742	49.91
8	6112	296	310	6718	717	5746	0	96	5253	5276	-831	17722	0	17722	2078	19800	49.87
9	6099	346	310	6756	560	5795	0	291	5311	5713	-1014	18100	0	18100	2369	20469	49.98
10	6174	366	303	6844	542	5831	0	565	5531	5511	-1199	18094	0	18094	2653	20747	49.93
11	6116	432	289	6838	491	5769	0	660	5936	6260	-1327	18690	0	18690	2843	21533	49.96
12	6135	258	296	6688	423	5774	0	788	6053	6170	-1355	18488	0	18488	2907	21395	49.92
13	6118	226	284	6628	367	5648	0	719	5868	5866	-1312	17917	0	17917	2855	20772	49.95
14	6113	302	282	6696	197	5540	0	608	5611	6035	-1245	17832	0	17832	2747	20579	49.99
15	6097	614	282	6992	136	5542	0	492	5643	5528	-1161	17529	0	17529	2767	20296	49.94
16	6101	530	281	6912	142	5544	0	316	5308	5376	-1179	17111	0	17111	2782	19893	49.92
17	6103	474	282	6858	124	5524	0	130	5401	5156	-1193	16599	0	16599	2788	19387	49.92
18	6098	210	296	6604	155	5575	0	27	5293	5124	-1199	16287	0	16287	2802	19089	49.96
19	6100	164	288	6552	214	5560	0	0	5347	4875	-1256	15944	0	15944	2828	18772	49.98
20	5808	86	301	6194	275	5435	0	0	5133	5005	-1301	15609	0	15609	2724	18333	49.98
21	5560	84	292	5936	329	5026	0	0	4454	4558	-1315	14535	0	14535	2564	17099	49.97
22	5570	94	303	5968	262	4865	0	0	3877	4025	-1180	13939	0	13939	2407	16346	49.99
23	5249	84	304	5638	251	4782	0	0	3846	3906	-1105	13472	0	13472	2274	15746	49.98
24	5209	84	295	5588	205	4759	0	0	3943	3731	-985	13298	0	13298	2134	15432	49.96
MUs	138.46	5.39	7.18	151.03	9.39	125.27	0.00	4.70	116.50	117.73	-25.16	382.97	0.00	382.97	56.96	439.93	49.96

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 04/Dec/2018

Position as on 6.30 Hrs of 05/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	
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.	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
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	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	
MSPGCL	Parli Unit 6	250	03/12/2018	00.52		Continued.	Poor Coal Receipt.	
MSPGCL	Parli Unit 7	250	05/12/2018	06.03		Continued.	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 05/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	03/12/2018	09.18		Continued.	PO	Work at SSP end
karad -kolhapur-I	IntraState	03/12/2018	11.30		Continued.	PO	Shifting on TBC at karad end
Lonikand I - Koyna stage-IV	IntraState	03/12/2018	20.13		Continued.	HT	Over Voltage
Nagothane - Dabhol I	IntraState	04/12/2018	10.28	04/12/2018	18.52	PO	Insulator Replacement Work
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential protection
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	25/11/2018	00.54		Continued.	T	Differential protection Bucholz, REF. PRV. CTR Relay.
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	04/12/2018	10.36	04/12/2018	18.55	PO	Maintenance Work
400/220 kv 500MVA ICT-I @ Alkud	IntraState	04/12/2018	10.38	04/12/2018	18.00	PO	Routine Maintenance 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.
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.
Uran - Kharghar 2	IntraState	28/11/2018	15.02		Continued.	PO	Replacement Of Old Conductor At Metro Crossing.
Padgha - Temghar I	IntraState	03/12/2018	08.15		Continued.	OO	FOR PROJECT WORK.
Padgha-Temghar-II	IntraState	03/12/2018	08.15		Continued.	OO	FOR PROJECT WORK.
Uran - Kharghar I	IntraState	03/12/2018	11.51		Continued.	T	Distance Protection
Uran - Kharghar 2	IntraState	03/12/2018	12.02		Continued.	T	Distance Protection
Borivali - Ghodbunder	IntraState	04/12/2018	08.44	04/12/2018	16.00	PO	Routine Maintenance Work
Loteparshuram- Dasturi Line	IntraState	04/12/2018	09.35	04/12/2018	19.04	PO	Cold washing of insulator strings
220 KV ICT Outages/Trippings							
220/132KV 200MVA ICT II @Kurkumb	IntraState	04/12/2018	09.15	04/12/2018	17.58	PO	OLTC overhauling work
220/33kv 50mva Bbl @Oglewadi	IntraState	04/12/2018	12.57	04/12/2018	16.13	PO	Annual Testing Work

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