

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jan/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.850	2852.752	1) Gujrat	-5.033	-86.313
2) Hydro	7.495	233.683	2) Madhya Pradesh	4.521	152.786
3) Gas	7.343	240.674	3) Chattisgarh	1.670	112.550
Total MSPGCL	130.688	3327.109	4) Maharashtra Net	58.244	1744.883
B) 1) APML	54.746	1187.442	5) Goa (Amona)	-0.456	-12.539
2) JSWEL	21.405	573.808	6) TAPS 1&2 Injection	3.719	92.006
3) VIPL	10.901	239.903	7) RGPPL Injection	11.661	168.883
4) RPL(AMT)	24.953	589.589	8) Pench (MS)	0.431	10.961
5) WPCL	4.759	113.909	9) Pench (Excess)	-0.431	-10.961
6) Other IPP	10.247	259.267	Total	73.895	2161.295
C) 1) TPCL Thermal	13.770	342.943	a) Mumbai Schedule	12.100	344.046
2) TPCL Hydro	2.648	53.042	b) Mumbai Drawl	17.430	531.581
3) TPCL Gas	3.381	89.663	c) MSEDCL Bilateral *	15.595	547.479
4) R-INFRA Thermal	10.471	164.566	Include PX	-9.688	-125.466
D) STATE			d) Mumbai Bilateral *	12.100	344.046
1) Thermal	267.102	6324.179	Include PX	-0.229	47.322
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	10.143	286.725	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.724	330.337	1) MSEDCL	320.210	8061.807
4) Wind	4.819	112.806	2) Mumbai Discoms	47.700	1181.805
6) SOLAR	1.227	28.260	TOTAL STATE	367.910	9243.612
TOTAL STATE	294.015	7082.307			

* 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	5114	5071	4831	4698
MSPGCL Hydro	666	108	453	94
MSPGCL Gas	310	295	303	314
MSPGCL Total Generation	6090	5474	5587	5106
Central Sector Receipt	3987	3896	3532	1471
WIND	84	59	256	309
CPP / IPP	6013	5804	5489	4683
SOLAR	117	181	0	0
Exchange with Mumbai	-624	-725	-1140	-232
MSEDCL DEMAND MET	15667	14689	13724	11337
Load Shedding	13	13	9	9
MSEDCL DEMAND	15680	14702	13733	11346
TPCL GENERATION	1168	1234	739	634
R-INFRA GENERATION	518	518	405	405
MUMBAI DEMAND	2310	2477	2284	1271
STATE DEMAND MET	17977	17166	16008	12608
STATE DEMAND	17990	17179	16017	12617
Frequency (Hz)	49.96	49.97	49.95	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.07 Hrs	49.75 Hz at 20.34 Hrs	49.97	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 25/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	3.57	89.61	170	128
Unit 8	13.91	179.85	661	500
Total	17.48	317.87		
Bhusawal				
Unit 2	4.14	98.46	180	165
Unit 3	4.22	103.17	180	170
Unit 4	9.51	240.06	420	380
Unit 5	9.48	243.21	410	380
Total	27.35	684.90		
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	4.25	103.83	205	163
Unit 4	4.28	107.28	193	170
Unit 5	0.00	0.00	0	0
Unit 6	9.69	233.53	435	376
Unit 7	9.47	240.90	447	370
Total	27.68	719.42		
Paras				
Unit 3	3.00	102.77	131	117
Unit 4	5.32	118.27	265	190
Total	8.32	221.04		
Khaparkheda				
Unit 1	3.78	95.00	170	135
Unit 2	3.92	101.29	170	150
Unit 3	4.08	100.81	180	165
Unit 4	4.00	87.01	174	159
Unit 5	10.82	240.54	510	375
Total	26.60	624.64		
Nasik				
Unit 3	4.19	104.06	185	165
Unit 4	0.00	75.82	0	0
Unit 5	4.22	105.00	188	161
Total	8.41	284.88		
Uran				
All Units	7.34	240.67	324	281
Total	7.34	240.67		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.43	10.96	40	0
Total	0.43	10.96		
Koyna				
Stage 1-2	3.08	86.63	510	40
Stage 4	0.92	47.41	224	0
Stage 3	0.60	29.38	160	0
Total	4.60	163.42		
Hydro				
KDPH	0.44	8.88	19	18
VTRNA	0.68	15.09	61	0
TILLARI	0.00	1.48	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	2.94	80	0
RNGR+BHTSA	0.26	5.46	11	10
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.51	12.87	22	21
GHATGHAR	0.89	23.55	125	0
Total	2.90	70.26		
Wind				
Total	4.82	112.81	0	0
Total	4.82	112.81		
CPP				
APML(Mus)	54.75	1187.44	0	0
JSWEL(Mus)	21.40	573.81	0	0
VIPL(Mus)	10.90	239.90	0	0
RPLAMT(Mus)	24.95	589.59	0	0
WPCL(Mus)	4.76	113.91	0	0
Other(Mus)	10.25	259.27	0	0
Total	127.01	2963.92		
SOLAR				
Total	1.23	28.26	0	0
Total	1.23	28.26		
Tata				
Trombay 5	8.61	212.42	467	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.01	55.48	115	64
Trombay 7B	1.37	34.19	68	50
Trombay 8	5.16	130.53	249	200
TATA Hydro	2.65	53.04	341	0
Total	19.80	485.65		
R-INFRA				
1-2	10.47	164.57	519	404
Total	10.47	164.57		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	115.85	2852.75
MSPGCL Thml+Gas	123.19	3093.43

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.50	233.68
MSPGCL Total	130.69	3327.11

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.00	134.04
State Total	294.02	7082.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4681	99	314	5094	196	4684	0	2134	2036	-466	11544	9	11553	1501	13054	49.98
2	4681	89	314	5084	263	4689	0	2263	1828	-327	11537	9	11546	1369	12915	50.02
3	4696	104	324	5124	292	4671	0	2007	1637	-265	11459	9	11468	1306	12774	50.00
4	4698	94	314	5106	309	4683	0	1760	1471	-232	11337	9	11346	1271	12617	49.99
5	4661	94	314	5069	355	4670	0	1873	1846	-254	11686	9	11695	1295	12990	49.97
6	4674	149	314	5137	312	4709	0	2146	2610	-375	12393	13	12406	1414	13820	49.95
7	4667	577	316	5560	284	4947	0	2905	3025	-558	13258	13	13271	1634	14905	49.92
8	4872	991	314	6177	235	5276	6	3831	3800	-600	14894	13	14907	1826	16733	49.94
9	5063	757	324	6144	126	5671	56	3912	4091	-541	15547	13	15560	2034	17594	49.94
10	5114	666	310	6090	84	6013	117	4041	3987	-624	15667	13	15680	2310	17990	49.96
11	5114	564	297	5975	72	6063	143	4122	3950	-770	15433	13	15446	2507	17953	49.97
12	5074	350	290	5714	57	6064	183	4124	4172	-845	15345	13	15358	2513	17871	50.00
13	5071	108	295	5474	59	5804	181	4078	3896	-725	14689	13	14702	2477	17179	49.97
14	5096	90	285	5471	81	5565	178	3996	3952	-731	14516	13	14529	2363	16892	50.03
15	4914	181	295	5390	126	5556	151	3945	3928	-909	14242	9	14251	2361	16612	49.94
16	4906	217	286	5409	109	5532	123	4088	4056	-1032	14197	9	14206	2360	16566	49.97
17	4884	198	303	5385	159	5549	69	3781	3998	-1044	14116	9	14125	2347	16472	49.92
18	4811	278	302	5391	212	5515	20	2760	2901	-1135	12904	9	12913	2315	15228	49.95
19	4857	369	281	5507	220	5502	0	3285	3168	-1109	13288	9	13297	2271	15568	49.96
20	4831	453	303	5587	256	5489	0	3602	3532	-1140	13724	9	13733	2284	16017	49.95
21	4750	263	310	5323	334	5413	0	2983	3319	-1079	13310	9	13319	2157	15476	49.95
22	4594	478	313	5385	333	5204	0	2316	2315	-1033	12204	9	12213	2070	14283	50.00
23	4583	168	312	5063	197	4993	0	2360	2187	-874	11566	9	11575	1913	13488	49.98
24	4558	158	313	5029	148	4751	0	2540	2192	-762	11358	9	11367	1802	13169	49.99
MUs	115.85	7.49	7.34	130.69	4.82	127.01	1.23	74.85	73.90	-17.43	320.21	0.25	320.46	47.70	368.16	49.97

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 25/Jan/2016

Position as on 6.30 Hrs of 26/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	Chandrapur Unit 5	500	27/12/2015	18.50		Continued.	Capital Overhaul.	
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 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	
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	
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	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	
IPP	Adani U-1	660	23/01/2016	10.06		Continued.	Main Fuel Tank Tripped.	
IPP	JSW (J) U3	300	23/01/2016	13.02		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit A0	120	23/01/2016	21.16		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	23/01/2016	21.16		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 26/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	24/01/2016	14.16	25/01/2016	07.03	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	24/01/2016	21.53	25/01/2016	06.58	T	Over Voltage
Koradi Bhilai	InterState	25/01/2016	08.15	25/01/2016	19.49	PO	CB Overhauling
Kolhapur Solapur(PG) I	InterState	25/01/2016	16.19		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	25/01/2016	18.01	25/01/2016	18.48	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	25/01/2016	21.53		Continued.	T	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Babhaleshwar-Taptitanda ckt-I	IntraState	23/01/2016	07.21		Continued.	PO	Change Over.
Karad-Jaigad - I	IntraState	23/01/2016	16.09		Continued.	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	24/01/2016	07.37		Continued.	PO	Insulator String Replacement Work.(REC @ 16.35 Hrs)
Chandrapur - Khaperkheda	IntraState	24/01/2016	08.18	25/01/2016	09.54	PO	Insulator Replacement Work
karad -kolhapur-I	IntraState	24/01/2016	11.13		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/01/2016	17.03	25/01/2016	07.21	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/01/2016	17.13	25/01/2016	09.50	HT	Over Voltage
Chandrapur2-Parali 2 ckt1	IntraState	25/01/2016	15.28	25/01/2016	16.01	PO	Taking line reactor at Parly End.
Lonikand I - Koyna stage-IV	IntraState	25/01/2016	18.04		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
400/220kv 315 Mva ICT III @Karad	IntraState	25/01/2016	10.27	25/01/2016	17.25	PO	Replacement of Jumper
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	23/01/2016	13.02		Continued.	HT	Hand Tripped.
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.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Hinjawadi I- Chinchwad	IntraState	25/01/2016	09.54		Continued.	PO	For Urse-Chinchwad Outage
Miraj - Tilwani	IntraState	25/01/2016	10.02	25/01/2016	14.18	PO	Attending Hot Spot
Urse-Chinchwad	IntraState	25/01/2016	10.33		Continued.	PO	Lilo Arrangement.
Uran - Apta III	IntraState	25/01/2016	10.55	25/01/2016	12.08	PO	For PID Work.
Lonikand (400 Kv)-Theur I	IntraState	26/01/2016	04.35	26/01/2016	05.02	T	Distance Protection
Lonikand (400 Kv)-Theur II	IntraState	26/01/2016	04.35	26/01/2016	05.16	T	TBC R-ph CT Burst at Theur.
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 Bhel Ict 1 @Kalwa	IntraState	25/01/2016	07.27		Continued.	PO	HV side taken on TBC for Diagonstic testing
220/100 Kv 200 Mva Alstom Ict 2 @Apta	IntraState	25/01/2016	10.04	25/01/2016	16.05	PO	For Diagonstic Testing.
220/132 KV 200MVA Vijai ICT-2 @Theur	IntraState	25/01/2016	11.05		Continued.	PO	Attending Oil Leakage
220/100 kv 200 MVA ICT-II @Kalwa	IntraState	25/01/2016	13.45	25/01/2016	17.13	PO	Kalwa LV side ICT- II 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 25/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 26/Jan/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Waghala (Nanded2) - Narsi	IntraState	25/01/2016	04.47	25/01/2016	05.55	T	Distance Protection