

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Jan/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.633	1346.224	1) Gujrat	1.430	9.509
2) Hydro	12.492	101.587	2) Madhya Pradesh	14.487	152.256
3) Gas	8.845	106.101	3) Chattisgarh	6.660	66.430
Total MSPGCL	137.970	1553.912	4) Maharashtra Net	113.173	1140.995
B) 1) APML	50.521	571.400	5) Goa (Amona)	-0.528	-8.954
2) JSWEL	19.208	199.728	Total	135.222	1360.236
3) VIPL	12.194	133.341	a) Mumbai Schedule	25.124	250.636
4) RPL(AMT)	16.686	119.375	b) Mumbai Drawl	33.925	288.435
5) WPCL	4.362	44.862	c) MSEDCL Bilateral *	19.072	177.460
6) PGPL	0.000	0.000	Include PX	-1.778	-20.199
7) Other IPP	11.567	135.643	d) Mumbai Bilateral *	25.124	248.536
C) 1) TPCL Thermal	0.000	38.638	Include PX	4.870	42.765
2) TPCL Hydro	6.748	62.183	Include Standby	0.000	2.100
3) TPCL Gas	3.875	40.899	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	6.068	87.735	1) MSEDCL	365.417	3923.749
D) STATE			2) Mumbai Discoms	50.615	517.893
1) Thermal	237.239	2676.946	TOTAL STATE	416.032	4441.642
(A1+C1+C4+(B1-B6))					
2) Hydro	19.240	163.770			
(A2+C2)					
3) Gas	12.720	147.000			
(A3+B6+C3)					
4) Wind	8.335	60.659			
6) SOLAR	3.277	33.028			
TOTAL STATE	280.811	3081.403			

* 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	5279	5278	5020	4256
MSPGCL Hydro	1147	806	558	122
MSPGCL Gas	405	410	279	418
MSPGCL Total Generation	6831	6494	5857	4796
Central Sector Receipt	6874	6706	5922	3939
WIND	233	188	158	712
CPP / IPP Thermal	5215	5200	4851	4171
CPP / IPP Gas	0	0	0	0
SOLAR	479	511	0	0
Exchange with Mumbai	-1751	-1717	-1637	-962
MSEDCL DEMAND MET	17881	17382	15151	12656
Load Shedding	0	0	0	0
MSEDCL DEMAND	17881	17382	15151	12656
TPCL GENERATION	621	621	610	151
R-INFRA GENERATION	252	254	252	253
MUMBAI DEMAND	2624	2592	2499	1366
STATE DEMAND MET	20505	19974	17650	14022
STATE DEMAND	20505	19974	17650	14022
Frequency (Hz)	49.99	49.98	49.98	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 04.00 Hrs	49.75 Hz at 06.41 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 11/Jan/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	23.40	0	0
Unit 8	9.76	123.74	451	360
Unit 9	9.90	79.26	451	360
Unit 10	10.35	118.59	520	360
Total	30.01	344.99		
Bhusawal				
Unit 3	3.94	32.76	180	75
Unit 4	0.82	79.22	255	0
Unit 5	9.99	108.75	500	345
Total	14.74	220.72		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.05	48.55	236	186
Unit 7	0.00	0.00	0	0
Unit 8	0.00	20.17	0	0
Total	5.05	68.72		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.18	110.61	470	360
Unit 6	0.00	22.82	0	0
Unit 7	10.01	108.89	462	356
Unit 8	0.00	0.00	0	0
Unit 9	9.97	107.47	466	343
Total	30.17	349.78		
Paras				
Unit 3	5.41	14.30	256	188
Unit 4	5.44	58.72	252	188
Total	10.84	73.02		
Khaparkheda				
Unit 1	0.00	5.84	0	0
Unit 2	3.80	43.17	175	140
Unit 3	0.00	0.00	0	0
Unit 4	3.80	43.38	170	150
Unit 5	9.85	110.56	470	350
Total	17.44	202.95		
Nasik				
Unit 3	4.16	17.89	195	160
Unit 4	4.20	46.07	194	161
Unit 5	0.00	22.07	0	0
Total	8.37	86.03		
Uran				
All Units	8.84	106.10	422	267
Total	8.84	106.10		
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)	0.13	2.37	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	2.37		
Koyna				
Stage 1-2	4.88	28.80	470	40
Stage 4	1.71	13.91	221	0
Stage 3	1.64	9.76	160	0
Total	8.23	52.48		
Hydro				
KDPH	0.88	7.98	37	36
VTRNA	0.77	9.46	61	0
TILLARI	0.00	3.95	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	3.42	80	0
RNGR+BHTSA	0.36	4.03	15	14
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.66	8.10	38	25
GHATGHAR	1.15	11.84	125	0
Total	4.26	49.11		
Wind				
Total	8.34	60.66	0	0
Total	8.34	60.66		
CPP				
APML(Mus)	50.52	571.40	0	0
JSWEL(Mus)	19.21	199.73	0	0
VIPL(Mus)	12.19	133.34	0	0
RPLAMT(Mus)	16.69	119.38	0	0
WPCL(Mus)	4.36	44.86	0	0
Other(Mus)	11.57	135.64	0	0
Total	114.54	1204.35		
SOLAR				
Total	3.28	33.03	0	0
Total	3.28	33.03		
Tata				
Trombay 5	0.00	16.69	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.39	25.56	114	84
Trombay 7B	1.49	15.34	68	57
Trombay 8	0.00	21.95	0	0
TATA Hydro	6.75	62.18	459	0
Total	10.62	141.72		
R-INFRA				
DTPS U-1&2	6.07	87.74	254	251
Total	6.07	87.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.63	1346.22	MSPGCL Total	137.97	1553.91
			MSPGCL Thml+Gas	125.48	1452.32	Koyna 1,2 & 4 Total	6.60	42.72
			MSPGCL Hydro	12.49	101.59	State Total	280.81	3081.40

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/Jan/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	4280	116	412	4808	642	4202	0	0	4346	4216	-1194	12674	0	12674	1600	14274	49.96
2	4262	116	418	4796	709	4201	0	0	4113	3940	-1077	12569	0	12569	1473	14042	50.00
3	4267	121	418	4806	761	4189	0	0	3644	3879	-1008	12627	0	12627	1403	14030	49.98
4	4256	122	418	4796	712	4171	0	0	3630	3939	-962	12656	0	12656	1366	14022	49.96
5	4255	122	418	4795	684	4188	0	0	4172	4497	-963	13201	0	13201	1370	14571	50.02
6	4307	217	422	4946	594	4209	0	0	5423	5638	-1085	14302	0	14302	1509	15811	49.97
7	5130	417	412	5959	529	4696	0	2	5927	6045	-1125	16106	0	16106	1720	17826	49.94
8	5304	732	412	6448	457	5153	0	32	6310	6551	-1208	17433	0	17433	1912	19345	49.94
9	5326	697	391	6414	318	5185	0	174	6432	6639	-1339	17391	0	17391	2180	19571	49.93
10	5298	958	409	6665	250	5254	0	304	6261	6561	-1574	17460	0	17460	2448	19908	49.90
11	5294	1101	415	6810	226	5257	0	434	6587	6599	-1734	17592	0	17592	2609	20201	49.93
12	5279	1147	405	6831	233	5215	0	479	7032	6874	-1751	17881	0	17881	2624	20505	49.99
13	5278	806	410	6494	188	5200	0	511	6916	6706	-1717	17382	0	17382	2592	19974	49.98
14	5297	853	411	6561	159	5203	0	467	6285	6365	-1630	17125	0	17125	2512	19637	49.96
15	5308	913	422	6643	106	5306	0	399	6268	6543	-1641	17356	0	17356	2534	19890	49.94
16	5250	807	413	6470	88	5308	0	299	6288	6141	-1612	16694	0	16694	2504	19198	49.91
17	5276	617	276	6169	91	5305	0	135	6285	6247	-1599	16348	0	16348	2490	18838	49.93
18	5041	377	267	5685	95	5013	0	41	5970	5983	-1602	15215	0	15215	2471	17686	49.95
19	5020	558	279	5857	158	4851	0	0	5753	5922	-1637	15151	0	15151	2499	17650	49.98
20	5079	542	281	5902	238	4907	0	0	5577	5361	-1672	14736	0	14736	2467	17203	50.00
21	4434	380	281	5095	320	4621	0	0	5327	5447	-1586	13897	0	13897	2342	16239	49.94
22	4483	276	284	5043	301	4281	0	0	4895	5216	-1461	13380	0	13380	2175	15555	49.93
23	4493	376	285	5154	246	4240	0	0	4551	5003	-1444	13199	0	13199	1999	15198	49.98
24	4416	121	286	4823	230	4386	0	0	4613	4910	-1304	13045	0	13045	1817	14862	50.01
MUs	116.63	12.49	8.84	137.97	8.34	114.54	0.00	3.28	132.61	135.22	-33.92	365.42	0.00	365.42	50.62	416.03	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 11/Jan/2018

Position as on 6.30 Hrs of 12/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit-8	500	16/12/2017	00.16		Continued.	Annual Overhaul	
TPC-G	Trombay 5	500	02/01/2018	23.48		Continued.	Boiler Recertification Work.	
RINFRA-G	REL Unit 2	250	06/01/2018	00.46		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
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	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
IPP	RPL(AMT) U-1	270	12/12/2017	08.49		Continued.	switch gear problem (Coal shortage from 17.12.2017, 00:00hrs)Converted to zero schedule w.e.f 01.01.2018, 00:00hrs	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Jan/2018

Position as on 6.30 Hrs of 12/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkhedda Unit 1	210	04/01/2018	16.42		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	04/01/2018	19.38	11/01/2018	09.56	due to vibration.	
TPC_G	Trombay 8	250	05/01/2018	05.52		Continued.	Turbine bearing temperature high.	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	PA Fan Problem (Not available due to Coal shortage from 07.01.2018, 14:00Hrs)	
MSPGCL	Parli Unit 8	250	06/01/2018	07.07		Continued.	Coal bunkering problem	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Bhusawal Unit 4	500	09/01/2018	01.08	11/01/2018	19.39	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	11/01/2018	10.41	11/01/2018	12.00	Gas shortage	
MSPGCL	Uran Unit 8	108	11/01/2018	12.34	11/01/2018	14.17	thrust bearing trip.	
MSPGCL	Uran Unit 8	108	11/01/2018	15.43		Continued.	thrust bearing trip.	
MSPGCL	Uran Unit 7	108	11/01/2018	16.22		Continued.	Boiler Validity	
MSPGCL	Bhusawal Unit 3	210	11/01/2018	23.33		Continued.	poor coal receipt.	
MSPGCL	Paras Unit 4	250	11/01/2018	24.00		Continued.	Water Shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 12/Jan/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	10/01/2018	17.58	11/01/2018	09.50	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/01/2018	17.21		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	08/01/2018	12.41		Continued.	PO	Work At BBSLR End.
Karad - Jaigad - II	IntraState	10/01/2018	10.36	11/01/2018	09.46	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	10/01/2018	17.31	11/01/2018	08.09	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	11/01/2018	01.15	11/01/2018	07.41	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	11/01/2018	10.02	11/01/2018	18.10	PO	yard equipment & gantary insulator wasing.
Chandrapur-II - Nanded ckt II	IntraState	11/01/2018	12.47	11/01/2018	13.18	HT	to charge the line for taking the 400 kv 50 mvar bhel make reactor into service.
karad -kolhapur-I	IntraState	11/01/2018	17.36		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	11/01/2018	17.57		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	11/01/2018	18.12		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	11/01/2018	21.20	12/01/2018	07.24	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	11/01/2018	09.45	11/01/2018	20.06	PO	Annual Maintenance Work
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	11/01/2018	10.02	11/01/2018	19.10	PO	Attending Oil Leakage
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Borivali ckt II	IntraState	07/12/2017	12.23		Continued.	T	Distance Protection
Bhosari- Bhosari 2	IntraState	11/01/2018	08.48	11/01/2018	18.50	PO	double jumper of cut point towers.
Pedhambe - Oni	IntraState	11/01/2018	09.02	11/01/2018	18.40	PO	for cleaning of insulator string.
Khaparkheda-Ambazari-I	IntraState	11/01/2018	10.13	11/01/2018	13.58	PO	Routine Maintenance Work
Parli(U-VIII) GCR CKT	IntraState	11/01/2018	11.46	11/01/2018	13.51	PO	Tan Delta Measurment of CTs
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/132 Kv 100 Mva Cgl lct 1 @Dondaicha	IntraState	11/01/2018	09.40	11/01/2018	13.23	PO	isolator & ct clamp replacement work.
220/132 Kv 100 Mva Emco lct 2 @Dondaicha	IntraState	11/01/2018	15.38	11/01/2018	18.45	PO	isolator & ct clamp replacement work.

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