

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Nov/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.785	2431.397	1) Gujrat	0.594	44.922
2) Hydro	7.218	177.454	2) Madhya Pradesh	8.403	181.176
3) Gas	6.931	176.097	3) Chattisgarh	5.180	110.920
Total MSPGCL	127.934	2784.948	4) Maharashtra Net	79.939	1814.936
B) 1) APML	51.586	1066.242	5) Goa	-3.681	-125.984
2) JSWEL	20.278	410.306	6) TAPS 1&2 Injection	3.413	70.601
3) VIPL	10.151	197.478	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	19.658	469.343	8) Pench (MS)	0.313	11.784
5) WPCL	5.099	100.979	9) Pench (Excess)	-0.313	-11.784
6) Other IPP	9.927	124.078	Total	93.535	2084.787
C) 1) TPCL Thermal	14.903	309.059	a) Mumbai Schedule	17.273	402.219
2) TPCL Hydro	3.648	41.966	b) Mumbai Drawl	26.008	526.349
3) TPCL Gas	3.649	69.425	c) MSEDCL Bilateral *	23.521	475.914
4) R-INFRA Thermal	9.880	212.783	Include PX	-1.448	5.057
D) STATE			d) Mumbai Bilateral *	17.273	402.219
1) Thermal	255.267	5321.665	Include PX	0.184	59.538
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.866	219.420	H) ENERGY CATERED (MUs)		
3) Gas	10.580	245.522	1) MSEDCL	329.853	6935.969
4) Wind	16.601	201.556	2) Mumbai Discoms	58.088	1159.571
6) SOLAR	1.092	22.601	TOTAL STATE	387.941	8095.540
TOTAL STATE	294.406	6010.764			

* 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	5182	5174	5082	4816
MSPGCL Hydro	482	285	344	136
MSPGCL Gas	277	270	277	290
MSPGCL Total Generation	5941	5729	5703	5242
Central Sector Receipt	4427	4758	4474	2652
WIND	1148	742	291	982
CPP / IPP	5114	5086	5154	4338
SOLAR	143	152	2	0
Exchange with Mumbai	-1231	-1352	-1311	-704
MSEDCL DEMAND MET	15542	15116	14313	12510
Load Shedding	18	18	14	18
MSEDCL DEMAND	15560	15134	14327	12528
TPCL GENERATION	1164	1227	1175	647
R-INFRA GENERATION	403	404	401	400
MUMBAI DEMAND	2798	2983	2887	1751
STATE DEMAND MET	18340	18098	17200	14261
STATE DEMAND	18358	18116	17214	14279
Frequency (Hz)	49.92	49.99	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 12:02 Hrs	49.7 Hz at 17:49 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 20/Nov/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	12.70	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.83	58.83	175	139
Total	3.83	71.53		
Bhusawal				
Unit 2	4.02	60.85	175	155
Unit 3	4.20	59.84	185	165
Unit 4	11.00	212.23	505	410
Unit 5	11.06	207.23	500	410
Total	30.28	540.14		
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	2.93	62.50	130	118
Unit 3	4.11	73.46	184	164
Unit 4	4.21	86.88	180	171
Unit 5	9.04	176.96	385	365
Unit 6	8.99	188.35	390	365
Unit 7	9.83	194.04	421	400
Total	39.10	782.19		
Paras				
Unit 3	0.00	96.41	238	168
Unit 4	5.50	96.99	256	200
Total	5.50	193.40		
Khaparkheda				
Unit 1	3.83	74.70	175	140
Unit 2	3.82	73.61	180	140
Unit 3	4.22	62.20	190	165
Unit 4	3.94	70.06	171	144
Unit 5	10.05	197.94	490	375
Total	25.86	478.51		
Nasik				
Unit 3	4.58	69.26	200	180
Unit 4	0.00	81.24	0	0
Unit 5	4.65	88.05	198	188
Total	9.22	238.55		
Uran				
All Units	6.93	176.10	374	268
Total	6.93	176.10		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.31	11.78	50	0
Total	0.31	11.78		
Koyna				
Stage 1-2	2.26	57.47	315	40
Stage 4	0.00	28.47	0	0
Stage 3	0.99	19.18	142	0
Total	3.25	105.12		
Hydro				
KDPH	0.45	11.44	19	18
VTRNA	0.46	10.16	61	0
TILLARI	0.00	0.76	0	0
BHTGR/VEER	0.10	0.31	5	4
BHIRA T.R.	0.15	1.87	81	0
RNGR+BHTSA	0.26	4.68	11	10
BHANDARDRA	0.46	8.47	19	19
ELDARY	0.26	0.67	11	10
SMLHY_PTN	0.83	11.69	41	31
GHATGHAR	1.01	22.30	250	0
Total	3.96	72.34		
Wind				
Total	16.60	201.56	0	0
Total	16.60	201.56		
CPP				
APML(Mus)	51.59	1066.24	0	0
JSWEL(Mus)	20.28	410.31	0	0
VIPL(Mus)	10.15	197.48	0	0
RPLAMT(Mus)	19.66	469.34	0	0
WPCL(Mus)	5.10	100.98	0	0
Other(Mus)	9.93	124.08	0	0
Total	116.70	2368.43		
SOLAR				
Total	1.09	22.60	0	0
Total	1.09	22.60		
Tata				
Trombay 5	9.47	198.20	474	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.21	41.69	115	74
Trombay 7B	1.44	27.74	68	54
Trombay 8	5.43	110.86	253	201
TATA Hydro	3.65	41.97	409	65
Total	22.20	420.45		
R-INFRA				
1-2	9.88	212.78	518	396
Total	9.88	212.78		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	113.78	2431.40
MSPGCL Thml+Gas	120.72	2607.49

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.22	177.45
MSPGCL Total	127.93	2784.95

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.26	85.94
State Total	294.41	6010.76

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 20/Nov/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	4736	142	290	5168	1317	4164	0	2861	2952	-938	12663	20	12683	2000	14683	49.92
2	4725	141	291	5157	1239	4185	0	2899	2878	-825	12634	11	12645	1875	14520	49.99
3	4772	136	302	5210	1040	4261	0	2909	2711	-750	12472	18	12490	1801	14291	49.97
4	4816	136	290	5242	982	4338	0	2887	2652	-704	12510	18	12528	1751	14279	49.99
5	4801	191	300	5292	960	4353	0	2790	2920	-667	12858	18	12876	1725	14601	49.99
6	4845	410	290	5545	943	4479	0	2735	2957	-722	13202	18	13220	1785	15005	49.93
7	4788	274	302	5364	992	4854	0	3652	3503	-762	13951	18	13969	1832	15801	49.81
8	4891	512	288	5691	826	4965	14	4261	4468	-867	15097	18	15115	1947	17062	49.94
9	5160	515	282	5957	900	5085	61	4411	4480	-849	15634	18	15652	2191	17843	49.92
10	5170	592	281	6043	965	5119	112	4473	4183	-957	15465	18	15483	2431	17914	49.92
11	5182	482	277	5941	1148	5114	143	4567	4427	-1231	15542	18	15560	2798	18358	49.92
12	5167	388	275	5830	585	5121	169	4614	4443	-1335	14813	18	14831	2948	17779	49.88
13	5174	285	270	5729	742	5086	152	4587	4758	-1352	15116	18	15134	2983	18116	49.99
14	5092	261	272	5625	506	5115	143	4516	4723	-1265	14847	21	14868	2871	17739	49.93
15	5100	484	269	5853	374	5281	137	4516	4514	-1228	14931	14	14945	2923	17868	49.90
16	5065	515	268	5848	280	5332	86	4518	4351	-1168	14729	14	14743	2961	17704	49.88
17	5044	329	272	5645	282	5320	54	4397	4325	-1132	14494	14	14508	2909	17417	49.89
18	5067	169	275	5511	327	5091	13	3688	3541	-1195	13288	14	13302	2860	16162	49.91
19	5082	344	277	5703	291	5154	2	4321	4474	-1311	14313	14	14327	2887	17214	49.97
20	5046	228	278	5552	363	5203	0	4505	4380	-1320	14178	14	14192	2799	16991	49.99
21	4848	204	280	5332	312	5052	6	4373	4281	-1352	13631	14	13645	2581	16226	50.00
22	4769	202	305	5276	365	4880	0	3887	3800	-1490	12831	14	12845	2541	15386	50.02
23	4761	145	323	5229	417	4636	0	3927	3767	-1325	12724	14	12738	2375	15113	49.96
24	4759	133	374	5266	445	4511	0	3945	4047	-1263	13006	14	13020	2314	15334	49.97
MUs	118.86	7.22	6.93	133.01	16.60	116.70	1.09	94.24	93.53	-26.01	334.93	0.39	335.32	58.09	393.41	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 20/Nov/2015

Position as on 6.30 Hrs of 21/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	
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	JSW (J) U4	300	05/11/2015	21.58	20/11/2015	05.53	Turbine Bearing Inspection.	
IPP	Adani U-4	660	07/11/2015	15.51		Continued.	Hot Air Outlet Leakage.	
MSPGCL	Koradi Unit-8	660	09/11/2015	01.07		Continued.	Coal mill problem	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
IPP	RPL(AMT) U-4	270	18/11/2015	11.48		Continued.	PA Fan problem	
MSPGCL	Nasik Unit 4	210	19/11/2015	02.05		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 5	200	19/11/2015	14.34		Continued.	Rotor Earth Fault.	
IPP	RPL(AMT) U-1	270	19/11/2015	20.59	20/11/2015	01.39	Electrical Protection Operated.	
MSPGCL	Uran Unit 6	108	19/11/2015	21.32	20/11/2015	21.16	Gas shortage	
IPP	JSW (J) U2	300	20/11/2015	11.16		Continued.	No Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 21/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							
Dabhol Nagothane II	InterState	18/11/2015	11.33		Continued.	T	Distance Protection(RFC 19.25Hrs)
Kolhapur Solapur(PG) I	InterState	19/11/2015	17.02	20/11/2015	08.29	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	19/11/2015	18.07	20/11/2015	06.55	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	20/11/2015	17.12		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	20/11/2015	17.22		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Karad-Jaigad - I	IntraState	09/11/2015	16.04		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	11/11/2015	10.42	20/11/2015	12.00	EO	Attend hot spot RFC 14.42 12/11/2015
Bhusawal-Aurangabad	IntraState	19/11/2015	16.45	20/11/2015	06.31	HT	Over Voltage
karad -kolhapur-I	IntraState	19/11/2015	16.47		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/11/2015	20.19	20/11/2015	09.54	HT	Over Voltage
Padghe - Nagothane - II	IntraState	20/11/2015	09.52	20/11/2015	18.41	PO	Faulty Insulator Replacement.
Chandrapur-Parali III	IntraState	20/11/2015	11.46	20/11/2015	12.04	PO	Reactor Oil Filtration Work.(Reactor will be out for 3
Babhaleshwar-Taptitanda ckt-I	IntraState	20/11/2015	12.01		Continued.	PO	Testing Work,RFC @ 17.40 Hrs.
Bhusawal-Aurangabad	IntraState	20/11/2015	17.38		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	20/11/2015	21.27		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	19/11/2015	16.05	20/11/2015	00.39	PO	Diagnostic Testing.
220 KV LINE Outages/Trippings							
Boisar Tarapur	InterState	20/11/2015	06.05		Continued.	PO	String Work of M/C 0.4KM Between Boiser Gantry & Loc Noc1/A1(20 Days).
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.
Wadkhal - Ipcl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Kalwa-Salsette-IV	IntraState	14/11/2015	08.20		Continued.	PO	Conductor uprating work (35 days outage)
Boisar(M) - Ghodbunder	IntraState	20/11/2015	06.18		Continued.	PO	String Work ofM/C 0.4KM Between Boiser Gantry & Loc No.1/A1(20 Days).
Padghe - Kamba	IntraState	20/11/2015	07.02	20/11/2015	18.46	PO	Erection of Guid Tower @ Kamba
Vasai-Ii - Pgcilline	IntraState	20/11/2015	09.38	20/11/2015	18.52	PO	Attending Hot Spot
Apta - Taloja	IntraState	20/11/2015	10.18	20/11/2015	12.11	PO	Shifted on TBC for Hot Line Work.
Trombay-Chembur Line 2	IntraState	20/11/2015	10.51	20/11/2015	16.57	PO	Maintenance Work.
Kalmeshwar-Pandhurna	IntraState	20/11/2015	10.56	20/11/2015	15.09	PO	Insulator Hardware Work on Suspension Tower.
Magar Patta City- Serum	IntraState	20/11/2015	16.22	20/11/2015	20.15	PO	Testing Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 200 Mva Vijay Ict 2 @Malegaon	IntraState	20/11/2015	09.26	20/11/2015	13.49	PO	Bay Maint.Work & To Attend Oil Leakage.

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