

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Nov/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.741	3509.942	1) Gujrat	0.791	56.024
2) Hydro	7.670	249.059	2) Madhya Pradesh	9.476	269.042
3) Gas	8.610	256.209	3) Chattisgarh	7.070	165.380
Total MSPGCL	138.021	4015.210	4) Maharashtra Net	68.765	2540.371
B) 1) APML	43.983	1520.276	5) Goa (Amona)	-0.488	-135.706
2) JSWEL	18.419	591.884	6) TAPS 1&2 Injection	3.525	102.188
3) VIPL	10.144	296.287	7) RGPPL Injection	6.073	21.191
4) RPL(AMT)	19.272	644.789	8) Pench (MS)	0.137	14.534
5) WPCL	4.145	139.723	9) Pench (Excess)	-0.137	-14.534
6) Other IPP	11.331	215.234	Total	95.075	3003.956
C) 1) TPCL Thermal	14.329	444.388	a) Mumbai Schedule	12.806	564.594
2) TPCL Hydro	0.311	64.748	b) Mumbai Drawl	18.475	753.791
3) TPCL Gas	4.261	103.833	c) MSEDCL Bilateral *	23.402	683.766
4) R-INFRA Thermal	9.559	306.615	Include PX	-0.812	-7.410
D) STATE			d) Mumbai Bilateral *	12.806	564.594
1) Thermal	252.923	7669.138	Include PX	0.000	69.180
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	7.981	313.807	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	12.871	360.042	1) MSEDCL	334.058	9951.431
4) Wind	11.124	246.831	2) Mumbai Discoms	46.935	1673.365
6) SOLAR	1.019	31.032	TOTAL STATE	380.993	11624.796
TOTAL STATE	285.918	8620.850			

* 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 4 Hrs
MSPGCL Thermal	5179	5127	5021	4948
MSPGCL Hydro	412	388	227	155
MSPGCL Gas	431	415	293	310
MSPGCL Total Generation	6022	5930	5541	5413
Central Sector Receipt	4851	4959	4713	2752
WIND	453	416	381	591
CPP / IPP	4789	4745	4388	4348
SOLAR	142	158	0	0
Exchange with Mumbai	-763	-808	-1072	-513
MSEDCL DEMAND MET	15494	15400	13951	12591
Load Shedding	15	15	11	11
MSEDCL DEMAND	15509	15415	13962	12602
TPCL GENERATION	905	904	793	699
R-INFRA GENERATION	394	394	400	403
MUMBAI DEMAND	2062	2106	2265	1615
STATE DEMAND MET	17556	17506	16216	14206
STATE DEMAND	17571	17521	16227	14217
Frequency (Hz)	49.93	49.98	50.01	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 05.03 Hrs	49.76 Hz at 09.18 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 29/Nov/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.74	21.83	127	100
Unit 6	0.00	0.00	0	0
Unit 7	2.84	84.03	167	0
Total	5.58	105.86		
Bhusawal				
Unit 2	4.15	97.46	180	170
Unit 3	4.18	98.12	180	165
Unit 4	10.00	310.32	460	385
Unit 5	9.97	306.55	450	370
Total	28.30	812.44		
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	3.07	89.77	135	120
Unit 3	4.17	111.81	183	167
Unit 4	4.22	125.69	181	172
Unit 5	8.96	258.96	382	370
Unit 6	9.46	273.36	410	375
Unit 7	9.94	284.99	421	388
Total	39.82	1144.59		
Paras				
Unit 3	5.19	143.07	226	205
Unit 4	5.20	140.14	235	210
Total	10.40	283.21		
Khaparkheda				
Unit 1	3.77	108.54	170	140
Unit 2	3.68	91.92	170	140
Unit 3	4.08	98.74	181	164
Unit 4	3.78	95.69	165	146
Unit 5	8.65	282.89	390	350
Total	23.97	677.79		
Nasik				
Unit 3	4.62	110.64	195	190
Unit 4	4.41	118.71	190	180
Unit 5	4.65	129.62	198	186
Total	13.68	358.96		
Uran				
All Units	8.61	256.21	470	281
Total	8.61	256.21		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.14	14.53	27	0
Total	0.14	14.53		
Koyna				
Stage 1-2	1.78	80.06	370	40
Stage 4	0.00	32.26	0	0
Stage 3	0.57	24.44	160	0
Total	2.36	136.76		
Hydro				
KDPH	0.88	17.53	37	36
VTRNA	0.59	14.52	61	0
TILLARI	0.00	0.76	0	0
BHTGR/VEER	0.05	0.96	3	2
BHIRA T.R.	0.17	3.72	40	0
RNGR+BHTSA	0.25	6.52	11	10
BHANDARDRA	0.48	12.76	20	19
ELDARY	0.00	1.02	0	0
SMLHY_PTN	1.11	17.48	47	46
GHATGHAR	1.78	37.04	250	0
Total	5.31	112.30		
Wind				
Total	11.12	246.83	0	0
Total	11.12	246.83		
CPP				
APML(Mus)	43.98	1520.28	0	0
JSWEL(Mus)	18.42	591.88	0	0
VIPL(Mus)	10.14	296.29	0	0
RPLAMT(Mus)	19.27	644.79	0	0
WPCL(Mus)	4.14	139.72	0	0
Other(Mus)	11.33	215.23	0	0
Total	107.29	3408.19		
SOLAR				
Total	1.02	31.03	0	0
Total	1.02	31.03		
Tata				
Trombay 5	8.93	284.08	471	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.68	62.76	115	84
Trombay 7B	1.58	41.08	68	57
Trombay 8	5.40	160.30	250	200
TATA Hydro	0.31	64.75	113	0
Total	18.90	612.97		
R-INFRA				
1-2	9.56	306.62	403	392
Total	9.56	306.62		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.74	3509.94
MSPGCL Thml+Gas	130.35	3766.15

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.67	249.06
MSPGCL Total	138.02	4015.21

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.78	112.32
State Total	285.92	8620.85

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	4991	161	452	5604	469	4357	0	3549	3461	-809	13082	17	13099	1884	14983	49.99
2	4984	156	454	5594	474	4354	0	3225	3097	-653	12866	11	12877	1754	14631	49.95
3	5012	156	454	5622	496	4351	0	2895	2817	-567	12719	11	12730	1667	14397	49.97
4	4948	155	310	5413	591	4348	0	2890	2752	-513	12591	11	12602	1615	14217	49.98
5	5022	160	311	5493	701	4327	0	3074	3055	-513	13063	11	13074	1608	14682	49.99
6	5061	160	311	5532	672	4358	0	3798	3530	-617	13475	15	13490	1669	15159	50.02
7	5128	160	351	5639	702	4342	5	3216	3675	-619	13744	15	13759	1684	15443	49.93
8	5172	611	374	6157	548	4340	25	3272	4162	-572	14660	15	14675	1724	16399	49.97
9	5235	655	470	6360	426	4694	69	4032	3823	-489	14883	15	14898	1793	16691	49.94
10	5245	382	444	6071	392	4871	105	4768	4473	-610	15302	15	15317	1909	17226	49.95
11	5179	412	431	6022	453	4789	142	5009	4851	-763	15494	15	15509	2062	17571	49.93
12	5170	467	443	6080	465	4761	154	5016	4773	-788	15445	15	15460	2087	17547	49.97
13	5127	388	415	5930	416	4745	158	4828	4959	-808	15400	15	15415	2106	17521	49.98
14	5127	300	423	5850	339	4739	135	4832	4591	-767	14887	15	14902	2065	16967	50.03
15	5124	300	347	5771	323	4623	119	4829	4909	-782	14963	11	14974	2044	17018	49.98
16	5091	530	281	5902	337	4377	79	4822	5000	-773	14922	11	14933	2029	16962	49.95
17	5023	455	286	5764	302	4362	26	4686	4555	-756	14253	11	14264	2010	16274	49.93
18	4980	436	288	5704	368	4359	2	3600	3859	-810	13482	11	13493	2033	15526	49.99
19	5005	571	298	5874	289	4361	0	4440	4270	-932	13862	11	13873	2230	16103	50.00
20	5021	227	293	5541	381	4388	0	4668	4713	-1072	13951	11	13962	2265	16227	50.01
21	5022	216	293	5531	392	4362	0	4114	3895	-1124	13056	11	13067	2248	15315	49.98
22	5037	216	291	5544	528	4381	0	3724	3510	-1081	12882	11	12893	2188	15081	50.03
23	5030	221	295	5546	508	4355	0	3306	3180	-1058	12531	11	12542	2160	14702	49.96
24	5007	175	295	5477	552	4348	0	3298	3165	-999	12543	11	12554	2101	14655	50.00
MUs	121.74	7.67	8.61	138.02	11.12	107.29	1.02	95.89	95.07	-18.48	334.06	0.31	334.36	46.94	381.30	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 29/Nov/2015

Position as on 6.30 Hrs of 30/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	
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	
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	
IPP	JSW (J) U2	300	20/11/2015	11.16	29/11/2015	17.39	No Schedule.	
IPP	Adani U-5	660	22/11/2015	08.55		Continued.	Leakage tube oil system	
MSPGCL	Koradi Unit 7	210	28/11/2015	06.46	29/11/2015	01.53	Air Pre Heater Problem.	
MSPGCL	Koradi Unit 7	210	29/11/2015	02.40	29/11/2015	04.08	vaccum draft problem	
MSPGCL	Uran Unit B0	120	29/11/2015	03.03	29/11/2015	08.04	boiler protection operated	
MSPGCL	Uran Unit 8	108	29/11/2015	03.03	29/11/2015	06.06	boiler protecton operated	
MSPGCL	Uran Unit 5	108	29/11/2015	14.45		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 30/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							
Dhule Sar'Sarovar I	InterState	28/11/2015	13.30	29/11/2015	08.56	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	28/11/2015	21.46	29/11/2015	08.30	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	29/11/2015	17.20		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	29/11/2015	17.23		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	20/11/2015	12.01		Continued.	PO	Testing Work,RFC @ 17.40 Hrs.
Padghe - Nagothane - II	IntraState	28/11/2015	09.16		Continued.	PO	insulator replacement work RFC @ 20.06
karad -kolhapur-I	IntraState	28/11/2015	16.08	29/11/2015	10.00	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/11/2015	16.43	29/11/2015	10.05	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/11/2015	18.04	29/11/2015	07.29	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/11/2015	21.07	29/11/2015	09.13	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	29/11/2015	08.35	29/11/2015	18.54	PO	Fixing of Spike type LA on Tower
karad -kolhapur-II	IntraState	29/11/2015	16.11		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/11/2015	16.16		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/11/2015	17.13		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/11/2015	21.35		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
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).
Trombay Salsette 1 Backbay	IntraState	29/11/2015	07.33	29/11/2015	20.36	PO	Kalwa-Salsette-4 Conductor Repl.work
Kalwa - Mulund 1	IntraState	29/11/2015	07.50	29/11/2015	18.14	PO	Kalwa-Salsette-4 Conductor Repl.work
Kalwa - Borivali	IntraState	29/11/2015	08.08	29/11/2015	18.31	PO	Kalwa-Salsette-4 Conductor Repl.work
Kalwa-TIFIL	IntraState	29/11/2015	14.51	29/11/2015	16.55	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
220/33kv 100 MVA Transformer 4 @Aarey R/S	IntraState	29/11/2015	11.35	29/11/2015	13.41	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Paras-Akot	IntraState	29/11/2015	21.40		Continued.	T	B Phase PT Burst and cought Fire
Anjangaon - Akot	IntraState	29/11/2015	21.40	29/11/2015	22.54	T	B Phase PT Burst and cought Fire

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