

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Nov/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.250	385.412	1) Gujrat	4.554	14.000
2) Hydro	16.100	41.238	2) Madhya Pradesh	10.864	25.800
3) Gas	6.948	19.406	3) Chattisgarh	5.180	13.550
Total MSPGCL	150.298	446.056	4) Maharashtra Net	108.987	306.987
B) 1) APML	59.232	172.361	5) Goa	-7.881	-22.011
2) JSWEL	21.749	71.919	6) TAPS 1&2 Injection	3.572	10.693
3) VIPL	6.304	28.052	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	23.410	67.180	8) Pench (MS)	0.783	2.598
5) WPCL	5.249	15.731	9) Pench (Excess)	-0.783	-2.598
6) Other IPP	4.774	12.653	Total	124.493	346.421
C) 1) TPCL Thermal	17.643	50.270	a) Mumbai Schedule	24.530	67.308
2) TPCL Hydro	2.989	6.076	b) Mumbai Drawl	28.372	82.432
3) TPCL Gas	2.687	7.258	c) MSEDCL Bilateral *	27.995	89.721
4) R-INFRA Thermal	12.115	34.158	Include PX	4.396	7.537
D) STATE			d) Mumbai Bilateral *	24.530	67.308
1) Thermal	277.726	837.736	Include PX	6.201	14.019
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	19.089	47.314	H) ENERGY CATERED (MUs)		
3) Gas	9.635	26.664	1) MSEDCL	371.516	1099.938
4) Wind	3.216	18.499	2) Mumbai Discoms	63.806	180.197
6) SOLAR	1.163	3.498	TOTAL STATE	435.322	1280.135
TOTAL STATE	310.829	933.711			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5329	5488	5538	5220
MSPGCL Hydro	1531	1413	515	122
MSPGCL Gas	291	282	290	290
MSPGCL Total Generation	7151	7183	6343	5632
Central Sector Receipt	5486	5743	5441	4246
WIND	196	67	120	105
CPP / IPP	5136	5117	5136	4983
SOLAR	148	159	0	0
Exchange with Mumbai	-1315	-1476	-1524	-613
MSEDCL DEMAND MET	16802	16793	15516	14353
Load Shedding	450	492	239	190
MSEDCL DEMAND	17252	17285	15755	14543
TPCL GENERATION	1256	1163	1073	831
R-INFRA GENERATION	511	510	515	517
MUMBAI DEMAND	3082	3149	3112	1961
STATE DEMAND MET	19884	19942	18628	16314
STATE DEMAND	20334	20434	18867	16504
Frequency (Hz)	49.93	49.89	49.97	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13:03 Hrs	49.71 Hz at 06:43 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 03/Nov/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.78	8.31	120	112
Unit 6	0.00	0.00	0	0
Unit 7	0.00	6.34	0	0
Total	2.78	14.65		
Bhusawal				
Unit 2	0.00	0.42	0	0
Unit 3	3.19	7.15	160	0
Unit 4	11.17	31.34	500	415
Unit 5	11.52	33.11	500	415
Total	25.88	72.02		
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	3.14	9.48	133	127
Unit 3	3.95	12.76	203	0
Unit 4	4.54	13.46	200	175
Unit 5	6.67	25.66	435	0
Unit 6	10.10	30.13	450	395
Unit 7	9.70	27.87	445	360
Total	38.10	119.36		
Paras				
Unit 3	5.19	15.54	230	202
Unit 4	5.59	16.32	244	220
Total	10.78	31.86		
Khaparkheda				
Unit 1	4.10	11.60	180	155
Unit 2	3.82	11.65	185	125
Unit 3	4.15	12.34	186	158
Unit 4	4.11	12.24	181	150
Unit 5	10.76	30.62	470	393
Total	26.94	78.43		
Nasik				
Unit 3	0.00	4.89	0	0
Unit 4	4.60	13.46	198	182
Unit 5	4.59	13.77	198	180
Total	9.19	32.12		
Uran				
All Units	6.95	19.41	300	278
Total	6.95	19.41		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.78	2.60	50	3
Total	0.78	2.60		
Koyna				
Stage 1-2	3.47	11.02	440	40
Stage 4	6.48	12.88	755	0
Stage 3	2.04	5.39	320	0
Total	11.99	29.30		
Hydro				
KDPH	0.88	1.94	37	36
VTRNA	0.46	1.48	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.11	0.30	73	0
RNGR+BHTSA	0.26	0.78	14	0
BHANDARDRA	0.43	1.28	29	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.55	1.25	30	20
GHATGHAR	1.42	4.90	250	0
Total	4.11	11.94		
Wind				
Total	3.22	18.50	0	0
Total	3.22	18.50		
CPP				
APML(Mus)	59.23	172.36	0	0
JSWEL(Mus)	21.75	71.92	0	0
VIPL(Mus)	6.30	28.05	0	0
RPLAMT(Mus)	23.41	67.18	0	0
WPCL(Mus)	5.25	15.73	0	0
Other(Mus)	4.77	12.65	0	0
Total	120.72	367.90		
SOLAR				
Total	1.16	3.50	0	0
Total	1.16	3.50		
Tata				
Trombay 5	11.68	32.88	492	472
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.52	4.03	114	49
Trombay 7B	1.16	3.23	67	41
Trombay 8	5.96	17.39	251	247
TATA Hydro	2.99	6.08	370	0
Total	23.32	63.60		
R-INFRA				
1-2	12.12	34.16	518	396
Total	12.12	34.16		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	127.25	385.41
MSPGCL Thml+Gas	134.20	404.82

Koradi 8	13.57	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	16.10	41.24
MSPGCL Total	150.30	446.06

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	9.95	23.91
State Total	310.83	933.71

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Nov/2015

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	5313	110	291	5714	70	5208	0	4709	4826	-1084	14734	58	14792	2421	17213	49.95
2	5232	110	296	5638	109	5180	0	4544	4623	-860	14690	105	14795	2191	16986	49.97
3	5334	122	289	5745	91	5071	0	4459	4314	-718	14503	132	14635	2054	16689	49.96
4	5220	122	290	5632	105	4983	0	4431	4246	-613	14353	190	14543	1961	16504	49.93
5	5097	226	290	5613	201	5013	0	4433	4535	-578	14784	288	15072	1922	16994	49.98
6	5192	300	288	5780	224	5047	1	4813	4982	-638	15396	371	15767	1985	17752	49.92
7	5154	665	291	6110	288	5074	2	4961	4894	-728	15640	534	16174	2076	18250	49.85
8	5164	983	291	6438	250	5098	28	5018	4780	-836	15758	539	16297	2184	18481	49.95
9	5190	1082	287	6559	175	5098	75	5239	5528	-1114	16321	519	16840	2461	19301	49.95
10	5267	1325	298	6890	150	5122	136	5389	5213	-1253	16258	461	16719	2839	19558	49.94
11	5329	1531	291	7151	196	5136	148	5376	5486	-1315	16802	450	17252	3082	20334	49.93
12	5511	1463	285	7259	122	5131	164	5557	5437	-1368	16745	427	17172	3153	20325	49.93
13	5488	1413	282	7183	67	5117	159	5545	5743	-1476	16793	492	17285	3149	20434	49.89
14	5546	1147	280	6973	43	5124	156	5504	5217	-1446	16067	457	16524	3094	19618	49.97
15	5515	1236	278	7029	36	5131	149	5668	5705	-1492	16558	392	16950	3121	20071	49.88
16	5513	1515	281	7309	27	5106	90	5698	5644	-1537	16639	399	17038	3149	20187	49.96
17	5576	1049	285	6910	29	5122	49	5610	5286	-1490	15906	380	16286	3144	19430	49.94
18	5539	276	287	6102	94	5112	6	5115	4866	-1435	14745	369	15114	3105	18219	49.88
19	5538	515	290	6343	120	5136	0	5088	5441	-1524	15516	239	15755	3112	18867	49.97
20	5497	260	290	6047	117	5132	0	5797	5409	-1496	15209	162	15371	3009	18380	50.00
21	5274	192	293	5759	114	4901	0	5839	5541	-1453	14862	110	14972	2819	17791	49.97
22	5003	205	298	5506	142	4754	0	5493	5512	-1364	14550	83	14633	2676	17309	49.98
23	4901	130	297	5328	221	4745	0	5416	5770	-1352	14712	58	14770	2595	17365	49.97
24	4857	123	300	5280	225	4950	0	5134	5495	-1202	14748	52	14800	2504	17304	49.97
MUs	127.25	16.10	6.95	150.30	3.22	121.49	1.16	124.84	124.49	-28.37	372.29	7.27	379.55	63.81	443.36	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 03/Nov/2015

Position as on 6.30 Hrs of 04/Nov/2015

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	
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	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		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	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
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	
CPP	WPCL U-1	135	23/10/2015	17.31		Continued.	ESP filter problem	
IPP	Adani U-3	660	27/10/2015	09.48		Continued.	Excitation Tranf. Abnormal Sound.	
MSPGCL	Uran Unit B0	120	30/10/2015	09.35		Continued.	Gas Turbine Problem.	
MSPGCL	Uran Unit 8	108	30/10/2015	09.35		Continued.	Gas Turbine Problem.	
MSPGCL	Chandrapur Unit-8	500	31/10/2015	16.20		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 2	210	01/11/2015	02.34		Continued.	BTL	
MSPGCL	Nasik Unit 3	210	02/11/2015	01.45		Continued.	Turbine bearing Vabration high	
IPP	JSW (J) U3	300	02/11/2015	10.36		Continued.	condenser tube clen	
MSPGCL	Koradi Unit 7	210	02/11/2015	16.53		Continued.	Boiler Tube Leakage	
IPP	VIPL U-1	300	03/11/2015	02.30		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	03/11/2015	03.27	03/11/2015	09.42	control walse problem	
MSPGCL	Bhusawal Unit 3	210	03/11/2015	21.23		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Nov/2015

Position as on 6.30 Hrs of 04/Nov/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 3	210	03/11/2015	21.32		Continued.	ID Fan Problem	
MSPGCL	Uran Unit A0	120	04/11/2015	02.10	04/11/2015	06.50	Gas Skid problem	
MSPGCL	Uran Unit 5	108	04/11/2015	02.10	04/11/2015	03.45	Gas Skid problem	
MSPGCL	Uran Unit 6	108	04/11/2015	02.10		Continued.	Gas Skid problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 04/Nov/2015

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							
Kolhapur Mapusa I	InterState	02/11/2015	17.07	03/11/2015	06.39	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	02/11/2015	22.05	03/11/2015	05.50	HT	Over Voltage
Kolhapur Mapusa II	InterState	03/11/2015	17.02	03/11/2015	18.23	HT	Over Voltage
Kolhapur Mapusa I	InterState	03/11/2015	21.37		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	03/11/2015	22.45	04/11/2015	06.50	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-II	IntraState	25/10/2015	19.26		Continued.	HT	Controlling BBLR ICT Loading.
Karad - Lonikand 1	IntraState	27/10/2015	10.13		Continued.	PO	Tower repalcement work.
karad -kolhapur-II	IntraState	02/11/2015	16.14	03/11/2015	07.37	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/11/2015	16.35	03/11/2015	08.26	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/11/2015	19.20	03/11/2015	06.30	HT	Over Voltage
Kalwa - Kharghar	IntraState	03/11/2015	09.38	03/11/2015	10.13	HT	H/T by Kharghar due to sparking on Isolator
Taptitanda Waluj	IntraState	03/11/2015	10.17	03/11/2015	19.35	PO	Line Rectification
karad -kolhapur-I	IntraState	03/11/2015	16.06	04/11/2015	07.08	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/11/2015	16.32		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/11/2015	21.00	04/11/2015	06.09	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	03/11/2015	08.44	03/11/2015	13.11	T	Differential protection
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	03/11/2015	10.11	03/11/2015	13.05	EO	To attend Hot Spot
400/220kv 315 Mva ICT III @Karad	IntraState	03/11/2015	16.17	03/11/2015	21.39	EO	To attend Hot Spot
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.
Nagothane - MSL	IntraState	13/10/2015	16.44		Continued.	T	Distance Protection
Wardha-Yeotmal	IntraState	03/11/2015	00.08	03/11/2015	04.19	EO	To attend Hot Spot
Eklahare (Ocr)Nasik - Padghe 2	IntraState	03/11/2015	09.25	03/11/2015	17.55	PO	Line Maintenance work
Midc Chandrapur-Gadchandur	IntraState	03/11/2015	09.35	03/11/2015	19.08	PO	For conversion of SSN to DSN
Lonand-Baramati	IntraState	03/11/2015	10.40	03/11/2015	17.35	PO	string replacement work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	03/11/2015	11.23	03/11/2015	14.42	PO	To attend Hot Spot
Deepnagar Amalner	IntraState	03/11/2015	18.51	03/11/2015	07.01	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
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panal

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