

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Nov/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.469	663.140	1) Gujrat	-3.061	-15.303
2) Hydro	4.939	43.587	2) Madhya Pradesh	13.535	70.865
3) Gas	6.691	28.473	3) Chattisgarh	7.960	36.470
Total MSPGCL	135.099	735.200	4) Maharashtra Net	158.808	716.997
B) 1) APML	66.902	333.084	5) Goa (Amona)	-0.308	-1.606
2) JSWEL	27.353	136.913	Total	176.934	807.423
3) VIPL	5.057	31.835	a) Mumbai Schedule	27.508	112.796
4) RPL(AMT)	6.502	32.424	b) Mumbai Drawl	33.862	137.982
5) WPCL	5.552	27.519	c) MSEDCL Bilateral *	68.464	300.643
6) PGPL	0.000	0.000	Include PX	32.070	115.670
7) Other IPP	12.284	59.825	d) Mumbai Bilateral *	22.996	105.875
C) 1) TPCL Thermal	10.859	76.173	Include PX	8.695	26.163
2) TPCL Hydro	6.014	24.278	Include Standby	4.513	6.921
3) TPCL Gas	4.205	21.530	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.705	58.200	1) MSEDCL	410.504	2093.364
D) STATE			2) Mumbai Discoms	66.647	318.165
1) Thermal	269.683	1419.113	TOTAL STATE	477.151	2411.529
(A1+C1+C4+(B1-B6))					
2) Hydro	10.953	67.865			
(A2+C2)					
3) Gas	10.896	50.003			
(A3+B6+C3)					
4) Wind	4.299	41.962			
6) SOLAR	4.384	25.161			
TOTAL STATE	300.215	1604.104			

* 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 4 Hrs
MSPGCL Thermal	5407	5409	5416	4647
MSPGCL Hydro	244	210	600	94
MSPGCL Gas	275	274	277	282
MSPGCL Total Generation	5926	5893	6293	5024
Central Sector Receipt	9176	8992	6657	6237
WIND	240	249	198	191
CPP / IPP Thermal	5218	5263	5303	5005
CPP / IPP Gas	0	0	0	0
SOLAR	692	602	0	0
Exchange with Mumbai	-1491	-1770	-1802	-762
MSEDCL DEMAND MET	19760	19229	16649	15694
Load Shedding	0	0	0	0
MSEDCL DEMAND	19760	19229	16649	15694
TPCL GENERATION	1267	959	854	864
R-INFRA GENERATION	501	501	500	502
MUMBAI DEMAND	3259	3230	3156	2128
STATE DEMAND MET	23019	22459	19805	17822
STATE DEMAND	23019	22459	19805	17822
Frequency (Hz)	49.94	49.95	50.01	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.04 Hrs	49.75 Hz at 15.16 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 05/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	5.45	36.70	322	57
Unit 9	5.41	41.99	303	107
Unit 10	5.91	40.07	323	115
Total	16.77	118.76		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.53	46.67	490	355
Unit 5	10.30	45.70	495	355
Total	20.84	92.36		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.70	21.80	202	187
Unit 7	0.00	0.00	0	0
Unit 8	4.19	26.19	214	152
Total	8.89	48.00		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.73	48.15	425	385
Unit 6	10.71	50.08	450	435
Unit 7	10.09	48.69	441	380
Unit 8	9.93	48.48	422	408
Unit 9	10.44	52.07	440	426
Total	50.89	247.47		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.96	24.45	250	240
Total	5.96	24.45		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.96	20.12	180	150
Unit 3	4.16	21.44	185	165
Unit 4	4.28	21.90	190	166
Unit 5	0.00	30.14	0	0
Total	12.40	93.60		
Nasik				
Unit 3	3.71	18.59	159	150
Unit 4	4.01	19.91	188	152
Unit 5	0.00	0.00	0	0
Total	7.72	38.50		
Uran				
All Units	6.69	28.47	293	272
Total	6.69	28.47		
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)	0.11	0.93	46	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	0.93		
Koyna				
Stage 1-2	1.89	13.16	260	40
Stage 4	0.17	12.28	95	0
Stage 3	0.23	5.39	160	0
Total	2.29	30.82		
Hydro				
KDPH	0.67	2.44	37	19
VTRNA	0.45	2.09	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	1.30	80	0
RNGR+BHTSA	0.37	1.94	16	15
BHANDARDRA	0.30	1.54	13	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	1.12	17	6
GHATGHAR	0.38	2.34	125	0
Total	2.65	12.77		
Wind				
Total	4.30	41.96	0	0
Total	4.30	41.96		
CPP				
APML(Mus)	66.90	333.08	0	0
JSWEL(Mus)	27.35	136.91	0	0
VIPL(Mus)	5.06	31.84	0	0
RPLAMT(Mus)	6.50	32.42	0	0
WPCL(Mus)	5.55	27.52	0	0
Other(Mus)	12.28	59.82	0	0
Total	123.65	621.60		
SOLAR				
Total	4.38	25.16	0	0
Total	4.38	25.16		
Tata				
Trombay 5	5.61	49.34	472	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	13.64	115	64
Trombay 7B	1.55	7.88	67	51
Trombay 8	5.25	26.83	230	204
TATA Hydro	6.01	24.28	459	0
Total	21.08	121.98		
R-INFRA				
DTPS U-1&2	11.70	58.20	502	374
Total	11.70	58.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.47	663.14	MSPGCL Total	135.10	735.20
			MSPGCL Thml+Gas	130.16	691.61	Koyna 1,2 & 4 Total	2.06	25.43
			MSPGCL Hydro	4.94	43.59	State Total	300.22	1604.10

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/Nov/2018

Annexure-2

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	4912	100	279	5290	244	5002	0	0	6422	6223	-1273	15486	0	15486	2627	18113	49.99
2	4821	94	280	5196	230	5008	0	0	6505	6269	-1063	15639	0	15639	2424	18063	49.92
3	4727	100	283	5110	198	4971	0	0	6570	6268	-897	15649	0	15649	2262	17911	49.93
4	4647	94	282	5024	191	5005	0	0	6621	6237	-762	15694	0	15694	2128	17822	49.96
5	4604	100	283	4986	197	4991	0	0	6897	6454	-714	15914	0	15914	2076	17990	49.93
6	4574	110	282	4966	152	5044	0	0	7670	7347	-735	16773	0	16773	2103	18876	49.95
7	4512	100	283	4894	183	5060	0	14	8210	7662	-791	17022	0	17022	2159	19181	49.96
8	4605	124	293	5022	144	4955	0	137	7923	8121	-1042	17337	0	17337	2265	19602	49.94
9	4933	160	283	5376	222	4982	0	318	7584	8059	-1373	17584	0	17584	2564	20148	49.87
10	5140	170	280	5590	260	5021	0	506	7820	8181	-1455	18102	0	18102	2894	20996	49.90
11	5253	228	278	5758	284	5131	0	702	8868	8940	-1480	19335	0	19335	3166	22501	49.97
12	5407	244	275	5926	240	5218	0	692	9218	9176	-1491	19760	0	19760	3259	23019	49.94
13	5409	210	274	5893	249	5263	0	602	8981	8992	-1770	19229	0	19229	3230	22459	49.95
14	5506	226	273	6005	136	5276	0	553	8622	8921	-1809	19082	0	19082	3174	22256	50.00
15	5486	291	274	6051	117	5250	0	421	8776	8968	-1860	18947	0	18947	3223	22170	49.96
16	5476	276	272	6024	98	5242	0	286	8403	8195	-1880	17965	0	17965	3243	21208	49.90
17	5448	253	274	5975	108	5256	0	132	7732	7939	-1843	17567	0	17567	3200	20767	49.98
18	5425	380	274	6079	181	5305	0	21	6900	6746	-1770	16562	0	16562	3122	19684	49.92
19	5416	600	277	6293	198	5303	0	0	6595	6657	-1802	16649	0	16649	3156	19805	50.01
20	5463	563	277	6303	156	5304	0	0	6613	6615	-1680	16698	0	16698	3036	19734	50.03
21	5430	178	278	5886	141	5259	0	0	6362	6361	-1546	16101	0	16101	2904	19005	50.00
22	5437	120	278	5835	138	5244	0	0	6036	6280	-1496	16001	0	16001	2819	18820	49.99
23	5450	110	279	5839	122	5308	0	0	6023	6144	-1667	15746	0	15746	2809	18555	49.99
24	5388	110	280	5778	110	5253	0	0	6207	6179	-1663	15657	0	15657	2802	18459	49.98
MUs	123.47	4.94	6.69	135.10	4.30	123.65	0.00	4.38	177.56	176.93	-33.86	410.50	0.00	410.50	66.65	477.15	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 05/Nov/2018

Position as on 6.30 Hrs of 06/Nov/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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	Coal Swapping IEPL	
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	
IPP	RPL(AMT) U-1	270	22/09/2018	00.00		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-3	270	25/09/2018	0.00		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 3	210	06/10/2018	0.45		Continued.	Poor Coal Receipt	
IPP	VIPL U-1	300	17/10/2018	12.30		Continued.	Poor Coal Receipt	
MSPGCL	Parli Unit 7	250	19/10/2018	00.23		Continued.	Poor Coal Receipt.	
MSPGCL	Koradi Unit 6	210	20/10/2018	05.48		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 5	210	26/10/2018	12.15		Continued.	Coal Swapping with DIL.	
MSPGCL	Khaparkheda Unit 5	500	03/11/2018	21.59		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	04/11/2018	18.45		Continued.	Poor Coal Receipt	
TPC-G	Trombay 5	500	05/11/2018	12.29	05/11/2018	21.53	Problem in Condenser Extraction pump	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 06/Nov/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 I	InterState	04/11/2018	17.20	05/11/2018	07.09	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	05/11/2018	17.16	06/11/2018	06.51	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Khadka-Aurangabad (Waluj)	IntraState	04/11/2018	18.04	05/11/2018	08.27	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/11/2018	18.11		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	05/11/2018	10.24	05/11/2018	15.45	PO	Tan Delta Testing of Bushing
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 52B Interconnector CB	IntraState	16/10/2018	08.28		Continued.	HT	Interconnector open.
Nerul-Trombay	IntraState	29/10/2018	06.32	05/11/2018	16.40	PO	Stinging of HTLC conductor.
New Koyna - Loteparshuram	IntraState	04/11/2018	17.33	05/11/2018	00.20	T	Distance Protection
Miraj - Mhaishal	IntraState	05/11/2018	09.00	05/11/2018	11.00	PO	Testing Work
Eklahare (Ocr)Nasik - Padghe 2	IntraState	05/11/2018	09.29	05/11/2018	13.46	PO	Jumper Tightening work
Osmanabad - Solapur (Bale)	IntraState	05/11/2018	11.54	05/11/2018	14.52	T	Distance Protection
Vsnl-512 Khadki	IntraState	06/11/2018	02.12	06/11/2018	02.52	T	Bus Bar Prot.operated at Khadki due to Y Phase PT Burst
512 Khadki- Century Enka	IntraState	06/11/2018	02.12	06/11/2018	02.52	T	Bus Bar Prot.operated at Khadki due to Y Phase PT Burst
Nalasopara-Boisar	IntraState	06/11/2018	05.45	06/11/2018	06.30	T	Distance Protection B Phase E/F
220 KV ICT Outages/Trippings							
220/132kv 100mva Vijai Ptr No 1 @Baramati	IntraState	05/11/2018	09.20	05/11/2018	17.29	PO	Testing Work
220/33 Kv 100 Mva Bbl Ptr 2 @Valve	IntraState	05/11/2018	11.42	05/11/2018	12.48	PO	Physical measurement of Bushing
132 KV LINE Outages/Trippings							
132KV Nlwali - Vikassugar	IntraState	04/11/2018	17.07	05/11/2018	04.00	T	Y Phase CT Burst

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