

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Jan/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.110	2396.964	1) Gujrat	-2.069	-60.768
2) Hydro	8.098	199.748	2) Madhya Pradesh	6.255	137.461
3) Gas	6.955	212.460	3) Chattisgarh	5.440	97.640
Total MSPGCL	130.163	2809.172	4) Maharashtra Net	59.318	1518.418
B) 1) APML	47.390	998.502	5) Goa (Amona)	-0.540	-10.615
2) JSWEL	24.525	480.239	6) TAPS 1&2 Injection	3.685	77.249
3) VIPL	8.833	196.280	7) RGPPL Injection	6.089	125.830
4) RPL(AMT)	23.210	489.923	8) Pench (MS)	0.413	9.155
5) WPCL	4.408	96.135	9) Pench (Excess)	-0.413	-9.155
6) Other IPP	10.502	217.499	Total	77.765	1876.060
C) 1) TPCL Thermal	12.812	287.819	a) Mumbai Schedule	11.860	293.025
2) TPCL Hydro	1.953	46.273	b) Mumbai Drawl	22.912	467.008
3) TPCL Gas	2.750	77.825	c) MSEDCL Bilateral *	25.565	462.963
4) R-INFRA Thermal	5.395	123.091	Include PX	-2.302	-102.143
D) STATE			d) Mumbai Bilateral *	11.860	293.025
1) Thermal	252.185	5286.452	Include PX	0.372	47.925
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	10.051	246.021	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	9.705	290.285	1) MSEDCL	316.055	6801.524
4) Wind	10.878	81.444	2) Mumbai Discoms	45.820	1002.024
6) SOLAR	1.293	23.278	TOTAL STATE	361.875	7803.548
TOTAL STATE	284.112	5927.480			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5172	5026	4696	4654
MSPGCL Hydro	365	210	999	73
MSPGCL Gas	306	296	251	308
MSPGCL Total Generation	5843	5532	5946	5035
Central Sector Receipt	4562	4606	4205	1230
WIND	625	191	194	689
CPP / IPP	5505	4898	4953	4792
SOLAR	114	194	0	0
Exchange with Mumbai	-1128	-1256	-1370	-334
MSEDCL DEMAND MET	15521	14165	13928	11412
Load Shedding	12	12	9	8
MSEDCL DEMAND	15533	14177	13937	11420
TPCL GENERATION	880	878	760	664
R-INFRA GENERATION	202	202	203	203
MUMBAI DEMAND	2210	2336	2333	1201
STATE DEMAND MET	17731	16501	16261	12613
STATE DEMAND	17743	16513	16270	12621
Frequency (Hz)	49.96	50.00	49.97	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 05:03 Hrs	49.78 Hz at 09:20 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 21/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	3.81	74.98	165	150
Unit 8	12.50	131.56	660	460
Total	16.31	254.95		
Bhusawal				
Unit 2	4.10	82.14	175	165
Unit 3	4.07	86.76	175	160
Unit 4	9.47	203.80	410	375
Unit 5	9.45	204.70	410	380
Total	27.10	577.39		
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	3.97	87.21	187	152
Unit 4	4.22	90.36	185	150
Unit 5	0.00	0.00	0	0
Unit 6	9.50	194.93	405	381
Unit 7	9.03	203.30	390	364
Total	26.71	609.68		
Paras				
Unit 3	4.83	84.80	249	185
Unit 4	4.87	102.17	254	190
Total	9.70	186.97		
Khaparkheda				
Unit 1	3.80	79.92	165	145
Unit 2	4.06	86.04	175	160
Unit 3	4.01	84.60	171	165
Unit 4	0.00	72.64	0	0
Unit 5	9.95	199.23	500	361
Total	21.82	522.42		
Nasik				
Unit 3	4.55	86.68	200	175
Unit 4	4.40	71.31	189	177
Unit 5	4.53	87.57	197	172
Total	13.47	245.55		
Uran				
All Units	6.96	212.46	330	240
Total	6.96	212.46		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.41	9.16	24	10
Total	0.41	9.16		
Koyna				
Stage 1-2	3.00	72.96	400	40
Stage 4	0.56	42.57	328	0
Stage 3	1.03	25.50	160	0
Total	4.59	141.03		
Hydro				
KDPH	0.00	6.42	0	0
VTRNA	0.67	12.81	61	0
TILLARI	0.00	1.48	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	2.56	77	0
RNGR+BHTSA	0.24	4.53	14	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.33	11.23	14	13
GHATGHAR	2.14	19.68	250	0
Total	3.51	58.72		
Wind				
Total	10.88	81.44	0	0
Total	10.88	81.44		
CPP				
APML(Mus)	47.39	998.50	0	0
JSWEL(Mus)	24.52	480.24	0	0
VIPL(Mus)	8.83	196.28	0	0
RPLAMT(Mus)	23.21	489.92	0	0
WPCL(Mus)	4.41	96.14	0	0
Other(Mus)	10.50	217.50	0	0
Total	118.87	2478.58		
SOLAR				
Total	1.29	23.28	0	0
Total	1.29	23.28		
Tata				
Trombay 5	7.70	178.13	347	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.57	48.59	91	48
Trombay 7B	1.18	29.24	59	40
Trombay 8	5.11	109.69	248	195
TATA Hydro	1.95	46.27	267	0
Total	17.52	411.92		
R-INFRA				
1-2	5.40	123.09	408	202
Total	5.40	123.09		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	115.11	2396.96
MSPGCL Thml+Gas	122.06	2609.42

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.10	199.75
MSPGCL Total	130.16	2809.17

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.56	115.54
State Total	284.11	5927.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	4700	68	309	5077	563	4751	0	1742	1652	-552	11491	9	11500	1419	12919	50.04
2	4644	68	308	5020	620	4776	0	1603	1508	-424	11500	8	11508	1291	12799	49.99
3	4656	73	319	5048	693	4776	0	1469	1422	-365	11574	8	11582	1233	12815	50.00
4	4654	73	308	5035	689	4792	0	1305	1230	-334	11412	8	11420	1201	12621	50.03
5	4663	68	330	5061	744	4810	0	1318	1423	-351	11687	8	11695	1217	12912	50.01
6	4674	118	310	5102	773	4835	0	1937	2137	-485	12362	12	12374	1348	13722	50.01
7	4754	98	320	5172	834	4957	0	3489	3459	-688	13734	12	13746	1542	15288	49.97
8	4842	344	307	5493	787	5215	6	4154	4151	-892	14760	12	14772	1743	16515	49.96
9	5055	404	329	5788	731	5566	50	4546	4317	-1016	15436	12	15448	1949	17397	49.99
10	5172	365	306	5843	625	5505	114	4642	4562	-1128	15521	12	15533	2210	17743	49.96
11	5109	346	305	5760	528	5331	161	4694	4541	-1250	15071	12	15083	2355	17438	49.99
12	5062	254	291	5607	397	5197	189	4642	4599	-1285	14704	12	14716	2383	17099	50.01
13	5026	210	296	5532	191	4898	194	4574	4606	-1256	14165	12	14177	2336	16513	50.00
14	4836	193	287	5316	72	4863	189	4558	4530	-1139	13831	13	13844	2206	16050	50.03
15	4798	472	285	5555	42	4795	162	4341	4486	-1165	13875	9	13884	2237	16121	49.99
16	4799	687	289	5775	18	4770	127	4416	4646	-1265	14071	9	14080	2250	16330	49.96
17	4777	608	280	5665	24	4744	82	4259	4335	-1347	13503	9	13512	2255	15767	49.95
18	4753	814	256	5823	49	4779	19	3081	3440	-1343	12767	9	12776	2259	15035	49.99
19	4711	1004	274	5989	81	4775	0	3550	3672	-1383	13134	9	13143	2315	15458	49.94
20	4696	999	251	5946	194	4953	0	3955	4205	-1370	13928	9	13937	2333	16270	49.97
21	4687	334	252	5273	381	4951	0	3579	3546	-1304	12847	9	12856	2236	15092	49.98
22	4691	285	240	5216	396	4956	0	2952	2663	-1077	12154	9	12163	2028	14191	50.02
23	4685	129	255	5069	666	4946	0	2337	1672	-884	11469	9	11478	1855	13333	50.01
24	4666	84	248	4998	780	4928	0	1568	963	-609	11060	9	11069	1621	12690	50.06
MUs	115.11	8.10	6.95	130.16	10.88	118.87	1.29	78.71	77.77	-22.91	316.06	0.24	316.30	45.82	362.12	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 21/Jan/2016

Position as on 6.30 Hrs of 22/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	21/01/2016	20.00	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	
IPP	VIPL U-2	300	18/01/2016	01.30	21/01/2016	05.17	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	19/01/2016	14.34		Continued.	Overhauling	
MSPGCL	Khaparkhedda Unit 4	210	20/01/2016	21.07		Continued.	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	
IPP	RPL(AMT) U-3	270	21/01/2016	11.49	21/01/2016	13.49	Boiler Motorised control tripped	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 22/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							
Chandrapur II - Dhariwal -I	InterState	20/01/2016	13.13	21/01/2016	13.18	PO	Fixing of interface meter & corana ring/spacer to line
Kolhapur Solapur (PG) II	InterState	20/01/2016	16.33	21/01/2016	07.28	T	Over Voltage
Dhule Sar'Sarovar I	InterState	20/01/2016	18.16	21/01/2016	07.23	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	21/01/2016	09.45	21/01/2016	21.33	PO	Jumper Tightening work
Dhule Sar'Sarovar I	InterState	21/01/2016	18.22		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	21/01/2016	20.43		Continued.	HT	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		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	20/01/2016	17.03	21/01/2016	07.39	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	20/01/2016	21.14	21/01/2016	09.54	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/01/2016	17.17		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	21/01/2016	17.42		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
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	21/01/2016	08.31	21/01/2016	23.20	PO	Line Crossing work of PGCIL
Nasik Navsari II	InterState	21/01/2016	08.33	21/01/2016	19.19	PO	Line Crossing work of PGCIL
Talandage - Chikodi	InterState	21/01/2016	09.14	21/01/2016	20.39	EO	To attend Hot Spot
Mudshingi - Chikodi	InterState	21/01/2016	09.15	21/01/2016	19.13	EO	To attend Hot Spot
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.
Dahanu Versova	IntraState	04/01/2016	08.35	21/01/2016	20.29	PO	Dismantling of broad base tower & Erection of narrow base tower.
Boisar Versova Line	IntraState	04/01/2016	08.47	21/01/2016	20.48	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.
Badnera-Akola li	IntraState	21/01/2016	08.53	21/01/2016	16.59	PO	String replacement work
Valve-Jamde	IntraState	21/01/2016	09.30	21/01/2016	17.33	PO	Line Maintenance work
Dahanu Boisar Line	IntraState	21/01/2016	09.53	21/01/2016	20.15	PO	Temp.New line taken in service
Nanded - Parli Ext. Ckt II	IntraState	21/01/2016	10.35	21/01/2016	16.14	EO	Repl.of Broken Disc
Adlabs - Pedambe	IntraState	21/01/2016	12.00	21/01/2016	16.13	EO	To replace String
Urse-Chinchwad	IntraState	21/01/2016	12.03	21/01/2016	18.55	PO	Dismantalling of Existing Tower
Flagship-Chinchwad	IntraState	21/01/2016	12.08	21/01/2016	17.00	PO	To replacement switch of own CB(Shifted on TBC)
Sahara-Urse	IntraState	21/01/2016	12.26	21/01/2016	18.51	PO	Hot Spot at Urse Bus Section Isolator
TALEGAON - TALEGAON (PG)	IntraState	21/01/2016	12.47	21/01/2016	18.13	PO	Diagnostic testing 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 21/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 22/Jan/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Urse - Talegaon (Ambi) Ckt 1	IntraState	21/01/2016	12.55	21/01/2016	18.40	PO	Hot Spot at Urse Bus Section Isolator
Urse - Talegaon (Ambi) Ckt 2	IntraState	21/01/2016	13.19	21/01/2016	18.50	PO	Hot Spot at Urse Bus Section Isolator
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
Sahara-Urse	IntraState	22/01/2016	02.32	22/01/2016	04.21	T	Backup protection at Sahara end
Bombay Dyeing - Sahara	IntraState	22/01/2016	02.32	22/01/2016	04.59	T	Backup protection at Sahara end
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/33kv 125 Mva Transformer 2 @Aarey R/S	IntraState	21/01/2016	08.57	21/01/2016	12.20	PO	LV Y Phase LA replaced
220/132 Kv 150 Mva Emco Ict 1 @Ambazari	IntraState	21/01/2016	11.15	21/01/2016	12.59	PO	Attending Oil Leakage
220/132kv 100mva Vijai Ptr No 1 @Baramati	IntraState	21/01/2016	11.48	21/01/2016	14.20	PO	Testing Work
220/132kv 100MVA ICT-2 @ Baramati	IntraState	21/01/2016	14.25	21/01/2016	16.45	PO	Testing Work

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