

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Dec/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.106	841.448	1) Gujrat	1.442	3.685
2) Hydro	5.123	33.540	2) Madhya Pradesh	10.488	54.448
3) Gas	7.156	40.021	3) Chattisgarh	5.740	36.720
Total MSPGCL	154.385	915.009	4) Maharashtra Net	104.213	581.616
B) 1) APML	73.061	417.010	5) Goa (Amona)	-0.198	-1.716
2) JSWEL	18.278	103.353	Total	121.685	674.753
3) VIPL	8.398	58.586	a) Mumbai Schedule	18.743	118.720
4) RPL(AMT)	11.136	66.772	b) Mumbai Drawl	23.137	144.268
5) WPCL	1.942	11.733	c) MSEDCL Bilateral *	25.229	130.945
6) PGPL	0.000	0.000	Include PX	-1.350	-26.589
7) Other IPP	15.742	88.846	d) Mumbai Bilateral *	18.743	118.720
C) 1) TPCL Thermal	14.508	79.371	Include PX	3.060	10.817
2) TPCL Hydro	4.033	18.268	Include Standby	0.000	0.000
3) TPCL Gas	4.422	26.411	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.579	59.656	1) MSEDCL	389.593	2260.386
D) STATE			2) Mumbai Discoms	56.679	327.970
1) Thermal	295.750	1726.775	TOTAL STATE	446.272	2588.356
(A1+C1+C4+(B1-B6))					
2) Hydro	9.156	51.808			
(A2+C2)					
3) Gas	11.578	66.432			
(A3+B6+C3)					
4) Wind	3.309	40.952			
6) SOLAR	4.794	27.640			
TOTAL STATE	324.587	1913.607			

* 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	6220	6222	6033	5401
MSPGCL Hydro	744	382	146	88
MSPGCL Gas	287	282	298	308
MSPGCL Total Generation	7252	6886	6478	5798
Central Sector Receipt	6583	6054	5160	3603
WIND	166	195	138	126
CPP / IPP Thermal	5641	5634	5671	4770
CPP / IPP Gas	0	0	0	0
SOLAR	654	717	1	0
Exchange with Mumbai	-1179	-1145	-1269	-860
MSEDCL DEMAND MET	19116	18341	16178	13437
Load Shedding	0	0	0	0
MSEDCL DEMAND	19116	18341	16178	13437
TPCL GENERATION	1203	1233	1119	752
R-INFRA GENERATION	503	503	394	374
MUMBAI DEMAND	2885	2881	2782	1986
STATE DEMAND MET	22001	21222	18960	15423
STATE DEMAND	22001	21222	18960	15423
Frequency (Hz)	49.92	49.92	49.96	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 21:56 Hrs	49.76 Hz at 07:19 Hrs	49.95	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 06/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	7.62	49.13	359	266
Unit 9	7.69	8.99	352	300
Unit 10	7.67	46.80	334	300
Total	22.99	111.57		
Bhusawal				
Unit 3	0.00	3.86	0	0
Unit 4	10.63	58.92	505	350
Unit 5	10.55	58.60	500	350
Total	21.18	121.38		
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	0.00	21.22	0	0
Unit 8	5.10	29.96	245	185
Total	5.10	61.15		
Chandrapur				
Unit 3	4.34	25.45	194	157
Unit 4	4.24	25.44	187	164
Unit 5	9.54	56.65	430	365
Unit 6	10.13	54.82	450	365
Unit 7	9.36	55.92	430	364
Unit 8	10.15	59.54	450	360
Unit 9	9.73	59.32	440	360
Total	57.48	337.14		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.33	31.67	250	180
Total	5.33	31.67		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.84	23.78	180	145
Unit 3	3.86	23.60	180	150
Unit 4	3.77	23.92	170	150
Unit 5	10.15	57.71	460	379
Total	21.63	129.01		
Nasik				
Unit 3	4.25	24.75	196	160
Unit 4	4.15	24.78	189	160
Unit 5	0.00	0.00	0	0
Total	8.40	49.53		
Uran				
All Units	7.16	40.02	312	280
Total	7.16	40.02		
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)	0.14	0.54	48	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	0.54		
Koyna				
Stage 1-2	1.62	10.18	215	40
Stage 4	1.09	5.64	392	0
Stage 3	0.31	3.12	80	0
Total	3.03	18.93		
Hydro				
KDPH	0.44	2.65	19	19
VTRNA	0.00	0.95	0	0
TILLARI	0.30	1.79	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	0.74	80	0
RNGR+BHTSA	0.35	2.07	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.40	1.60	26	14
GHATGHAR	0.43	4.81	125	0
Total	2.09	14.61		
Wind				
Total	3.31	40.95	0	0
Total	3.31	40.95		
CPP				
APML(Mus)	73.06	417.01	0	0
JSWEL(Mus)	18.28	103.35	0	0
VIPL(Mus)	8.40	58.59	0	0
RPLAMT(Mus)	11.14	66.77	0	0
WPCL(Mus)	1.94	11.73	0	0
Other(Mus)	15.74	88.85	0	0
Total	128.56	746.30		
SOLAR				
Total	4.79	27.64	0	0
Total	4.79	27.64		
Tata				
Trombay 5	9.31	49.54	473	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	16.76	118	116
Trombay 7B	1.61	9.65	68	66
Trombay 8	5.20	29.83	234	202
TATA Hydro	4.03	18.27	372	0
Total	22.96	124.05		
R-INFRA				
DTPS U-1&2	10.58	59.66	504	374
Total	10.58	59.66		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.11	841.45	MSPGCL Total	154.38	915.01
			MSPGCL Thml+Gas	149.26	881.47	Koyna 1,2 & 4 Total	2.72	15.82
			MSPGCL Hydro	5.12	33.54	State Total	324.59	1913.61

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	5401	88	308	5798	126	4770	0	0	3756	3603	-860	13437	0	13437	1986	15423	49.95
2	5381	88	308	5778	108	4758	0	0	3791	4040	-752	13932	0	13932	1835	15767	49.95
3	5371	94	309	5774	101	4788	0	0	4090	4335	-668	14329	0	14329	1736	16065	49.96
4	5383	88	310	5782	94	4794	0	0	4475	4318	-600	14388	0	14388	1668	16056	50.00
5	5547	94	310	5950	83	4869	0	0	4768	4835	-599	15138	0	15138	1665	16803	49.96
6	5936	94	309	6338	89	5320	0	0	4762	4824	-654	15918	0	15918	1765	17683	49.94
7	6313	434	312	7060	90	5608	0	8	5243	5049	-609	17206	0	17206	1923	19129	49.91
8	6332	334	310	6976	106	5700	0	86	5710	5693	-676	17885	0	17885	2078	19963	49.83
9	6346	318	309	6974	132	5752	0	293	5603	5670	-864	17956	0	17956	2357	20313	49.95
10	6300	438	303	7040	151	5696	0	507	5796	6137	-1080	18452	0	18452	2665	21117	49.91
11	6220	744	287	7252	166	5641	0	654	6083	6583	-1179	19116	0	19116	2885	22001	49.92
12	6120	650	282	7052	195	5631	0	747	6238	6254	-1198	18682	0	18682	2924	21606	49.91
13	6222	382	282	6886	195	5634	0	717	6124	6054	-1145	18341	0	18341	2881	21222	49.92
14	6229	96	291	6616	173	5606	0	688	5854	6043	-1022	18105	0	18105	2748	20853	50.02
15	6156	202	280	6638	183	5627	0	545	5879	6085	-1054	18023	0	18023	2772	20795	49.97
16	6154	126	281	6562	163	5636	0	361	5887	5863	-1120	17465	0	17465	2756	20221	49.92
17	6092	86	283	6462	138	5647	0	160	5609	5437	-1131	16713	0	16713	2733	19446	49.92
18	6056	106	287	6450	125	5762	0	22	5189	5116	-1098	16377	0	16377	2709	19086	49.90
19	6033	146	298	6478	138	5671	0	1	5244	5160	-1269	16178	0	16178	2782	18960	49.96
20	6061	152	291	6504	137	5611	0	5	4769	4568	-1235	15589	0	15589	2693	18282	50.03
21	5837	96	303	6236	172	5280	0	0	4551	4423	-1197	14915	0	14915	2476	17391	49.98
22	5641	86	302	6030	149	5058	0	0	4238	4021	-1125	14133	0	14133	2330	16463	50.00
23	5574	92	295	5960	153	4871	0	0	3947	3876	-1055	13805	0	13805	2215	16020	49.97
24	5401	86	306	5794	142	4826	0	0	3920	3698	-947	13512	0	13512	2097	15609	49.94
MUs	142.11	5.12	7.16	154.38	3.31	128.56	0.00	4.79	121.53	121.69	-23.14	389.59	0.00	389.59	56.68	446.27	49.95

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 06/Dec/2018

Position as on 6.30 Hrs of 07/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	05/12/2018	0.00		Continued.	Capital 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 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.	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
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	Koyna Unit 4	70	03/11/2018	09.02		Continued.	Stator Earth Fault	
MSPGCL	Koyna 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) U2	300	01/12/2018	08.36	06/12/2018	21.42	No Schedule.	
IPP	RPL(AMT) U-1	270	01/12/2018	20.03	07/12/2018	05.23	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 06/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 07/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 I	InterState	05/12/2018	16.12	06/12/2018	11.19	HT	Over Voltage
Dabhol Nagothane I	InterState	06/12/2018	09.41	06/12/2018	19.19	PO	LE scheme for insulator string Replacement
Dhule Sar'Sarovar II	InterState	06/12/2018	18.04		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/12/2018	19.12		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/12/2018	20.40	06/12/2018	09.14	HT	Over Voltage
Chandrapur - Parli	IntraState	06/12/2018	09.54	06/12/2018	17.34	PO	Routine Maintenance Work
Lonikand 1 - Chakan	IntraState	06/12/2018	10.35	06/12/2018	17.26	PO	Half yearly maintenance work
Koradi-Khaperkhedha li	IntraState	06/12/2018	10.36	06/12/2018	12.29	PO	Collection of oil sample of CT for DGA
Lonikand I - Koyna stage-IV	IntraState	06/12/2018	23.40		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 Kv 315 MVA ICT -I @New Koyna	IntraState	05/12/2018	10.12		Continued.	PO	OLTC Overhauling 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.
Padgha - Temghar I	IntraState	03/12/2018	08.15		Continued.	OO	To control load on Padgha ICTs.
Padgha-Temghar-II	IntraState	03/12/2018	08.15		Continued.	OO	To control load on Padgha ICTs.
Eklahare (Gcr) - Airoli Know Park	IntraState	05/12/2018	09.16		Continued.	PO	Line Maintenance work
Lamboti(solapur)-Karkamb	IntraState	05/12/2018	10.24	06/12/2018	01.08	PO	Repairing of Sleeve
Jejuri-Phursungi 1	IntraState	06/12/2018	10.03	06/12/2018	18.52	PO	Line Stringing work
Dasturi-Kandalgaon Line	IntraState	06/12/2018	10.07	06/12/2018	18.15	PO	washing of insulator string
Kathapur-Ranjangaon	IntraState	06/12/2018	10.28	06/12/2018	17.10	PO	Disc Insulator Replacement Work
Deepnagar Bambhori	IntraState	06/12/2018	15.47	06/12/2018	17.09	EO	To attend Hot Spot
Miraj-Ichalkaranji I	IntraState	06/12/2018	17.03	06/12/2018	18.04	EO	Tightning of N/B 220kv Aux.Bus Isolator
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ptr No 5 @Parvati	IntraState	05/12/2018	09.30	06/12/2018	15.03	PO	Testing 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 06/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 07/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33kv 50mva Emco Ptr @Kurkumbh	IntraState	06/12/2018	09.05	06/12/2018	16.35	PO	OLTC Overhauling work
220/100 Kv 200 MVA ICT I @Pal- Dombivali	IntraState	07/12/2018	03.20	07/12/2018	03.42	T	Over current earth fault mal function