

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Jan/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.862	2187.520	1) Gujrat	-0.025	15.918
2) Hydro	10.073	191.089	2) Madhya Pradesh	13.177	252.885
3) Gas	10.418	173.715	3) Chattisgarh	7.080	114.660
Total MSPGCL	142.353	2552.324	4) Maharashtra Net	123.230	1979.616
B) 1) APML	42.977	896.556	5) Goa (Amona)	-0.660	-13.772
2) JSWEL	19.231	334.181	Total	142.802	2349.307
3) VIPL	10.021	206.582	a) Mumbai Schedule	25.958	455.762
4) RPL(AMT)	23.026	270.568	b) Mumbai Drawl	27.743	511.291
5) WPCL	4.436	74.628	c) MSEDCL Bilateral *	29.370	337.019
6) PGPL	0.000	0.000	Include PX	11.101	11.649
7) Other IPP	11.211	215.917	d) Mumbai Bilateral *	25.958	453.036
C) 1) TPCL Thermal	14.572	70.846	Include PX	9.976	110.737
2) TPCL Hydro	2.674	101.391	Include Standby	0.000	2.726
3) TPCL Gas	4.329	71.221	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.670	128.315	1) MSEDCL	375.810	6539.877
D) STATE			2) Mumbai Discoms	54.989	883.067
1) Thermal	253.006	4385.113	TOTAL STATE	430.799	7422.944
(A1+C1+C4+(B1-B6))					
2) Hydro	12.747	292.480			
(A2+C2)					
3) Gas	14.747	244.936			
(A3+B6+C3)					
4) Wind	3.980	96.641			
6) SOLAR	3.516	54.464			
TOTAL STATE	287.996	5073.634			

* 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 3 Hrs
MSPGCL Thermal	5402	5411	5331	4586
MSPGCL Hydro	1067	824	172	91
MSPGCL Gas	421	406	427	450
MSPGCL Total Generation	6890	6641	5930	5127
Central Sector Receipt	7380	6882	5979	4461
WIND	189	190	164	185
CPP / IPP Thermal	4861	4873	4673	4360
CPP / IPP Gas	0	0	0	0
SOLAR	503	523	1	0
Exchange with Mumbai	-1469	-1435	-1429	-737
MSEDCL DEMAND MET	18354	17674	15318	13396
Load Shedding	0	0	0	0
MSEDCL DEMAND	18354	17674	15318	13396
TPCL GENERATION	1115	1099	989	697
R-INFRA GENERATION	251	252	252	193
MUMBAI DEMAND	2835	2786	2670	1627
STATE DEMAND MET	21189	20460	17988	15023
STATE DEMAND	21189	20460	17988	15023
Frequency (Hz)	50.02	50.02	49.97	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.02 Hrs	49.72 Hz at 07.36 Hrs	49.99	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 18/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	7.93	185.45	333	329
Unit 9	7.94	139.62	336	326
Unit 10	8.05	180.13	350	330
Total	23.92	528.60		
Bhusawal				
Unit 3	0.00	32.76	0	0
Unit 4	10.42	150.92	500	350
Unit 5	10.52	180.75	495	345
Total	20.94	364.42		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.42	85.19	250	180
Unit 7	0.00	0.00	0	0
Unit 8	4.65	48.67	203	183
Total	10.07	133.86		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.27	181.34	470	350
Unit 6	0.00	22.82	0	0
Unit 7	10.17	179.98	460	360
Unit 8	0.00	0.00	0	0
Unit 9	10.50	180.38	470	360
Total	30.94	564.51		
Paras				
Unit 3	5.22	51.21	243	187
Unit 4	0.00	58.72	0	0
Total	5.22	109.94		
Khaparkheda				
Unit 1	3.68	16.48	165	135
Unit 2	4.17	72.07	190	160
Unit 3	0.00	0.00	0	0
Unit 4	3.97	71.07	178	160
Unit 5	10.50	182.51	495	356
Total	22.31	342.14		
Nasik				
Unit 3	4.26	47.60	195	162
Unit 4	4.21	74.39	188	160
Unit 5	0.00	22.07	0	0
Total	8.46	144.06		
Uran				
All Units	10.42	173.72	454	406
Total	10.42	173.72		
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)	0.16	3.11	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	3.11		
Koyna				
Stage 1-2	2.00	53.64	350	40
Stage 4	3.50	41.72	640	0
Stage 3	0.91	21.01	160	0
Total	6.41	116.37		
Hydro				
KDPH	0.00	9.71	0	0
VTRNA	0.95	15.98	61	0
TILLARI	0.00	3.95	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	5.83	80	0
RNGR+BHTSA	0.35	6.45	15	14
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.81	13.53	44	31
GHATGHAR	1.33	18.93	125	0
Total	3.66	74.72		
Wind				
Total	3.98	96.64	0	0
Total	3.98	96.64		
CPP				
APML(Mus)	42.98	896.56	0	0
JSWEL(Mus)	19.23	334.18	0	0
VIPL(Mus)	10.02	206.58	0	0
RPLAMT(Mus)	23.03	270.57	0	0
WPCL(Mus)	4.44	74.63	0	0
Other(Mus)	11.21	215.92	0	0
Total	110.90	1998.43		
SOLAR				
Total	3.52	54.46	0	0
Total	3.52	54.46		
Tata				
Trombay 5	9.28	26.58	469	289
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	44.76	115	107
Trombay 7B	1.58	26.46	68	64
Trombay 8	5.29	44.27	240	199
TATA Hydro	2.67	101.39	272	0
Total	21.58	243.46		
R-INFRA				
DTPS U-1&2	5.67	128.32	252	192
Total	5.67	128.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.86	2187.52	MSPGCL Total	142.35	2552.32
			MSPGCL Thml+Gas	132.28	2361.24	Koyna 1,2 & 4 Total	5.50	95.36
			MSPGCL Hydro	10.07	191.09	State Total	288.00	5073.63

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	4517	317	438	5272	253	4279	0	0	4756	4647	-999	13452	0	13452	1862	15314	49.97
2	4593	123	449	5165	208	4342	0	0	4985	4647	-834	13528	0	13528	1718	15246	49.98
3	4586	91	450	5127	185	4360	0	0	5032	4461	-737	13396	0	13396	1627	15023	49.98
4	4484	101	441	5026	231	4304	0	0	4856	4723	-680	13604	0	13604	1571	15175	49.97
5	4537	91	451	5079	249	4336	0	0	4855	5101	-681	14084	0	14084	1571	15655	49.98
6	5168	91	451	5710	268	4500	0	0	5134	5387	-787	15078	0	15078	1685	16763	49.97
7	5388	195	454	6037	256	4772	0	3	5934	6300	-825	16543	0	16543	1890	18433	49.97
8	5362	1193	454	7009	222	4834	0	29	6327	6585	-884	17795	0	17795	2070	19865	49.92
9	5391	1264	451	7106	143	4851	0	187	6419	6283	-1111	17459	0	17459	2326	19785	49.96
10	5391	1094	435	6920	152	4867	0	354	6545	6749	-1313	17729	0	17729	2611	20340	49.97
11	5402	1145	426	6973	142	4860	0	437	6770	6803	-1463	17752	0	17752	2799	20551	49.97
12	5402	1067	421	6890	189	4861	0	503	6964	7380	-1469	18354	0	18354	2835	21189	50.02
13	5411	824	406	6641	190	4873	0	523	6941	6882	-1435	17674	0	17674	2786	20460	50.02
14	5427	417	414	6258	137	4809	0	501	7036	7058	-1339	17424	0	17424	2655	20079	50.04
15	5395	323	412	6130	138	4807	0	437	7087	7117	-1373	17256	0	17256	2696	19952	49.98
16	5397	271	414	6082	134	4789	0	331	7109	7031	-1367	17000	0	17000	2722	19722	49.96
17	5352	335	406	6093	127	4890	0	178	6501	6854	-1361	16781	0	16781	2736	19517	49.98
18	5356	258	423	6037	152	4859	0	32	5897	5800	-1344	15536	0	15536	2696	18232	50.00
19	5331	172	427	5930	164	4673	0	1	5854	5979	-1429	15318	0	15318	2670	17988	49.97
20	5340	158	438	5936	114	4646	0	0	5831	5704	-1382	15018	0	15018	2598	17616	49.99
21	4896	145	430	5471	90	4489	0	0	5728	5473	-1413	14110	0	14110	2473	16583	49.98
22	4631	145	435	5211	78	4412	0	0	5506	5482	-1261	13922	0	13922	2245	16167	50.04
23	4592	160	446	5198	70	4280	0	0	5483	5282	-1189	13641	0	13641	2133	15774	50.02
24	4513	93	446	5052	88	4210	0	0	5175	5074	-1067	13357	0	13357	2013	15370	50.00
MUs	121.86	10.07	10.42	142.35	3.98	110.90	0.00	3.52	142.73	142.80	-27.74	375.81	0.00	375.81	54.99	430.80	49.99

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 18/Jan/2018

Position as on 6.30 Hrs of 19/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	
RINFRA-G	REL Unit 2	250	06/01/2018	00.46		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	
RGPPL	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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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.	
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	
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	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Bhusawal Unit 3	210	11/01/2018	23.33		Continued.	poor coal receipt.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Jan/2018

Position as on 6.30 Hrs of 19/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 4	250	12/01/2018	00.01		Continued.	Water Shortage	
MSPGCL	Koyna STG-IV Unit-3	250	15/01/2018	11.15		Continued.	GTA/GEV Emergency stop relay operated.	
MSPGCL	Uran Unit 8	108	17/01/2018	13.41		Continued.	vibration testing.	
IPP	Adani U-5	660	18/01/2018	23.08		Continued.	bunkering problem.	
MSPGCL	Koradi Unit 9	660	19/01/2018	03.17	19/01/2018	06.00	ID Fan Problem	
IPP	RPL(AMT) U-2	270	19/01/2018	06.50		Continued.	Cooling Water Line Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 19/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	17/01/2018	17.28	18/01/2018	06.44	HT	Over Voltage
Chandrapur Bhadravati I	InterState	18/01/2018	09.15		Continued.	PO	work at bhadravati.
Dhule Sar'Sarovar I	InterState	18/01/2018	17.46		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	17/01/2018	17.21	18/01/2018	06.40	HT	Over Voltage
karad -kolhapur-I	IntraState	17/01/2018	18.07	18/01/2018	10.03	HT	Over Voltage
Karad - Jaigad - II	IntraState	17/01/2018	18.10	18/01/2018	08.55	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	18/01/2018	08.54	18/01/2018	18.25	PO	Annual Maintenance Work
Chandrapur-II - Nanded ckt II	IntraState	18/01/2018	10.55	18/01/2018	14.21	PO	line signature testing.
Taptitanda Waluj	IntraState	18/01/2018	11.44	18/01/2018	15.34	PO	Tan Delta Measurment of CTs
Karad-Jaigad - I	IntraState	18/01/2018	17.44		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	18/01/2018	17.45		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/01/2018	17.50		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/01/2018	22.06	19/01/2018	06.36	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500MVA ICT II @ Nanded	IntraState	18/01/2018	11.30	18/01/2018	18.29	PO	diagnostic testing.
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
Nagothane - Ipcl	IntraState	16/01/2018	11.42		Continued.	PO	Line Bunching Work For Height Rising For Railway Line.
IPCL - SPCL	IntraState	16/01/2018	12.07		Continued.	PO	Line Bunching Work Height Rising For Railway Line.
Bus section @ Kalwa	IntraState	16/01/2018	18.25	18/01/2018	13.25	EO	Due Abnormal Sound In Y PH CT.
Chakan-Chinchwad	IntraState	18/01/2018	08.09	18/01/2018	19.03	PO	line jumpering work.
Dahanu Ghodbunder Line 2	IntraState	18/01/2018	08.46	18/01/2018	19.35	PO	Routine Maintenance Work
Pedhambe - Oni	IntraState	18/01/2018	09.15	18/01/2018	19.30	PO	Routine Maintenance Work
Jambhul - Anandnagar	IntraState	18/01/2018	09.20		Continued.	PO	replacement of circuit breaker.
Badnera-Akola I	IntraState	18/01/2018	09.32		Continued.	PO	isolator replacement.
New Koyna - Loteparshuram	IntraState	18/01/2018	11.19	18/01/2018	17.19	EO	Attending Hot Spot
Vsni-512 Khadki	IntraState	18/01/2018	11.40	18/01/2018	13.40	PO	Testing Work
512 Khadki- Century Enka	IntraState	18/01/2018	13.40	18/01/2018	16.32	PO	Routine Maintenance Work
Hingoli- Girawali	IntraState	18/01/2018	14.34	18/01/2018	17.11	PO	welding for tower cross arm.
Shivajinagar-Gangapur	IntraState	18/01/2018	14.59	18/01/2018	19.12	PO	replacement of copper clamp.
Kharghar-Borivali ckt I	IntraState	18/01/2018	16.36	18/01/2018	17.01	T	Distance Protection

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 18/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 19/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nagar-Babhaleshwar Ckt II	IntraState	18/01/2018	21.28	18/01/2018	22.19	T	Distance Protection
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 100mva Cgl Ptr No 6 @Chinchwad	IntraState	18/01/2018	13.40	18/01/2018	15.57	EO	Attending Oil Leakage
220/33kv 100 MVA Transformer 2 @Ghodbunder R/S	IntraState	18/01/2018	14.19	18/01/2018	17.35	PO	Testing Work
220/132/11 Kv 200 Mva Cgl lct 2 @Amravati	IntraState	18/01/2018	14.38	18/01/2018	17.53	PO	replacement of jumper of newly erected 220 kv auxiliary bus isolator to ct and bus work under les scheme.