

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Jan/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.444	1800.096	1) Gujrat	-5.891	-48.275
2) Hydro	10.277	155.846	2) Madhya Pradesh	5.452	99.567
3) Gas	11.315	158.916	3) Chattisgarh	4.400	74.370
Total MSPGCL	143.036	2114.858	4) Maharashtra Net	69.953	1207.316
B) 1) APML	45.918	771.242	5) Goa (Amona)	-0.536	-8.453
2) JSWEL	26.901	349.343	6) TAPS 1&2 Injection	3.662	58.874
3) VIPL	10.105	161.598	7) RGPPL Injection	5.893	95.271
4) RPL(AMT)	23.794	371.196	8) Pench (MS)	0.415	7.056
5) WPCL	4.465	73.019	9) Pench (Excess)	-0.415	-7.056
6) Other IPP	9.020	167.376	Total	82.518	1471.614
C) 1) TPCL Thermal	12.405	225.034	a) Mumbai Schedule	14.373	234.049
2) TPCL Hydro	2.237	34.739	b) Mumbai Drawl	22.071	360.478
3) TPCL Gas	4.074	60.114	c) MSEDCL Bilateral *	30.142	328.747
4) R-INFRA Thermal	4.883	98.188	Include PX	-0.385	-86.269
D) STATE			d) Mumbai Bilateral *	14.373	234.049
1) Thermal	258.935	4017.092	Include PX	2.061	36.264
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.514	190.585	H) ENERGY CATERED (MUs)		
3) Gas	15.389	219.030	1) MSEDCL	330.301	5183.671
4) Wind	5.722	46.295	2) Mumbai Discoms	45.672	778.564
6) SOLAR	0.893	17.608	TOTAL STATE	375.973	5962.235
TOTAL STATE	293.453	4490.610			

* 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 3 Hrs
MSPGCL Thermal	5040	5072	5040	5063
MSPGCL Hydro	1164	380	424	92
MSPGCL Gas	461	440	505	462
MSPGCL Total Generation	6665	5892	5969	5617
Central Sector Receipt	4894	4806	4228	1718
WIND	94	285	378	62
CPP / IPP	5406	5365	4946	4872
SOLAR	111	150	0	0
Exchange with Mumbai	-1146	-1129	-1390	-417
MSEDCL DEMAND MET	16024	15369	14131	11852
Load Shedding	14	14	9	10
MSEDCL DEMAND	16038	15383	14140	11862
TPCL GENERATION	972	961	695	695
R-INFRA GENERATION	203	203	204	203
MUMBAI DEMAND	2321	2293	2289	1315
STATE DEMAND MET	18345	17662	16420	13167
STATE DEMAND	18359	17676	16429	13177
Frequency (Hz)	49.96	49.95	49.95	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.02 Hrs	49.69 Hz at 09.12 Hrs	49.94	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 16/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.45	35.19	155	135
Unit 6	0.00	0.00	0	0
Unit 7	3.29	56.49	150	120
Unit 8	11.65	72.16	510	466
Total	18.38	163.84		
Bhusawal				
Unit 2	4.10	61.68	175	165
Unit 3	4.10	66.20	175	165
Unit 4	9.50	156.64	410	385
Unit 5	9.45	157.36	410	380
Total	27.16	441.88		
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	4.11	66.65	185	165
Unit 4	4.35	68.97	186	174
Unit 5	0.00	0.00	0	0
Unit 6	9.44	147.94	405	385
Unit 7	9.82	155.63	425	390
Total	27.71	473.07		
Paras				
Unit 3	4.74	65.62	206	186
Unit 4	4.70	78.05	214	190
Total	9.44	143.67		
Khaparkheda				
Unit 1	3.89	60.84	170	155
Unit 2	4.14	65.52	185	145
Unit 3	4.04	64.78	181	166
Unit 4	4.06	57.11	172	165
Unit 5	9.54	151.32	410	349
Total	25.67	399.57		
Nasik				
Unit 3	4.42	63.72	190	180
Unit 4	4.24	49.47	185	171
Unit 5	4.40	64.87	189	178
Total	13.06	178.06		
Uran				
All Units	11.32	158.92	552	432
Total	11.32	158.92		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.42	7.06	24	2
Total	0.42	7.06		
Koyna				
Stage 1-2	3.96	58.46	525	40
Stage 4	1.87	34.00	601	0
Stage 3	1.54	19.01	166	0
Total	7.36	111.47		
Hydro				
KDPH	0.00	6.42	0	0
VTRNA	0.53	9.61	61	0
TILLARI	0.25	1.23	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	2.06	77	0
RNGR+BHTSA	0.13	3.29	14	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.71	9.40	30	29
GHATGHAR	1.21	12.36	250	0
Total	2.92	44.38		
Wind				
Total	5.72	46.30	0	0
Total	5.72	46.30		
CPP				
APML(Mus)	45.92	771.24	0	0
JSWEL(Mus)	26.90	349.34	0	0
VIPL(Mus)	10.10	161.60	0	0
RPLAMT(Mus)	23.79	371.20	0	0
WPCL(Mus)	4.46	73.02	0	0
Other(Mus)	9.02	167.38	0	0
Total	120.20	1893.77		
SOLAR				
Total	0.89	17.61	0	0
Total	0.89	17.61		
Tata				
Trombay 5	7.56	139.97	319	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.53	37.88	115	90
Trombay 7B	1.54	22.23	67	59
Trombay 8	4.84	85.06	204	200
TATA Hydro	2.24	34.74	276	0
Total	18.72	319.89		
R-INFRA				
1-2	4.88	98.19	205	202
Total	4.88	98.19		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.44	1800.10
MSPGCL Thml+Gas	132.76	1959.01

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	10.28	155.85
MSPGCL Total	143.04	2114.86

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.87	88.50
State Total	293.45	4490.61

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5090	87	457	5634	91	4878	0	2122	1996	-609	11990	10	12000	1507	13507	49.98
2	5063	82	460	5605	91	4871	0	2025	1722	-484	11805	10	11815	1384	13199	49.93
3	5063	92	462	5617	62	4872	0	1789	1718	-417	11852	10	11862	1315	13177	49.96
4	5082	92	460	5634	62	4881	0	1709	1691	-382	11886	10	11896	1283	13179	49.93
5	5107	194	472	5773	53	4875	0	1710	1727	-393	12035	10	12045	1292	13337	49.89
6	5098	505	470	6073	53	4896	0	2204	2312	-505	12829	14	12843	1402	14245	49.88
7	5103	483	470	6056	46	4884	0	3623	3671	-627	14030	14	14044	1557	15601	49.90
8	5104	831	469	6404	31	4879	6	4493	4764	-637	15447	14	15461	1652	17113	49.87
9	5067	1528	470	7065	32	5020	33	4629	4567	-840	15877	14	15891	1887	17778	49.87
10	5051	1477	446	6974	52	5275	87	4748	4709	-1008	16089	14	16103	2168	18271	49.91
11	5040	1164	461	6665	94	5406	111	4833	4894	-1146	16024	14	16038	2321	18359	49.96
12	5057	729	445	6231	139	5408	145	4860	4823	-1190	15556	14	15570	2358	17928	49.97
13	5072	380	440	5892	285	5365	150	4837	4806	-1129	15369	14	15383	2293	17676	49.95
14	5077	159	438	5674	422	5228	127	4775	4643	-1152	14942	13	14955	2177	17132	49.98
15	5053	118	432	5603	325	5069	114	4605	4588	-1139	14560	9	14569	2163	16732	49.95
16	5068	325	449	5842	293	4949	68	4277	4527	-1089	14590	9	14599	2173	16772	49.95
17	5058	220	516	5794	273	4933	39	3928	4313	-1130	14222	9	14231	2165	16396	49.94
18	5055	202	534	5791	296	4935	13	3352	3479	-1144	13370	9	13379	2158	15537	49.89
19	5025	457	552	6034	333	4947	0	3644	3548	-1273	13589	9	13598	2220	15818	49.91
20	5040	424	505	5969	378	4946	0	3999	4228	-1390	14131	9	14140	2289	16429	49.95
21	5049	288	478	5815	543	4931	0	3565	3335	-1294	13330	9	13339	2188	15527	50.01
22	5051	145	495	5691	598	4935	0	3040	2470	-1176	12518	9	12527	2059	14586	50.01
23	5006	145	456	5607	582	4915	0	2332	2089	-1024	12169	9	12178	1897	14075	49.91
24	4965	150	478	5593	588	4908	0	1958	1898	-893	12094	9	12103	1762	13865	50.01
MUs	121.44	10.28	11.32	143.04	5.72	120.20	0.89	83.06	82.52	-22.07	330.30	0.26	330.57	45.67	376.24	49.94

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 16/Jan/2016

Position as on 6.30 Hrs of 17/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	Koyna 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	Koyna 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 7	108	15/01/2016	22.34	16/01/2016	16.13	Emergency Handtrip	
MSPGCL	Uran Unit 7	108	16/01/2016	21.46	16/01/2016	23.11	Damper Drscripeancy.	
MSPGCL	Paras Unit 3	250	17/01/2016	12.04		Continued.	P.A. Fan Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 17/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	15/01/2016	17.09	16/01/2016	10.06	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/01/2016	17.23	16/01/2016	08.36	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	16/01/2016	16.55	17/01/2016	07.04	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	16/01/2016	17.56	17/01/2016	08.49	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/01/2016	16.41		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	17/01/2016	16.52		Continued.	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		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/01/2016	16.58	16/01/2016	07.09	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/01/2016	21.43	16/01/2016	09.44	HT	Over Voltage
Dhule - Bableswhar - li	IntraState	16/01/2016	11.09	16/01/2016	18.53	PO	Providing of Conductor Sleeve on Line.
Bhusawal-Aurangabad	IntraState	16/01/2016	16.50	17/01/2016	07.13	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/01/2016	20.20	17/01/2016	10.15	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/01/2016	15.22		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/01/2016	16.39		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 315 Mva Ict- 2 @Kharghar	IntraState	16/01/2016	16.15	16/01/2016	20.05	EO	Attending Oil Leakage.
220 KV LINE Outages/Trippings							
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.
Shivajinagar - Satana	IntraState	14/01/2016	15.40	16/01/2016	17.25	T	Distance Protection
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)
Chalishaon -Babhaleshwar	IntraState	16/01/2016	09.19	16/01/2016	18.10	HT	To Control BBLSR ICT Load & Outage of Bhusawal ICT.
Badnera-Akola I	IntraState	16/01/2016	09.38	16/01/2016	17.53	PO	Replacement of Line Insulators.
Parli 2-(Girwali) -Murud	IntraState	16/01/2016	10.15	16/01/2016	15.59	PO	Eeplacement of Bus & Line Side Isolator.
Kalmeshwar-Kalmeshwar Rly Tss 2	IntraState	16/01/2016	11.17	16/01/2016	15.06	PO	Measurment of Tandelta of CT's& CC's.
Sonkhar - Trombay	IntraState	17/01/2016	09.38	17/01/2016	15.07	PO	Isolator Alignment & Maint.Work.
Kalwa - Mulund 2	IntraState	17/01/2016	15.15	17/01/2016	19.50	EO	R Ph CT Replacement 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 16/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 17/Jan/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Mulund.
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