

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Jan/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.101	2515.065	1) Gujrat	-4.820	-65.588
2) Hydro	5.030	204.778	2) Madhya Pradesh	4.780	142.241
3) Gas	6.182	218.642	3) Chattisgarh	4.790	102.430
Total MSPGCL	129.313	2938.485	4) Maharashtra Net	54.498	1572.916
B) 1) APLM	45.856	1044.358	5) Goa (Amona)	-0.516	-11.131
2) JSWEL	26.585	506.824	6) TAPS 1&2 Injection	3.676	80.925
3) VIPL	10.101	206.381	7) RGPPL Injection	8.013	133.843
4) RPL(AMT)	23.725	513.648	8) Pench (MS)	0.396	9.551
5) WPCL	4.356	100.491	9) Pench (Excess)	-0.396	-9.551
6) Other IPP	10.559	228.058	Total	70.025	1946.085
C) 1) TPCL Thermal	12.694	300.513	a) Mumbai Schedule	12.352	305.377
2) TPCL Hydro	2.359	48.632	b) Mumbai Drawl	19.667	486.675
3) TPCL Gas	2.167	79.992	c) MSEDCL Bilateral *	28.659	491.623
4) R-INFRA Thermal	9.937	133.028	Include PX	-1.518	-103.661
D) STATE			d) Mumbai Bilateral *	12.352	305.377
1) Thermal	261.914	5548.366	Include PX	0.000	47.925
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	7.389	253.410	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	8.349	298.634	1) MSEDCL	313.894	7115.418
4) Wind	11.717	93.161	2) Mumbai Discoms	46.826	1048.850
6) SOLAR	1.324	24.602	TOTAL STATE	360.720	8164.268
TOTAL STATE	290.693	6218.173			

* 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	5201	5224	5073	4656
MSPGCL Hydro	222	121	428	61
MSPGCL Gas	227	233	294	234
MSPGCL Total Generation	5650	5578	5795	4951
Central Sector Receipt	4592	3978	3909	599
WIND	606	200	283	880
CPP / IPP	5371	5402	4967	4938
SOLAR	160	190	0	0
Exchange with Mumbai	-1023	-1097	-1293	-207
MSEDCL DEMAND MET	15356	14251	13661	11161
Load Shedding	13	13	9	9
MSEDCL DEMAND	15369	14264	13670	11170
TPCL GENERATION	991	907	660	606
R-INFRA GENERATION	408	408	406	410
MUMBAI DEMAND	2422	2412	2359	1223
STATE DEMAND MET	17778	16663	16020	12384
STATE DEMAND	17791	16676	16029	12393
Frequency (Hz)	49.92	49.96	49.94	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 05.02 Hrs	49.89 Hz at 10.17 Hrs	49.98	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 22/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	48.42	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.72	78.70	170	141
Unit 8	12.25	143.81	610	480
Total	15.97	270.93		
Bhusawal				
Unit 2	4.09	86.23	175	160
Unit 3	4.13	90.89	180	165
Unit 4	9.50	213.30	410	380
Unit 5	9.43	214.12	420	380
Total	27.16	604.54		
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	4.08	91.29	184	163
Unit 4	4.15	94.51	184	163
Unit 5	0.00	0.00	0	0
Unit 6	9.62	204.55	405	394
Unit 7	9.18	212.48	397	375
Total	27.04	636.71		
Paras				
Unit 3	5.33	90.12	249	186
Unit 4	5.44	107.62	258	190
Total	10.77	197.74		
Khaparkheda				
Unit 1	3.78	83.70	165	145
Unit 2	3.99	90.03	175	160
Unit 3	3.94	88.54	169	160
Unit 4	2.37	75.01	168	0
Unit 5	9.53	208.76	500	360
Total	23.61	546.04		
Nasik				
Unit 3	4.57	91.24	200	175
Unit 4	4.47	75.78	197	168
Unit 5	4.52	92.09	195	168
Total	13.56	259.11		
Uran				
All Units	6.18	218.64	323	207
Total	6.18	218.64		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.40	9.55	20	13
Total	0.40	9.55		
Koyna				
Stage 1-2	2.34	75.31	460	40
Stage 4	0.00	42.57	0	0
Stage 3	0.30	25.79	80	0
Total	2.64	143.67		
Hydro				
KDPH	0.48	6.91	38	0
VTRNA	0.59	13.40	61	0
TILLARI	0.00	1.48	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	2.64	43	0
RNGR+BHTSA	0.24	4.77	14	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	11.61	16	16
GHATGHAR	0.61	20.29	125	0
Total	2.39	61.11		
Wind				
Total	11.72	93.16	0	0
Total	11.72	93.16		
CPP				
APML(Mus)	45.86	1044.36	0	0
JSWEL(Mus)	26.58	506.82	0	0
VIPL(Mus)	10.10	206.38	0	0
RPLAMT(Mus)	23.72	513.65	0	0
WPCL(Mus)	4.36	100.49	0	0
Other(Mus)	10.56	228.06	0	0
Total	121.18	2599.76		
SOLAR				
Total	1.32	24.60	0	0
Total	1.32	24.60		
Tata				
Trombay 5	7.58	185.70	317	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.19	49.78	50	46
Trombay 7B	0.98	30.22	42	39
Trombay 8	5.12	114.81	223	200
TATA Hydro	2.36	48.63	394	4
Total	17.22	429.14		
R-INFRA				
1-2	9.94	133.03	462	391
Total	9.94	133.03		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	118.10	2515.06
MSPGCL Thml+Gas	124.28	2733.71

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.03	204.78
MSPGCL Total	129.31	2938.48

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.34	117.88
State Total	290.69	6218.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/Jan/2016

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	4671	61	234	4966	837	4936	0	1130	1073	-437	11375	9	11384	1449	12833	50.01
2	4646	61	234	4941	857	4938	0	1100	643	-294	11085	9	11094	1324	12418	50.03
3	4648	61	233	4942	877	4938	0	1107	636	-238	11155	9	11164	1263	12427	50.06
4	4656	61	234	4951	880	4938	0	1104	599	-207	11161	9	11170	1223	12393	50.02
5	4662	61	235	4958	874	4935	0	1001	755	-229	11293	9	11302	1241	12543	50.03
6	4668	211	231	5110	937	4902	0	1240	1612	-370	12191	13	12204	1384	13588	50.04
7	4677	181	230	5088	931	4927	1	3098	3080	-580	13447	13	13460	1597	15057	49.94
8	4715	458	230	5403	779	4956	11	4074	4448	-735	14862	13	14875	1768	16643	49.91
9	4831	630	227	5688	661	5264	62	4491	4306	-848	15133	13	15146	2019	17165	49.96
10	4988	408	241	5637	618	5378	125	4498	4178	-899	15037	13	15050	2278	17328	49.93
11	5201	222	227	5650	606	5371	160	4422	4592	-1023	15356	13	15369	2422	17791	49.92
12	5209	176	207	5592	378	5492	186	4359	4137	-1000	14785	13	14798	2428	17226	49.97
13	5224	121	233	5578	200	5402	190	4385	3978	-1097	14251	13	14264	2412	16676	49.96
14	5135	121	272	5528	79	5175	185	4211	4314	-999	14282	13	14295	2279	16574	49.99
15	5021	134	269	5424	40	5007	166	3961	4252	-979	13910	9	13919	2301	16220	50.00
16	5071	247	283	5601	40	4956	131	3885	4101	-1052	13777	9	13786	2308	16094	49.94
17	5078	307	287	5672	41	4955	81	3830	3757	-1174	13332	9	13341	2318	15659	49.99
18	5066	191	291	5548	59	4949	26	2986	3192	-1244	12530	9	12539	2328	14867	50.03
19	5095	260	289	5644	162	4958	0	3490	3726	-1250	13240	9	13249	2364	15613	49.94
20	5073	428	294	5795	283	4967	0	3727	3909	-1293	13661	9	13670	2359	16029	49.94
21	5054	201	289	5544	297	4978	0	3348	3397	-1170	13046	9	13055	2182	15237	49.95
22	4953	173	294	5420	287	4983	0	2510	2319	-1034	11975	9	11984	2033	14017	49.95
23	4882	138	295	5315	404	4949	0	1810	1637	-829	11476	9	11485	1843	13328	49.93
24	4877	118	323	5318	590	4927	0	1280	1384	-686	11533	9	11542	1701	13243	49.99
MUs	118.10	5.03	6.18	129.31	11.72	121.18	1.32	71.05	70.02	-19.67	313.89	0.25	314.15	46.82	360.97	49.98

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 22/Jan/2016

Position as on 6.30 Hrs of 23/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	
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	22/01/2016	09.26	Water 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	22/01/2016	09.26	Water 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	Uran Unit 5	108	19/01/2016	14.34		Continued.	Overhauling	
MSPGCL	Khaparkheda Unit 4	210	20/01/2016	21.07	22/01/2016	08.11	Turbine gland box bolt broken	
MSPGCL	Uran Unit 7	108	20/01/2016	22.07		Continued.	Gas shortage	
MSPGCL	Koradi Unit 5	200	20/01/2016	22.11		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	23/01/2016	00.22		Continued.	Under Reserved Shut Down	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 23/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	21/01/2016	18.22	22/01/2016	07.23	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	21/01/2016	20.43	22/01/2016	07.23	HT	Over Voltage
Parli(MS)-Parli (PG) II	InterState	22/01/2016	11.54	22/01/2016	18.24	PO	Line Maintenance work
Padgha Tarapur I	InterState	22/01/2016	12.12	22/01/2016	18.31	PO	Line Maintenance work
Kolhapur Solapur(PG) I	InterState	22/01/2016	18.05		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	22/01/2016	18.06		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	23/01/2016	03.03		Continued.	T	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Karad - Jaigad - II	IntraState	18/01/2016	16.11		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	20/01/2016	10.39		Continued.	PO	Balnce line Rectification work
Koradi-India Bulls	IntraState	20/01/2016	11.40		Continued.	PO	Taken on TBC work isolator repair & alignment
karad -kolhapur-II	IntraState	20/01/2016	16.07	22/01/2016	10.12	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/01/2016	17.17	22/01/2016	07.54	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	21/01/2016	17.42	22/01/2016	09.47	HT	Over Voltage
karad -kolhapur-I	IntraState	22/01/2016	16.08		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	22/01/2016	16.42		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/01/2016	17.07		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 Kv 600 MVA ICT-IV @Padghe	IntraState	22/01/2016	01.11	22/01/2016	06.49	EO	To attend Hot Spot
400/220/33 Kv 315 Mva ICT I @Akola	IntraState	22/01/2016	08.29	22/01/2016	20.17	PO	Attending Oil Leakage
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	22/01/2016	12.34	22/01/2016	18.23	PO	Distance Relay Testing Work
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	22/01/2016	09.19	22/01/2016	19.20	PO	Line Maintenance 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.
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.
Padgha - Temghar I	IntraState	22/01/2016	00.19	22/01/2016	06.58	HT	To avail outage on ICT-IV at Padgha
Padgha-Temghar-II	IntraState	22/01/2016	00.21	22/01/2016	06.58	HT	To avail outage on ICT-IV at Padgha
Padghe - Jindal	IntraState	22/01/2016	00.58	22/01/2016	06.56	HT	To avail outage on ICT-IV at Padgha
Bombay Dyeing - Sahara	IntraState	22/01/2016	02.32	22/01/2016	04.59	T	Backup protection at Sahara end
Sahara-Urse	IntraState	22/01/2016	02.32	22/01/2016	04.21	T	Backup protection at Sahara end
Osmanabad - Barshi	IntraState	22/01/2016	06.50	22/01/2016	07.29	T	Distance Protection
Colourchem - Temghar	IntraState	22/01/2016	08.41	22/01/2016	17.25	PO	Distance Relay Testing Work
Jambhul - Pal	IntraState	22/01/2016	10.00	22/01/2016	17.38	PO	Insulator Replacement Work
Apta - Taloja	IntraState	22/01/2016	10.06	22/01/2016	13.46	PO	CT Replacement at Apta
Mumewadi -Halkarni II	IntraState	22/01/2016	10.20	22/01/2016	18.16	PO	Line Maintenance work

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 22/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 23/Jan/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ambazari-Kalmeshwar	IntraState	22/01/2016	10.40	22/01/2016	12.33	PO	Tan Delta Measurment of CTs
Pedhambe - Oni	IntraState	22/01/2016	12.28	22/01/2016	13.00	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
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	22/01/2016	07.24	22/01/2016	16.12	PO	Testing Work
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	22/01/2016	09.16	22/01/2016	18.51	PO	Testing Work
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	22/01/2016	10.00	22/01/2016	17.10	PO	Quarterly Maintainance Work
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	22/01/2016	10.32	22/01/2016	17.27	PO	Testing Work
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	22/01/2016	10.44	22/01/2016	17.02	PO	Attending Oil Leakage
132 KV LINE Outages/Trippings							
Kaulewada-Gondia-I	IntraState	22/01/2016	04.36	22/01/2016	04.57	T	Distance Protection

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