

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.630	642.114	1) Gujrat	-1.035	2.516
2) Hydro	11.699	47.001	2) Madhya Pradesh	14.071	63.642
3) Gas	10.694	53.926	3) Chattisgarh	5.990	28.870
Total MSPGCL	151.023	743.041	4) Maharashtra Net	102.388	490.320
B) 1) APML	56.356	257.330	5) Goa (Amona)	-0.924	-4.598
2) JSWEL	16.547	87.202	Total	120.490	580.750
3) VIPL	12.465	61.002	a) Mumbai Schedule	23.763	95.287
4) RPL(AMT)	5.650	27.300	b) Mumbai Drawl	27.136	104.718
5) WPCL	4.058	19.194	c) MSEDCL Bilateral *	14.807	74.183
6) PGPL	0.000	0.000	Include PX	-2.767	-11.467
7) Other IPP	12.217	62.289	d) Mumbai Bilateral *	22.458	93.982
C) 1) TPCL Thermal	1.178	38.638	Include PX	4.351	8.267
2) TPCL Hydro	7.092	23.200	Include Standby	1.305	1.305
3) TPCL Gas	3.580	20.062	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.498	51.550	1) MSEDCL	357.309	1766.268
D) STATE			2) Mumbai Discoms	49.484	238.172
1) Thermal	247.599	1246.619	TOTAL STATE	406.793	2004.440
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	18.791	70.201			
3) Gas (A3+B6+C3)	14.274	73.988			
4) Wind	2.705	17.662			
6) SOLAR	2.934	15.216			
TOTAL STATE	286.303	1423.686			

* 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	5766	5747	5337	4811
MSPGCL Hydro	1098	1005	427	107
MSPGCL Gas	432	436	432	460
MSPGCL Total Generation	7296	7188	6196	5378
Central Sector Receipt	6134	5898	5487	4079
WIND	77	73	179	111
CPP / IPP Thermal	4959	4877	4405	3743
CPP / IPP Gas	0	0	0	0
SOLAR	447	451	0	0
Exchange with Mumbai	-1496	-1428	-1455	-696
MSEDCL DEMAND MET	17417	17059	14812	12615
Load Shedding	0	0	0	0
MSEDCL DEMAND	17417	17059	14812	12615
TPCL GENERATION	586	614	623	326
R-INFRA GENERATION	503	504	377	377
MUMBAI DEMAND	2585	2546	2455	1399
STATE DEMAND MET	20002	19605	17267	14014
STATE DEMAND	20002	19605	17267	14014
Frequency (Hz)	49.94	49.91	49.94	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 22.00 Hrs	49.7 Hz at 09.27 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 05/Jan/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.29	17.36	145	130
Unit 8	11.76	59.01	532	454
Unit 9	11.41	15.98	520	355
Unit 10	9.37	54.67	460	278
Total	35.82	147.03		
Bhusawal				
Unit 3	4.09	20.75	205	0
Unit 4	9.72	48.94	475	345
Unit 5	9.72	49.16	470	345
Total	23.53	118.84		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	2.79	19.69	122	106
Unit 7	0.00	0.00	0	0
Unit 8	3.59	19.19	159	139
Total	6.38	38.88		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.54	50.71	470	361
Unit 6	0.00	22.82	0	0
Unit 7	10.20	49.37	460	347
Unit 8	0.00	0.00	0	0
Unit 9	10.03	49.14	465	338
Total	30.76	172.04		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.51	26.92	250	185
Total	5.51	26.92		
Khaparkheda				
Unit 1	0.00	5.84	0	0
Unit 2	3.99	19.96	180	140
Unit 3	0.00	0.00	0	0
Unit 4	4.02	20.02	179	156
Unit 5	10.16	50.41	460	350
Total	18.17	96.22		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.24	21.16	197	160
Unit 5	4.21	21.01	196	157
Total	8.45	42.18		
Uran				
All Units	10.69	53.93	473	379
Total	10.69	53.93		
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)	0.18	1.76	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	1.76		
Koyna				
Stage 1-2	3.26	13.30	450	40
Stage 4	2.68	7.40	675	0
Stage 3	1.37	5.06	160	0
Total	7.31	25.75		
Hydro				
KDPH	0.57	2.68	37	18
VTRNA	0.82	4.18	60	0
TILLARI	0.36	1.94	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.35	0.97	80	0
RNGR+BHTSA	0.37	1.88	16	15
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.72	3.99	40	27
GHATGHAR	1.20	5.26	125	0
Total	4.39	21.25		
Wind				
Total	2.70	17.66	0	0
Total	2.70	17.66		
CPP				
APML(Mus)	56.36	257.33	0	0
JSWEL(Mus)	16.55	87.20	0	0
VIPL(Mus)	12.46	61.00	0	0
RPLAMT(Mus)	5.65	27.30	0	0
WPCL(Mus)	4.06	19.19	0	0
Other(Mus)	12.22	62.29	0	0
Total	107.29	514.32		
SOLAR				
Total	2.93	15.22	0	0
Total	2.93	15.22		
Tata				
Trombay 5	0.00	16.69	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.17	12.49	105	72
Trombay 7B	1.41	7.57	63	53
Trombay 8	1.18	21.95	201	0
TATA Hydro	7.09	23.20	459	0
Total	11.85	81.90		
R-INFRA				
DTPS U-1&2	10.50	51.55	505	375
Total	10.50	51.55		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.63	642.11	MSPGCL Total	151.02	743.04
			MSPGCL Thml+Gas	139.32	696.04	Koyna 1,2 & 4 Total	5.94	20.69
			MSPGCL Hydro	11.70	47.00	State Total	286.30	1423.69

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	4833	117	447	5397	168	3749	0	0	4109	4209	-886	12637	0	12637	1587	14224	49.96
2	4817	142	469	5428	135	3745	0	0	4078	4086	-763	12631	0	12631	1466	14097	49.99
3	4811	107	460	5378	111	3743	0	0	4198	4079	-696	12615	0	12615	1399	14014	49.96
4	4796	102	459	5357	98	3749	0	0	4218	4319	-658	12865	0	12865	1360	14225	49.97
5	4826	107	472	5405	103	3745	0	0	4619	4675	-673	13255	0	13255	1373	14628	50.00
6	5364	197	462	6023	68	4076	0	0	4825	5026	-821	14372	0	14372	1507	15879	49.98
7	5692	227	473	6392	68	4804	0	0	5412	5591	-856	15999	0	15999	1715	17714	49.95
8	5750	1245	463	7458	90	4980	0	26	5273	5329	-826	17057	0	17057	1889	18946	49.91
9	5767	1181	458	7406	49	4985	0	140	5240	5310	-1048	16842	0	16842	2151	18993	49.86
10	5770	1375	454	7599	52	5028	0	284	5316	5564	-1298	17229	0	17229	2406	19635	49.86
11	5792	894	447	7133	63	4962	0	392	5794	5645	-1461	16734	0	16734	2569	19303	49.88
12	5766	1098	432	7296	77	4959	0	447	6090	6134	-1496	17417	0	17417	2585	20002	49.94
13	5747	1005	436	7188	73	4877	0	451	6109	5898	-1428	17059	0	17059	2546	19605	49.91
14	5747	545	423	6715	72	4879	0	432	5713	6015	-1284	16829	0	16829	2410	19239	50.01
15	5747	550	415	6712	75	4920	0	361	5578	5939	-1325	16682	0	16682	2411	19093	49.94
16	5699	575	379	6653	117	4984	0	250	5434	5302	-1292	16014	0	16014	2419	18433	49.93
17	5704	510	424	6638	131	4547	0	127	5484	5605	-1291	15757	0	15757	2418	18175	49.90
18	5485	211	429	6125	127	4571	0	24	5408	5162	-1431	14578	0	14578	2402	16980	49.92
19	5337	427	432	6196	179	4405	0	0	5098	5487	-1455	14812	0	14812	2455	17267	49.94
20	5043	375	455	5873	189	4297	0	0	4938	4998	-1408	13949	0	13949	2407	16356	49.91
21	5099	184	439	5722	162	4335	0	0	4519	4556	-1287	13488	0	13488	2281	15769	49.97
22	4931	237	454	5622	164	3972	0	0	4117	4473	-1166	13065	0	13065	2095	15160	50.03
23	5193	154	455	5802	174	4370	0	0	3727	3591	-1179	12758	0	12758	1903	14661	49.99
24	4914	134	457	5505	160	4611	0	0	3522	3497	-1108	12665	0	12665	1730	14395	50.02
MUs	128.63	11.70	10.69	151.02	2.71	107.29	0.00	2.93	118.82	120.49	-27.14	357.31	0.00	357.31	49.48	406.79	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 05/Jan/2018

Position as on 6.30 Hrs of 06/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.	
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	
MSPGCL	Paras Unit 3	250	29/11/2017	22.55		Continued.	bunkering problem, Water shortage	
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	
IPP	RPL(AMT) U-4	270	15/12/2017	00.01	06/01/2018	06.24	Coal Shortage (Converted to zero schedule w.e.f 01.01.2018, 00:00Hrs)	
IPP	RPL(AMT) U-2	270	22/12/2017	00.01		Continued.	zero schedule	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	
MSPGCL	Nasik Unit 3	210	27/12/2017	04.30		Continued.	BTL, not available on	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Jan/2018

Position as on 6.30 Hrs of 06/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							account of PCR w.e.f 30.12.2017 at 18:00Hrs	
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	Khaparkhedha Unit 1	210	04/01/2018	16.42		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	04/01/2018	19.38		Continued.	due to vibration.	
TPC_G	Trombay 8	250	05/01/2018	05.52		Continued.	Turbine bearing temperature high.	
IPP	JSW (J) U1	300	05/01/2018	16.00	05/01/2018	21.40	ELECTRICAL FAULT.	
MSPGCL	Bhusawal Unit 3	210	05/01/2018	22.45		Continued.	Coal Shortage	
RINFRA-G	REL Unit 2	250	06/01/2018	00.46		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	PA Fan problem	

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

Statement-VII

Position as on 6.30 Hrs of 06/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	04/01/2018	17.06	05/01/2018	07.27	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	05/01/2018	17.49		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	01/01/2018	18.05	05/01/2018	09.17	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/01/2018	08.48	03/01/2018	Continued.	PO	replacement of line insulators RFC-19,18.
Karad - Jaigad - II	IntraState	03/01/2018	16.41	05/01/2018	09.19	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	04/01/2018	18.30	05/01/2018	07.23	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	05/01/2018	08.09	05/01/2018	14.55	PO	Insulator Replacement Work
Lonikand2-Lonikand1 (Intrconector)	IntraState	05/01/2018	10.57	05/01/2018	20.47	PO	Routine Maintenance Work
Chandrapur-II - Nanded ckt II	IntraState	05/01/2018	12.51	05/01/2018	15.50	T	DT RECEIVED.
karad -kolhapur-II	IntraState	05/01/2018	17.29		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/01/2018	17.36		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/01/2018	17.57	06/01/2018	06.03	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/01/2018	21.15	06/01/2018	06.13	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT 2 @ Chandrapur	IntraState	05/01/2018	09.42	05/01/2018	19.48	PO	Routine Maintenance Work
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	05/01/2018	10.21	05/01/2018	19.01	PO	Routine Maintenance Work
400/220kv 315 MVA ICT-III@Padgha	IntraState	05/01/2018	13.39	05/01/2018	19.06	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	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
Adlabs - Pedambe	IntraState	05/01/2018	06.24	05/01/2018	20.05	T	Distance Protection
Trombay - Mulund	IntraState	05/01/2018	07.15	05/01/2018	13.09	PO	JUMPER REPLACEMENT WORK ON LOC NO.24.
Kandalgaon - Sona Alloys	IntraState	05/01/2018	08.10	05/01/2018	20.15	PO	DAMAGE CONDUCTOR REPLACEMENT WORK.
Padghe-Kamba II	IntraState	05/01/2018	09.42	05/01/2018	17.44	PO	BUS MAINTENANCE WORK.
Bus Section II @ Kamba	IntraState	05/01/2018	09.42	05/01/2018	17.30	PO	BUS MAINTENANCE WORK.
Uran - Hoc 1	IntraState	05/01/2018	10.17	05/01/2018	16.52	PO	Attending Hot Spot
Taloja li - OCIL-II	IntraState	05/01/2018	11.30	05/01/2018	16.50	PO	Routine Maintenance Work
Karad - Vita Ckt- I	IntraState	05/01/2018	12.20	05/01/2018	15.09	PO	CT TAN DELTA MEASUREMENT.
Karad - Vita Ckt- II	IntraState	05/01/2018	15.13	05/01/2018	17.28	PO	CT TAN DELTA MEASUREMENT.
Bus section I @220KV Taloja S/st	IntraState	05/01/2018	15.30	05/01/2018	18.45	PO	CT TAN DELTA MEASUREMENT.
220 KV ICT Outages/Trippings							

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 05/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 06/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
220/33KV 100MVA ICT- 1@Anjangaon	IntraState	01/01/2018	12.47		Continued.	T	OSR tripped, LV directional E/F.
132/33 Kv 50 Mva T&R Ptr 1 @Satana	IntraState	05/01/2018	09.25		Continued.	PO	Routine Maintenance Work
220/22 Kv 50 Mva Imp Ptr 1 @Airoli Knowledge Park	IntraState	05/01/2018	10.35	05/01/2018	18.38	PO	Routine Maintenance Work
220/100 Kv 200 MVA ICT I @Pal- Dombivali	IntraState	05/01/2018	10.55	05/01/2018	18.52	PO	Routine Maintenance Work
220/132 kV 200 Mva ICT-II @Boisar- li	IntraState	05/01/2018	10.58	05/01/2018	17.28	PO	REPLACEMENT OF PRV.