

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Jan/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.459	2039.899	1) Gujrat	-2.451	-54.396
2) Hydro	12.055	172.826	2) Madhya Pradesh	9.687	115.906
3) Gas	10.290	183.221	3) Chattisgarh	4.370	82.550
Total MSPGCL	142.804	2395.946	4) Maharashtra Net	62.519	1327.741
B) 1) APML	44.542	859.754	5) Goa (Amona)	-0.374	-9.111
2) JSWEL	26.530	402.120	6) TAPS 1&2 Injection	3.671	66.212
3) VIPL	5.449	177.136	7) RGPPL Injection	6.200	107.511
4) RPL(AMT)	24.012	419.178	8) Pench (MS)	0.398	7.875
5) WPCL	4.804	82.384	9) Pench (Excess)	-0.398	-7.875
6) Other IPP	10.052	186.611	Total	83.224	1628.538
C) 1) TPCL Thermal	12.680	250.172	a) Mumbai Schedule	9.981	256.468
2) TPCL Hydro	3.353	38.338	b) Mumbai Drawl	22.012	400.068
3) TPCL Gas	3.554	67.586	c) MSEDCL Bilateral *	25.258	382.998
4) R-INFRA Thermal	4.880	107.944	Include PX	-5.539	-93.171
D) STATE			d) Mumbai Bilateral *	9.981	256.468
1) Thermal	253.408	4525.198	Include PX	2.089	38.582
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	15.408	211.164	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	13.844	250.807	1) MSEDCL	326.787	5829.976
4) Wind	6.431	58.843	2) Mumbai Discoms	46.479	864.119
6) SOLAR	0.951	19.534	TOTAL STATE	373.266	6694.095
TOTAL STATE	290.042	5065.546			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5167	5142	5017	4857
MSPGCL Hydro	1238	375	833	80
MSPGCL Gas	372	399	441	461
MSPGCL Total Generation	6777	5916	6291	5398
Central Sector Receipt	5258	5074	3821	1419
WIND	72	160	359	232
CPP / IPP	4972	4933	4788	4721
SOLAR	120	160	0	0
Exchange with Mumbai	-1136	-1209	-1331	-371
MSEDCL DEMAND MET	16063	15034	13928	11399
Load Shedding	12	12	9	9
MSEDCL DEMAND	16075	15046	13937	11408
TPCL GENERATION	1079	996	760	667
R-INFRA GENERATION	203	203	203	203
MUMBAI DEMAND	2418	2408	2294	1241
STATE DEMAND MET	18481	17442	16222	12640
STATE DEMAND	18493	17454	16231	12649
Frequency (Hz)	49.97	49.97	49.90	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.01 Hrs	49.71 Hz at 07.20 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 18/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.46	42.08	154	140
Unit 6	0.00	0.00	0	0
Unit 7	3.86	63.87	175	150
Unit 8	11.82	95.68	505	480
Total	19.14	201.63		
Bhusawal				
Unit 2	4.12	69.86	175	160
Unit 3	4.17	74.45	180	160
Unit 4	9.48	175.61	410	385
Unit 5	9.54	176.48	410	385
Total	27.31	496.40		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	33.88	0	0
Unit 3	4.10	74.95	178	165
Unit 4	4.30	77.62	186	169
Unit 5	0.00	0.00	0	0
Unit 6	9.23	166.52	400	360
Unit 7	9.74	175.18	420	380
Total	27.37	528.16		
Paras				
Unit 3	2.91	70.67	215	0
Unit 4	4.84	87.78	213	194
Total	7.75	158.46		
Khaparkheda				
Unit 1	3.86	68.56	165	140
Unit 2	4.10	73.74	175	165
Unit 3	4.03	72.83	172	163
Unit 4	3.93	65.06	172	154
Unit 5	9.49	170.25	410	366
Total	25.41	450.46		
Nasik				
Unit 3	4.60	72.80	200	180
Unit 4	4.33	58.15	188	174
Unit 5	4.57	73.84	196	184
Total	13.49	204.79		
Uran				
All Units	10.29	183.22	475	331
Total	10.29	183.22		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.40	7.88	24	11
Total	0.40	7.88		
Koyna				
Stage 1-2	4.47	62.10	470	40
Stage 4	2.46	38.29	474	0
Stage 3	2.20	22.33	160	0
Total	9.13	122.72		
Hydro				
KDPH	0.00	6.42	0	0
VTRNA	0.65	10.90	61	0
TILLARI	0.00	1.48	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	2.22	43	0
RNGR+BHTSA	0.26	3.80	14	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	10.34	17	16
GHATGHAR	1.55	14.94	250	0
Total	2.92	50.11		
Wind				
Total	6.43	58.84	0	0
Total	6.43	58.84		
CPP				
APML(Mus)	44.54	859.75	0	0
JSWEL(Mus)	26.53	402.12	0	0
VIPL(Mus)	5.45	177.14	0	0
RPLAMT(Mus)	24.01	419.18	0	0
WPCL(Mus)	4.80	82.38	0	0
Other(Mus)	10.05	186.61	0	0
Total	115.39	2127.18		
SOLAR				
Total	0.95	19.53	0	0
Total	0.95	19.53		
Tata				
Trombay 5	7.72	155.27	343	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.14	42.44	105	65
Trombay 7B	1.41	25.14	64	50
Trombay 8	4.96	94.90	221	195
TATA Hydro	3.35	38.34	422	0
Total	19.59	356.10		
R-INFRA				
1-2	4.88	107.94	206	202
Total	4.88	107.94		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	120.46	2039.90
MSPGCL Thml+Gas	130.75	2223.12

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	12.06	172.83
MSPGCL Total	142.80	2395.95

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.93	100.39
State Total	290.04	5065.55

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 18/Jan/2016

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													
1	4880	285	469	5634	423	4868	0	1497	1690	-568	12047	9	12056	1434	13490	50.02
2	4840	295	469	5604	377	4777	0	1629	1481	-448	11791	9	11800	1317	13117	49.99
3	4848	90	471	5409	289	4727	0	1604	1596	-390	11631	9	11640	1259	12899	50.00
4	4857	80	461	5398	232	4721	0	1598	1419	-371	11399	9	11408	1241	12649	49.99
5	4845	451	470	5766	171	4705	0	1400	1664	-386	11920	9	11929	1257	13186	49.98
6	4822	560	475	5857	157	4717	0	2209	2352	-512	12571	12	12583	1385	13968	49.95
7	4892	400	459	5751	148	4731	0	3799	3846	-696	13780	12	13792	1579	15371	49.92
8	5035	832	459	6326	115	4745	3	4505	5028	-701	15516	12	15528	1735	17263	49.89
9	5077	1261	341	6679	50	4795	34	4743	5004	-889	15673	12	15685	1979	17664	49.94
10	5110	1481	331	6922	49	4846	83	4850	5116	-1058	15958	12	15970	2254	18224	49.96
11	5167	1238	372	6777	72	4972	120	4922	5258	-1136	16063	12	16075	2418	18493	49.97
12	5137	868	379	6384	114	4955	146	4936	5099	-1138	15560	12	15572	2452	18024	49.94
13	5142	375	399	5916	160	4933	160	4902	5074	-1209	15034	12	15046	2408	17454	49.97
14	5104	245	410	5759	187	4947	127	4651	4622	-1115	14527	12	14539	2293	16832	50.00
15	5108	281	393	5782	298	4815	167	4490	4678	-1075	14665	9	14674	2303	16977	49.95
16	5124	118	406	5648	350	4802	53	4487	4661	-1059	14455	9	14464	2303	16767	49.99
17	5135	283	420	5838	336	4807	47	3926	4284	-1134	14178	9	14187	2289	16476	49.95
18	5127	579	421	6127	438	4813	11	2835	2873	-1305	12957	9	12966	2262	15228	49.94
19	5081	444	444	5969	409	4796	0	3565	3813	-1344	13643	9	13652	2295	15947	49.91
20	5017	833	441	6291	359	4788	0	3865	3821	-1331	13928	9	13937	2294	16231	49.90
21	5028	229	427	5684	431	4804	0	3404	3606	-1263	13262	9	13271	2198	15469	49.92
22	5033	464	452	5949	493	4775	0	2385	2502	-1162	12557	9	12566	2033	14599	49.96
23	5025	220	455	5700	432	4788	0	1859	1896	-939	11877	9	11886	1838	13724	49.95
24	5025	143	466	5634	341	4764	0	1965	1872	-783	11828	9	11837	1653	13490	50.02
MUs	120.46	12.05	10.29	142.80	6.43	115.39	0.95	80.03	83.25	-22.01	326.82	0.24	327.06	46.48	373.54	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 18/Jan/2016

Position as on 6.30 Hrs of 19/Jan/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
RINFRA-G	REL Unit 1	250	03/01/2016	23.46		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		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	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
IPP	Adani U-4	660	14/12/2015	06.55		Continued.	Hot air line leakage	
MSPGCL	Chandrapur Unit 5	500	27/12/2015	18.50		Continued.	Capital Overhaul.	
MSPGCL	Koyana STG-IV Unit-3	250	06/01/2016	11.00		Continued.	Spherical Valve Problem	
CPP	WPCL U-1	135	07/01/2016	02.00		Continued.	Withdrawn, changeover to Unit-3	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	17/01/2016	12.04	18/01/2016	06.23	P.A. Fan Problem.	
MSPGCL	Uran Unit 6	108	17/01/2016	20.07		Continued.	Gas shortage	
IPP	VIPL U-2	300	18/01/2016	01.30		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 19/Jan/2016

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							
Dhule Sar'Sarovar I	InterState	17/01/2016	16.41	18/01/2016	06.48	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	17/01/2016	16.52	18/01/2016	07.14	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	18/01/2016	17.05		Continued.	T	Over Voltage
Dhule Sar'Sarovar I	InterState	18/01/2016	17.40	19/01/2016	06.52	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Babhaleshwar-Taptitanda ckt-II	IntraState	09/01/2016	11.53		Continued.	PO	Change Over.
karad -kolhapur-II	IntraState	13/01/2016	16.10		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	13/01/2016	16.14	18/01/2016	09.47	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/01/2016	15.22	18/01/2016	06.57	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/01/2016	16.39	18/01/2016	09.50	HT	Over Voltage
karad -kolhapur-II	IntraState	18/01/2016	12.15		Continued.	OO	Line Maintenance work (RFC at 18:00)
Karad - Jaigad - II	IntraState	18/01/2016	16.11		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	18/01/2016	16.17	19/01/2016	06.21	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	18/01/2016	20.39		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
400/220/33 Kv 105 MVA Spare ICT @Kharghar	IntraState	18/01/2016	09.38	18/01/2016	18.55	PO	Testing Work
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	18/01/2016	09.38	18/01/2016	18.28	PO	Insulator Replacement Work
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Parli 2-(Girwali) -Murud	IntraState	31/12/2015	10.15		Continued.	PO	Replacement of Bus and Line side Isolator
Dahanu Versova	IntraState	04/01/2016	08.35		Continued.	PO	Dismantling of broad base tower & Erection of narrow base tower.
Boisar Versova Line	IntraState	04/01/2016	08.47		Continued.	PO	Dismantling of broad base tower & Erection of narrow base tower.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Apta - Kalwa	IntraState	15/01/2016	08.02		Continued.	PO	Rusted Cross Arm replacement(For 3 Days)
Kalwa - Taloja	IntraState	15/01/2016	08.05		Continued.	PO	Rusted Cross Arm replacement(For 3 Days)
Apta - Hoc	IntraState	18/01/2016	12.48	18/01/2016	13.23	PO	Line Maintenance work
Urse-Chinchwad	IntraState	18/01/2016	13.47	18/01/2016	14.58	T	Urse end only on LBB Indication.
Trombay - Kalwa	IntraState	18/01/2016	18.35		Continued.	T	Distance Protection
220KV Theur- NandedCity	IntraState	18/01/2016	22.13	19/01/2016	02.03	PO	Attending Hot Spot
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	19/01/2016	02.15	19/01/2016	02.50	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	07/01/2016	05.10		Continued.	T	Failure of 33KV Spare Breaker

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