

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.767	3491.386	1) Gujrat	9.133	182.310
2) Hydro	5.714	342.747	2) Madhya Pradesh	12.070	375.185
3) Gas	6.928	257.427	3) Chattisgarh	4.700	140.130
Total MSPGCL	149.409	4091.560	4) Maharashtra Net	108.019	3076.803
B) 1) APML	57.659	1602.119	5) Goa	-7.791	-226.156
2) JSWEL	28.656	813.958	6) TAPS 1&2 Injection	3.587	103.207
3) VIPL	9.696	353.395	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	20.670	602.690	8) Pench (MS)	0.853	21.402
5) WPCL	4.967	136.179	9) Pench (Excess)	-0.853	-21.402
6) Other IPP	3.740	92.296	Total	128.865	3630.077
C) 1) TPCL Thermal	16.555	496.547	a) Mumbai Schedule	26.397	772.610
2) TPCL Hydro	2.386	70.229	b) Mumbai Drawl	30.600	865.879
3) TPCL Gas	3.107	111.365	c) MSEDCL Bilateral *	44.691	1101.216
4) R-INFRA Thermal	11.438	338.175	Include PX	11.481	196.192
D) STATE			d) Mumbai Bilateral *	26.397	769.248
1) Thermal	290.148	7926.745	Include PX	9.128	189.378
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro	8.100	412.976	H) ENERGY CATERED (MUs)		
3) Gas	10.035	368.792	1) MSEDCL	376.879	10602.566
4) Wind	2.610	114.537	2) Mumbai Discoms	64.086	1882.174
6) SOLAR	1.207	31.634	TOTAL STATE	440.965	12484.740
TOTAL STATE	312.100	8854.684			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5668	5774	6043	5441
MSPGCL Hydro	465	372	281	554
MSPGCL Gas	288	288	285	292
MSPGCL Total Generation	6421	6434	6609	6287
Central Sector Receipt	6252	6350	4888	4314
WIND	56	24	105	190
CPP / IPP	5437	5428	5498	5016
SOLAR	174	183	0	0
Exchange with Mumbai	-1522	-1528	-1520	-1439
MSEDCL DEMAND MET	16818	16891	15580	14368
Load Shedding	500	547	240	127
MSEDCL DEMAND	17318	17438	15820	14495
TPCL GENERATION	1119	1105	1013	627
R-INFRA GENERATION	509	514	513	395
MUMBAI DEMAND	3150	3147	3046	2461
STATE DEMAND MET	19968	20038	18626	16829
STATE DEMAND	20468	20585	18866	16956
Frequency (Hz)	49.99	49.98	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 21.56 Hrs	49.7 Hz at 06.43 Hrs	49.97	% 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/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.78	84.02	120	110
Unit 6	0.00	0.00	0	0
Unit 7	3.58	101.84	165	90
Total	6.36	185.86		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.26	87.52	185	160
Unit 4	10.65	317.54	485	380
Unit 5	10.70	326.76	500	380
Total	25.61	731.81		
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	3.03	93.46	135	119
Unit 3	4.23	133.74	186	167
Unit 4	4.27	132.43	185	173
Unit 5	9.26	196.50	395	362
Unit 6	9.63	263.61	410	393
Unit 7	10.15	241.18	440	402
Total	40.57	1060.92		
Paras				
Unit 3	5.16	141.76	228	206
Unit 4	5.42	146.02	247	208
Total	10.58	287.78		
Khaparkheda				
Unit 1	3.82	98.52	180	135
Unit 2	3.76	107.20	185	140
Unit 3	3.87	111.26	182	147
Unit 4	3.83	51.14	203	143
Unit 5	9.82	279.91	490	368
Total	25.10	648.02		
Nasik				
Unit 3	4.42	132.14	190	180
Unit 4	4.09	102.08	186	158
Unit 5	4.43	133.30	191	173
Total	12.94	367.52		
Uran				
All Units	6.93	257.43	298	280
Total	6.93	257.43		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.85	21.40	50	0
Total	0.85	21.40		
Koyna				
Stage 1-2	1.82	116.86	405	40
Stage 4	0.00	118.49	0	0
Stage 3	0.53	48.79	156	0
Total	2.34	284.14		
Hydro				
KDPH	0.44	4.49	19	18
VTRNA	0.31	4.62	61	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	4.99	79	0
RNGR+BHTSA	0.26	4.41	15	0
BHANDARDRA	0.44	13.01	29	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.68	6.97	35	25
GHATGHAR	1.11	20.08	250	0
Total	3.37	58.61		
Wind				
Total	2.61	114.54	0	0
Total	2.61	114.54		
CPP				
APML(Mus)	57.66	1602.12	0	0
JSWEL(Mus)	28.66	813.96	0	0
VIPL(Mus)	9.70	353.40	0	0
RPLAMT(Mus)	20.67	602.69	0	0
WPCL(Mus)	4.97	136.18	0	0
Other(Mus)	3.74	92.30	0	0
Total	125.39	3600.64		
SOLAR				
Total	1.21	31.63	0	0
Total	1.21	31.63		
Tata				
Trombay 5	10.70	325.70	486	318
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.81	69.24	110	60
Trombay 7B	1.30	42.12	65	47
Trombay 8	5.85	170.85	250	200
TATA Hydro	2.39	70.23	294	15
Total	22.05	678.14		
R-INFRA				
1-2	11.44	338.18	520	394
Total	11.44	338.18		

Infirm Power	Chandrapur 8	7.22
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	136.77	3491.39
MSPGCL Thml+Gas	143.70	3748.81

Koradi 8	8.38	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.71	342.75
MSPGCL Total	149.41	4091.56

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.82	235.35
State Total	312.10	8854.68

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/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	5346	95	290	5731	103	5079	0	5367	5472	-1182	15203	204	15407	2544	17951	49.98
2	5311	100	293	5704	97	5241	0	5208	4881	-958	14965	227	15192	2326	17518	50.00
3	5361	110	294	5765	104	4896	0	4980	4936	-901	14800	245	15045	2178	17223	50.01
4	5454	95	294	5843	92	4876	0	4812	4917	-854	14874	254	15128	2064	17192	50.02
5	5479	110	293	5882	108	4847	0	4814	4853	-838	14852	281	15133	2029	17162	49.96
6	5557	194	298	6049	153	4870	0	5193	5243	-873	15442	401	15843	2064	17907	49.88
7	5546	311	295	6152	199	5020	0	5519	5329	-897	15803	556	16359	2119	18478	49.85
8	5497	219	294	6010	181	5104	23	5877	5747	-882	16183	554	16737	2224	18961	49.95
9	5426	187	288	5901	206	5154	74	6042	6018	-1097	16256	516	16772	2495	19267	49.91
10	5605	159	290	6054	208	5428	112	6214	6398	-1363	16837	440	17277	2824	20101	49.96
11	5605	340	288	6233	119	5447	161	6291	6300	-1457	16803	443	17246	3069	20315	49.99
12	5668	465	288	6421	56	5437	174	6363	6252	-1522	16818	500	17318	3150	20468	49.99
13	5774	372	288	6434	24	5428	183	6359	6350	-1528	16891	547	17438	3147	20585	49.98
14	5817	282	281	6380	21	5430	166	6118	6244	-1484	16757	526	17283	3084	20367	49.97
15	5921	377	281	6579	27	5421	152	6108	6159	-1540	16798	466	17264	3126	20390	49.93
16	6023	358	280	6661	35	5472	106	6090	6191	-1520	16945	393	17338	3127	20465	49.95
17	5975	143	280	6398	39	5464	53	5773	5673	-1548	16079	438	16517	3100	19617	49.94
18	6004	121	280	6405	71	5473	3	4847	4680	-1425	15207	414	15621	3047	18668	49.92
19	6043	281	285	6609	105	5498	0	5019	4888	-1520	15580	240	15820	3046	18866	49.97
20	6057	224	287	6568	80	5487	0	5339	4454	-1484	15105	233	15338	2978	18316	50.01
21	6009	197	287	6493	111	5142	0	5083	4861	-1457	15150	208	15358	2749	18107	50.03
22	5962	201	291	6454	127	5139	0	4803	4230	-1412	14538	178	14716	2663	17379	50.05
23	5886	219	291	6396	154	5019	0	4594	4474	-1419	14624	131	14755	2472	17227	49.95
24	5441	554	292	6287	190	5016	0	4347	4314	-1439	14368	127	14495	2461	16956	49.99
MUs	136.77	5.71	6.93	149.41	2.61	125.39	1.21	131.16	128.86	-30.60	376.88	8.52	385.40	64.09	449.49	49.97

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/Oct/2015

Position as on 6.30 Hrs of 30/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	
MSPGCL	Koyna Unit 6	75	29/10/2015	08.00	29/10/2015	17.25	Preventive Maintenance 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	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	
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 5	108	28/10/2015	10.56		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit-8	500	29/10/2015	22.39	30/10/2015	00.51	M.S.Temp.Low.	
RINFRA-G	REL Unit 2	250	30/10/2015	04.11		Continued.	Turbine Vibration Problem..	

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

Statement-VII

Position as on 6.30 Hrs of 30/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							
Dhule Sar'Sarovar I	InterState	28/10/2015	10.58	29/10/2015	06.50	PO	Work @ SSNL End.
Kolhapur Mapusa II	InterState	28/10/2015	20.16	29/10/2015	06.55	HT	Over Voltage
Kolhapur Mapusa I	InterState	29/10/2015	16.44	30/10/2015	06.37	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	29/10/2015	17.01	29/10/2015	18.46	EO	To Attend Hot Spot on Isolator.
Dhule Sar'Sarovar I	InterState	29/10/2015	20.07	30/10/2015	06.52	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-I	IntraState	28/10/2015	16.34	29/10/2015	06.40	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/10/2015	17.09	29/10/2015	06.30	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/10/2015	18.01	29/10/2015	06.27	HT	Over Voltage
Chandrapur-Parali 2	IntraState	29/10/2015	08.16	29/10/2015	18.58	PO	For Fixing & Replacement of Broken Spacer Cum Vibration Dampers.
Deepnagar Taptitanda	IntraState	29/10/2015	10.20	29/10/2015	18.20	PO	Balance Rectification Work Observed in Joint Petroling.
Karad-Jaigad - I	IntraState	29/10/2015	16.33	30/10/2015	06.45	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/10/2015	17.43		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	29/10/2015	20.36	30/10/2015	06.40	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 1 @Girwali	IntraState	28/10/2015	21.17	29/10/2015	05.04	T	Differential protection
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
Chakan-Mahindra Vehicle	IntraState	29/10/2015	09.22	29/10/2015	15.41	PO	Half yearly maintenance work
Chandrapur MIDC - GEPL Ckt I	IntraState	29/10/2015	10.13	29/10/2015	16.13	PO	Testing of CT PT Work @ GEPL.
Dhule-Chalisagaon	IntraState	29/10/2015	11.31	29/10/2015	13.01	PO	For CB Timing & CT Tan Delta Measurment.
Chitegaon-Shendra Ckt-I	IntraState	29/10/2015	12.37	29/10/2015	14.05	PO	Line Signature Test.
Parli 2-(Girwali) -Murud	IntraState	29/10/2015	12.54	29/10/2015	20.40	PO	Tan Delta Measurment of CT & CC.
Tata Borivli MSETCL Borivli 4	IntraState	29/10/2015	14.44	29/10/2015	17.24	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivli	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
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	29/10/2015	18.06	30/10/2015	00.14	PO	Measurment of Tan Delta of ICT Bushing.SFRA Test of ICT.
132 KV LINE Outages/Trippings							
Harangul - Nilanga	IntraState	28/10/2015	23.47	29/10/2015	00.10	T	Distance Protection Operated Zone-I R Phase.

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