

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Oct/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.984	2745.673	1) Gujrat	4.835	139.347
2) Hydro	20.820	276.862	2) Madhya Pradesh	16.078	281.081
3) Gas	8.662	200.602	3) Chattisgarh	6.400	107.170
Total MSPGCL	152.466	3223.137	4) Maharashtra Net	104.735	2388.272
B) 1) APML	55.800	1276.310	5) Goa	-8.136	-179.980
2) JSWEL	28.060	643.380	6) TAPS 1&2 Injection	3.549	81.838
3) VIPL	12.769	280.967	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	14.810	486.830	8) Pench (MS)	0.949	16.548
5) WPCL	4.699	106.323	9) Pench (Excess)	-0.949	-16.548
6) Other IPP	2.891	72.944	Total	126.512	2801.180
C) 1) TPCL Thermal	17.494	394.363	a) Mumbai Schedule	24.455	609.745
2) TPCL Hydro	3.347	57.114	b) Mumbai Drawl	31.680	687.686
3) TPCL Gas	3.777	91.525	c) MSEDCL Bilateral *	38.911	786.297
4) R-INFRA Thermal	12.377	266.124	Include PX	8.012	85.807
D) STATE			d) Mumbai Bilateral *	24.455	606.382
1) Thermal	271.884	6272.914	Include PX	3.822	141.494
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro	24.167	333.976	H) ENERGY CATERED (MUs)		
3) Gas	12.439	292.127	1) MSEDCL	369.164	8327.715
4) Wind	1.703	98.229	2) Mumbai Discoms	68.675	1496.791
6) SOLAR	1.134	26.101	TOTAL STATE	437.839	9824.506
TOTAL STATE	311.327	7023.347			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 14 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5119	5248	5324	4977
MSPGCL Hydro	1786	1564	721	82
MSPGCL Gas	391	418	427	290
MSPGCL Total Generation	7296	7230	6472	5349
Central Sector Receipt	6149	6071	5121	4319
WIND	48	57	125	91
CPP / IPP	4882	4909	4942	4890
SOLAR	188	154	0	0
Exchange with Mumbai	-1483	-1458	-1597	-845
MSEDCL DEMAND MET	17080	16963	15063	13804
Load Shedding	462	418	295	21
MSEDCL DEMAND	17542	17381	15358	13825
TPCL GENERATION	1341	1304	1145	885
R-INFRA GENERATION	516	517	511	517
MUMBAI DEMAND	3340	3279	3253	2247
STATE DEMAND MET	20420	20242	18316	16051
STATE DEMAND	20882	20660	18611	16072
Frequency (Hz)	49.95	50.01	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18:02 Hrs	49.81 Hz at 12:09 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 23/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.81	67.61	120	114
Unit 6	0.00	0.00	0	0
Unit 7	3.87	79.56	170	155
Total	6.68	147.17		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	78.90	0	0
Unit 4	11.34	249.42	500	425
Unit 5	11.96	256.48	510	460
Total	23.29	584.82		
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	3.25	74.71	141	131
Unit 3	4.65	106.52	199	175
Unit 4	4.69	104.95	198	175
Unit 5	9.94	138.21	430	379
Unit 6	10.55	201.80	460	410
Unit 7	9.95	182.67	438	380
Total	43.03	808.85		
Paras				
Unit 3	5.15	111.17	230	203
Unit 4	5.34	113.49	241	200
Total	10.49	224.66		
Khaparkheda				
Unit 1	3.43	75.20	170	105
Unit 2	3.61	83.98	175	125
Unit 3	4.24	85.64	187	164
Unit 4	0.00	46.49	0	0
Unit 5	8.82	217.82	420	330
Total	20.11	509.14		
Nasik				
Unit 3	4.73	104.39	205	185
Unit 4	4.64	75.92	199	182
Unit 5	4.67	105.41	200	190
Total	14.03	285.73		
Uran				
All Units	8.66	200.60	430	288
Total	8.66	200.60		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.95	16.55	43	37
Total	0.95	16.55		
Koyna				
Stage 1-2	6.98	95.86	560	40
Stage 4	7.63	96.06	886	0
Stage 3	3.57	40.18	320	0
Total	18.18	232.10		
Hydro				
KDPH	0.00	2.28	0	0
VTRNA	0.73	2.46	61	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	4.30	76	0
RNGR+BHTSA	0.26	3.10	11	10
BHANDARDRA	0.46	10.37	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	4.31	21	11
GHATGHAR	0.75	17.90	125	0
Total	2.64	44.76		
Wind				
Total	1.70	98.23	0	0
Total	1.70	98.23		
CPP				
APML(Mus)	55.80	1276.31	0	0
JSWEL(Mus)	28.06	643.38	0	0
VIPL(Mus)	12.77	280.97	0	0
RPLAMT(Mus)	14.81	486.83	0	0
WPCL(Mus)	4.70	106.32	0	0
Other(Mus)	2.89	72.94	0	0
Total	119.03	2866.75		
SOLAR				
Total	1.13	26.10	0	0
Total	1.13	26.10		
Tata				
Trombay 5	11.56	259.01	491	434
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.33	57.22	115	59
Trombay 7B	1.45	34.30	66	48
Trombay 8	5.94	135.36	250	244
TATA Hydro	3.35	57.11	425	0
Total	24.62	543.00		
R-INFRA				
1-2	12.38	266.12	518	511
Total	12.38	266.12		

Infirm Power	Chandrapur 8	5.36
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	122.98	2745.67
MSPGCL Thml+Gas	131.65	2946.28

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	20.82	276.86
MSPGCL Total	152.47	3223.14

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	14.61	191.92
State Total	311.33	7023.35

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/Oct/2015

Annexure-2

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	4805	576	288	5669	124	4794	0	4657	4737	-1303	14021	31	14052	2731	16783	49.99
2	4855	536	288	5679	102	4734	0	4469	4431	-1080	13866	21	13887	2513	16400	49.99
3	4954	187	289	5430	108	4866	0	4486	4387	-924	13867	21	13888	2353	16241	49.98
4	4977	82	290	5349	91	4890	0	4423	4319	-845	13804	21	13825	2247	16072	49.99
5	4967	92	290	5349	42	4899	0	4514	4619	-800	14109	167	14276	2184	16460	49.98
6	4901	227	291	5419	52	4895	0	4634	4811	-862	14315	203	14518	2212	16730	49.99
7	5012	908	291	6211	53	4819	0	4747	4997	-810	15270	317	15587	2211	17798	49.99
8	5037	1335	290	6662	57	5038	28	5031	5220	-848	16157	442	16599	2279	18878	50.02
9	5063	1188	288	6539	38	4983	77	5537	5769	-1077	16329	481	16810	2513	19323	49.95
10	5049	1469	291	6809	36	5092	114	5743	5889	-1482	16458	393	16851	2955	19806	49.96
11	5072	1750	300	7122	33	5040	147	5861	6217	-1520	17039	390	17429	3217	20646	49.96
12	5119	1786	391	7296	48	4882	188	5914	6149	-1483	17080	462	17542	3340	20882	49.95
13	5155	1398	418	6971	67	4897	153	5896	6109	-1534	16663	455	17118	3349	20467	49.97
14	5248	1564	418	7230	57	4909	154	5829	6071	-1458	16963	418	17381	3279	20660	50.01
15	5311	1511	418	7240	63	4893	136	5833	5819	-1638	16513	358	16871	3335	20206	49.94
16	5320	1707	420	7447	58	4885	85	5778	5780	-1629	16626	268	16894	3352	20246	49.98
17	5354	1275	422	7051	83	4922	44	5669	5525	-1604	16021	263	16284	3337	19621	49.96
18	5318	612	425	6355	81	4935	8	5093	4768	-1623	14524	289	14813	3257	18070	49.96
19	5324	721	427	6472	125	4942	0	5109	5121	-1597	15063	295	15358	3253	18611	50.02
20	5250	736	430	6416	97	5081	0	5243	5072	-1551	15115	340	15455	3156	18611	49.97
21	5223	485	430	6138	103	5152	0	5259	5352	-1524	15221	108	15329	3013	18342	50.02
22	5194	220	425	5839	43	5132	0	5263	4934	-1508	14440	86	14526	2883	17409	50.05
23	5229	99	421	5749	59	5214	0	5209	4985	-1487	14520	52	14572	2851	17423	49.99
24	5247	356	421	6024	83	5135	0	5023	5431	-1493	15180	48	15228	2855	18083	49.98
MUs	122.98	20.82	8.66	152.47	1.70	119.03	1.13	125.22	126.51	-31.68	369.16	5.93	375.09	68.68	443.77	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 23/Oct/2015

Position as on 6.30 Hrs of 24/Oct/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	
RGPPL	Dabhol 3B	230	29/12/2013	06.14	23/10/2015	11.12	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	Bhusawal Unit 2	210	13/09/2014	12.43		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	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generater bearing	
CPP	WPCL U-4	135	10/10/2015	05.25	23/10/2015	13.51	ID Fan Problem	
MSPGCL	Bhusawal Unit 3	210	21/10/2015	09.24		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	21/10/2015	20.49		Continued.	ESP Problem.	
MSPGCL	Uran Unit 5	108	22/10/2015	00.56	23/10/2015	09.36	Gas shortage	
MSPGCL	Khaparkheda Unit 4	210	22/10/2015	12.58		Continued.	Turbine Vibration High.	
IPP	RPL(AMT) U-2	270	23/10/2015	10.58		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 24/Oct/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							
Dabhol Nagothane II	InterState	21/10/2015	12.58	23/10/2015	16.12	T	B Ph Fault Tripped on Dist.Prot.
Kolhapur Mapusa II	InterState	22/10/2015	16.09	23/10/2015	07.20	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	22/10/2015	16.39	23/10/2015	07.06	T	Over Voltage
Dhule Sar'Sarovar I	InterState	22/10/2015	17.22	23/10/2015	06.58	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	23/10/2015	21.23		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-I	IntraState	16/10/2015	08.09		Continued.	HT	Controlling BBLR ICT Loading
Karad - Jaigad - II	IntraState	21/10/2015	16.34	23/10/2015	08.50	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/10/2015	18.58	23/10/2015	06.35	HT	Over Voltage
karad -kolhapur-I	IntraState	22/10/2015	14.09	23/10/2015	08.49	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	22/10/2015	17.14	23/10/2015	07.25	HT	Over Voltage
Chandrapur II - Chandrapur I	IntraState	22/10/2015	22.33	23/10/2015	06.22	T	Over Voltage
Chandrapur - Khaperkheda	IntraState	23/10/2015	09.50	23/10/2015	13.18	PO	Line Signature Test.
Chandrapur II - Chandrapur I	IntraState	23/10/2015	13.40	23/10/2015	18.38	PO	CVT Testing.
karad -kolhapur-II	IntraState	23/10/2015	16.32	24/10/2015	06.32	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/10/2015	16.36	24/10/2015	06.39	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/10/2015	18.05	24/10/2015	06.27	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/10/2015	19.43		Continued.	HT	Over Voltage
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
Vita - Miraj	IntraState	23/10/2015	00.23	23/10/2015	16.18	T	C T & W T Burst @ Miraj of Vita Bay, Miraj Stn 00.23 to 00.35 Bus Bar Operated @ Miraj.
Boisar(M) - Ghodbunder	IntraState	23/10/2015	05.58	23/10/2015	06.55	T	R Ph.Diff.Trip,Trip @ Ghodbundar End Only.
Nashik-Airoli Knowledge Park	IntraState	23/10/2015	09.55	23/10/2015	14.26	PO	Attending Hot Spot
Wada - Kolshet	IntraState	23/10/2015	10.07	23/10/2015	22.18	PO	C T Tan Delta & R.M. Work.
Mumewadi -Halkarni II	IntraState	23/10/2015	10.09	23/10/2015	15.51	PO	Insulator Cleaning Work.
Baramati - Kurkumbh	IntraState	23/10/2015	10.17	23/10/2015	15.52	PO	C T Tan Delta Testing Work.
Nasik - Raymond	IntraState	23/10/2015	12.38	23/10/2015	13.52	PO	Breaker Air Compressor Work.
Padghe - Vasai	IntraState	23/10/2015	15.36	23/10/2015	19.03	PO	Line Signature Test.
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 Panel
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	23/10/2015	09.02	23/10/2015	19.55	PO	Replacement of 245KV Bushing B Ph Due to Oil Leakage.
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	23/10/2015	11.06	23/10/2015	14.25	PO	Diagonostic Testing Work.
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	23/10/2015	11.55	23/10/2015	14.51	PO	Jumper Replacement.
220/100 Kv 100 MVA ICT II @Vasai-I	IntraState	23/10/2015	15.27	23/10/2015	18.46	PO	Diagonostic Testing Work.

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