

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 19/Oct/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.174	2234.442	1) Gujrat	8.415	112.020
2) Hydro	20.787	223.984	2) Madhya Pradesh	13.403	225.646
3) Gas	10.276	167.849	3) Chattisgarh	5.130	84.650
Total MSPGCL	152.237	2626.275	4) Maharashtra Net	112.813	1949.707
B) 1) APML	57.090	1055.840	5) Goa	-8.431	-147.375
2) JSWEL	29.422	530.601	6) TAPS 1&2 Injection	3.561	67.577
3) VIPL	13.096	231.065	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	24.120	406.060	8) Pench (MS)	0.946	13.121
5) WPCL	5.026	87.298	9) Pench (Excess)	-0.946	-13.121
6) Other IPP	3.894	60.877	Total	133.945	2279.104
C) 1) TPCL Thermal	17.642	324.171	a) Mumbai Schedule	30.586	500.167
2) TPCL Hydro	3.152	47.557	b) Mumbai Drawl	32.429	565.341
3) TPCL Gas	4.076	76.448	c) MSEDCL Bilateral *	42.969	624.299
4) R-INFRA Thermal	12.335	216.911	Include PX	11.771	47.492
D) STATE			d) Mumbai Bilateral *	30.586	496.804
1) Thermal	283.799	5147.265	Include PX	8.988	113.471
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro	23.939	271.541	H) ENERGY CATERED (MUs)		
3) Gas	14.352	244.297	1) MSEDCL	390.259	6821.441
4) Wind	2.696	88.184	2) Mumbai Discoms	69.634	1230.411
6) SOLAR	1.162	21.478	TOTAL STATE	459.893	8051.852
TOTAL STATE	325.948	5772.765			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5127	5146	5260	4722
MSPGCL Hydro	1729	1767	1137	76
MSPGCL Gas	412	409	425	440
MSPGCL Total Generation	7268	7322	6822	5238
Central Sector Receipt	6179	6215	5519	5180
WIND	95	122	106	89
CPP / IPP	5584	5508	5498	5471
SOLAR	174	138	0	0
Exchange with Mumbai	-1604	-1679	-1640	-726
MSEDCL DEMAND MET	17696	17626	16305	15252
Load Shedding	350	266	207	36
MSEDCL DEMAND	18046	17892	16512	15288
TPCL GENERATION	1259	1216	1133	890
R-INFRA GENERATION	505	508	515	517
MUMBAI DEMAND	3368	3403	3288	2133
STATE DEMAND MET	21064	21029	19593	17385
STATE DEMAND	21414	21295	19800	17421
Frequency (Hz)	49.96	49.90	50.01	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13:02 Hrs	49.73 Hz at 12:41 Hrs	49.95	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 19/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.74	56.52	120	110
Unit 6	0.00	0.00	0	0
Unit 7	3.64	65.96	165	136
Total	6.38	122.48		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.76	73.64	160	150
Unit 4	11.08	203.94	500	420
Unit 5	10.45	209.57	505	300
Total	25.30	487.14		
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	3.24	61.76	140	130
Unit 3	4.78	87.94	205	169
Unit 4	4.59	86.71	197	169
Unit 5	0.00	100.33	0	0
Unit 6	10.32	160.11	450	400
Unit 7	6.93	142.06	427	0
Total	29.86	638.92		
Paras				
Unit 3	5.29	90.42	232	210
Unit 4	5.28	92.01	232	210
Total	10.56	182.42		
Khaparkheda				
Unit 1	3.98	61.37	175	140
Unit 2	3.95	69.32	175	145
Unit 3	4.22	68.63	185	167
Unit 4	0.00	40.42	0	0
Unit 5	10.09	178.20	465	392
Total	22.25	417.94		
Nasik				
Unit 3	4.69	85.63	200	190
Unit 4	4.59	57.49	198	180
Unit 5	4.62	86.90	200	164
Total	13.90	230.02		
Uran				
All Units	10.28	167.85	450	407
Total	10.28	167.85		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.95	13.12	50	21
Total	0.95	13.12		
Koyna				
Stage 1-2	5.49	75.78	490	40
Stage 4	10.39	80.80	969	0
Stage 3	3.26	32.07	320	0
Total	19.14	188.65		
Hydro				
KDPH	0.00	2.28	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	3.69	80	0
RNGR+BHTSA	0.36	2.13	15	15
BHANDARDRA	0.44	8.60	31	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.12	3.50	12	2
GHATGHAR	0.60	14.82	240	0
Total	1.65	35.33		
Wind				
Total	2.70	88.18	0	0
Total	2.70	88.18		
CPP				
APML(Mus)	57.09	1055.84	0	0
JSWEL(Mus)	29.42	530.60	0	0
VIPL(Mus)	13.10	231.06	0	0
RPLAMT(Mus)	24.12	406.06	0	0
WPCL(Mus)	5.03	87.30	0	0
Other(Mus)	3.89	60.88	0	0
Total	132.65	2371.74		
SOLAR				
Total	1.16	21.48	0	0
Total	1.16	21.48		
Tata				
Trombay 5	11.69	212.54	492	460
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.55	47.90	115	83
Trombay 7B	1.52	28.55	67	56
Trombay 8	5.95	111.63	251	244
TATA Hydro	3.15	47.56	362	0
Total	24.87	448.18		
R-INFRA				
1-2	12.34	216.91	517	505
Total	12.34	216.91		

Infirm Power	Chandrapur 8	6.76
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.17	2234.44
MSPGCL Thml+Gas	131.45	2402.29

Koradi 8	6.16	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	20.79	223.98
MSPGCL Total	152.24	2626.28

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	15.88	156.58
State Total	325.95	5772.76

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Oct/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	4752	441	449	5642	157	5676	0	5399	5226	-1302	15399	39	15438	2720	18158	49.98
2	4804	191	450	5445	149	5592	0	5260	5265	-1080	15371	29	15400	2470	17870	49.99
3	4748	71	450	5269	146	5543	0	5160	5065	-927	15096	35	15131	2309	17440	49.97
4	4702	71	440	5213	117	5491	0	5107	5230	-778	15273	34	15307	2186	17493	49.97
5	4722	76	440	5238	89	5471	0	5091	5180	-726	15252	36	15288	2133	17421	49.94
6	4805	551	440	5796	111	5485	0	5091	4997	-767	15622	87	15709	2177	17886	49.95
7	4940	1045	440	6425	141	5524	1	5197	5215	-828	16478	252	16730	2227	18957	49.95
8	5091	1293	440	6824	120	5525	25	5267	5478	-948	17024	249	17273	2336	19609	49.97
9	5177	979	428	6584	101	5530	78	5514	5771	-1154	16910	311	17221	2562	19783	49.92
10	5138	1254	421	6813	112	5558	118	5767	5886	-1468	17019	286	17305	2982	20287	49.84
11	5197	1625	419	7241	84	5582	164	5839	5673	-1594	17150	285	17435	3270	20705	49.94
12	5127	1729	412	7268	95	5584	174	5899	6179	-1604	17696	350	18046	3368	21414	49.96
13	5077	1553	412	7042	122	5478	161	5872	6302	-1626	17479	368	17847	3378	21225	49.89
14	5046	1716	407	7169	135	5526	154	5805	5597	-1614	16967	326	17293	3313	20606	49.94
15	5146	1767	409	7322	122	5508	138	5892	6215	-1679	17626	266	17892	3403	21295	49.90
16	5201	1722	410	7333	104	5522	84	5894	5842	-1627	17258	193	17451	3414	20865	49.91
17	5222	1558	417	7197	109	5502	46	5851	5764	-1625	16993	192	17185	3405	20590	49.92
18	5250	406	421	6077	100	5503	17	5512	5289	-1647	15339	178	15517	3314	18831	49.94
19	5282	770	422	6474	108	5470	2	5701	5602	-1613	16043	119	16162	3319	19481	49.97
20	5260	1137	425	6822	106	5498	0	5728	5519	-1640	16305	207	16512	3288	19800	50.01
21	5183	472	426	6081	93	5501	0	5806	5466	-1558	15583	191	15774	3116	18890	49.99
22	5185	156	431	5772	91	5537	0	5795	5522	-1575	15347	178	15525	3028	18553	50.00
23	5135	77	433	5645	94	5517	0	5730	5645	-1523	15378	134	15512	2958	18470	49.96
24	4984	127	434	5545	90	5525	0	5566	6017	-1526	15651	116	15767	2958	18725	49.93
MUs	121.17	20.79	10.28	152.24	2.70	132.65	1.16	133.74	133.95	-32.43	390.26	4.46	394.72	69.63	464.35	49.95

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 19/Oct/2015

Position as on 6.30 Hrs of 20/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		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	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		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit 5	500	15/10/2015	18.05	19/10/2015	23.55	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	18/10/2015	14.31		Continued.	Low furnace pressure	
MSPGCL	Chandrapur Unit 7	500	18/10/2015	23.00	19/10/2015	05.20	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 20/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							
Chandrapur II - Dhariwal -I	InterState	08/10/2015	10.52	19/10/2015	13.50	PO	Tree Cutting Work.
Kolhapur Mapusa I	InterState	18/10/2015	21.38	19/10/2015	06.52	HT	Over Voltage
Dabhol Nagothane II	InterState	19/10/2015	13.07	19/10/2015	17.55	T	Distance Protection
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 -kolhapur-II	IntraState	18/10/2015	16.42	19/10/2015	07.21	HT	Over Voltage
Karad - Jaigad - II	IntraState	18/10/2015	17.00	19/10/2015	08.28	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/10/2015	17.40	19/10/2015	07.07	HT	Over Voltage
Akola II - Akola I Ckt-I	IntraState	19/10/2015	10.54	19/10/2015	14.27	PO	Quarterly Maintenance Work
karad -kolhapur-I	IntraState	19/10/2015	16.33		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	19/10/2015	17.40		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	19/10/2015	18.03		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	19/10/2015	14.27	19/10/2015	19.38	PO	To attend Hot Spot
220 KV LINE Outages/Trippings							
Tillari Amona	InterState	19/10/2015	09.54	19/10/2015	18.38	PO	Insulator Cleaning
Nasik Navsari I	InterState	19/10/2015	14.55	19/10/2015	18.16	T	Distance Protection
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
Pedhambe - Oni	IntraState	19/10/2015	08.45	19/10/2015	10.50	PO	To attend Hot Spot
Shivajinagar - Satana	IntraState	19/10/2015	10.50	19/10/2015	12.55	PO	Line Maintenance work
Mahad - Posco	IntraState	19/10/2015	13.15	19/10/2015	14.51	T	Tripped from Pasco end
Bableswhar Ahamadnagar-Ii	IntraState	19/10/2015	17.38	19/10/2015	21.38	EO	Attending Hot Spot
Bus section @ Kalwa	IntraState	20/10/2015	05.41		Continued.	PO	To attend Hot Spot
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