

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Jan/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.357	3278.916	1) Gujrat	-4.003	-107.233
2) Hydro	8.248	265.327	2) Madhya Pradesh	7.875	170.035
3) Gas	10.963	283.185	3) Chattisgarh	5.370	131.400
Total MSPGCL	129.568	3827.428	4) Maharashtra Net	68.029	1991.255
B) 1) APLM	48.548	1381.315	5) Goa (Amona)	-0.562	-14.537
2) JSWEL	26.184	672.545	6) TAPS 1&2 Injection	3.721	106.894
3) VIPL	10.613	281.561	7) RGPPL Injection	11.712	214.640
4) RPL(AMT)	23.928	684.848	8) Pench (MS)	0.513	13.304
5) WPCL	4.596	131.630	9) Pench (Excess)	-0.513	-13.304
6) Other IPP	10.454	300.630	Total	91.629	2479.150
C) 1) TPCL Thermal	5.483	371.047	a) Mumbai Schedule	16.860	402.116
2) TPCL Hydro	4.863	67.604	b) Mumbai Drawl	25.143	617.899
3) TPCL Gas	4.204	105.227	c) MSEDCL Bilateral *	25.105	633.489
4) R-INFRA Thermal	10.473	205.723	Include PX	-6.767	-157.801
D) STATE			d) Mumbai Bilateral *	16.860	402.116
1) Thermal	250.636	7308.215	Include PX	1.781	53.457
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.111	332.931	H) ENERGY CATERED (MUs)		
3) Gas	15.167	388.412	1) MSEDCL	326.519	9306.294
4) Wind	4.835	131.749	2) Mumbai Discoms	50.167	1367.510
6) SOLAR	1.307	33.337	TOTAL STATE	376.686	10673.804
TOTAL STATE	285.056	8194.644			

* 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	4946	4738	4490	4496
MSPGCL Hydro	300	170	664	133
MSPGCL Gas	442	432	452	469
MSPGCL Total Generation	5688	5340	5606	5098
Central Sector Receipt	4705	4715	4564	2332
WIND	309	162	97	243
CPP / IPP	5881	5590	4944	4891
SOLAR	152	189	0	0
Exchange with Mumbai	-1306	-1239	-1318	-547
MSEDCL DEMAND MET	15429	14757	13893	12017
Load Shedding	9	9	7	6
MSEDCL DEMAND	15438	14766	13900	12023
TPCL GENERATION	774	855	785	381
R-INFRA GENERATION	519	519	399	400
MUMBAI DEMAND	2599	2613	2502	1328
STATE DEMAND MET	18028	17370	16395	13345
STATE DEMAND	18037	17379	16402	13351
Frequency (Hz)	49.98	49.95	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 18.02 Hrs	49.73 Hz at 06.48 Hrs	49.97	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/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.54	57.32	155	130
Unit 6	0.00	0.00	0	0
Unit 7	4.00	105.78	180	160
Unit 8	13.19	229.40	660	481
Total	20.73	392.50		
Bhusawal				
Unit 2	4.02	114.66	175	160
Unit 3	3.98	119.34	175	150
Unit 4	8.83	276.30	380	360
Unit 5	8.92	270.22	380	360
Total	25.74	780.53		
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	0.00	33.88	0	0
Unit 3	4.16	120.32	202	163
Unit 4	4.18	123.98	195	168
Unit 5	0.00	0.00	0	0
Unit 6	9.64	272.00	425	376
Unit 7	0.00	267.39	0	0
Total	17.99	817.57		
Paras				
Unit 3	3.79	115.53	217	124
Unit 4	5.09	127.71	256	190
Total	8.88	243.24		
Khaparkheda				
Unit 1	3.81	110.44	165	155
Unit 2	3.94	112.98	175	160
Unit 3	4.01	116.86	172	165
Unit 4	3.91	98.07	167	160
Unit 5	9.72	279.95	510	355
Total	25.39	718.30		
Nasik				
Unit 3	3.86	119.80	165	140
Unit 4	3.87	86.22	168	156
Unit 5	3.90	120.76	166	159
Total	11.62	326.78		
Uran				
All Units	10.96	283.18	483	424
Total	10.96	283.18		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.51	13.30	37	0
Total	0.51	13.30		
Koyna				
Stage 1-2	2.48	97.78	345	40
Stage 4	0.34	50.11	153	0
Stage 3	0.71	32.37	160	0
Total	3.53	180.26		
Hydro				
KDPH	0.85	12.16	36	35
VTRNA	0.48	17.20	61	0
TILLARI	0.18	2.01	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	3.76	80	0
RNGR+BHTSA	0.00	6.23	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.38	16.19	58	57
GHATGHAR	1.42	27.51	250	0
Total	4.72	85.06		
Wind				
Total	4.84	131.75	0	0
Total	4.84	131.75		
CPP				
APML(Mus)	48.55	1381.32	0	0
JSWEL(Mus)	26.18	672.54	0	0
VIPL(Mus)	10.61	281.56	0	0
RPLAMT(Mus)	23.93	684.85	0	0
WPCL(Mus)	4.60	131.63	0	0
Other(Mus)	10.45	300.63	0	0
Total	124.32	3452.53		
SOLAR				
Total	1.31	33.34	0	0
Total	1.31	33.34		
Tata				
Trombay 5	0.00	219.09	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.63	65.05	115	97
Trombay 7B	1.58	40.18	68	63
Trombay 8	5.48	151.96	244	200
TATA Hydro	4.86	67.60	444	28
Total	14.55	543.88		
R-INFRA				
1-2	10.47	205.72	521	395
Total	10.47	205.72		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	110.36	3278.92
MSPGCL Thml+Gas	121.32	3562.10

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.25	265.33
MSPGCL Total	129.57	3827.43

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.82	147.89
State Total	285.06	8194.64

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Jan/2016

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4494	143	480	5117	207	4883	0	2909	2664	-785	12086	7	12093	1563	13656	49.96
2	4521	143	470	5134	214	4885	0	2619	2364	-645	11952	6	11958	1428	13386	49.96
3	4526	138	479	5143	216	4889	0	2437	2361	-583	12026	6	12032	1363	13395	50.00
4	4496	133	469	5098	243	4891	0	2432	2332	-547	12017	6	12023	1328	13351	49.98
5	4502	138	479	5119	338	4888	0	2602	2456	-563	12238	6	12244	1342	13586	49.96
6	4514	138	466	5118	352	4890	0	3577	3400	-697	13063	9	13072	1479	14551	49.94
7	4588	148	483	5219	347	4971	0	4466	4185	-849	13873	9	13882	1669	15551	49.90
8	4824	530	471	5825	337	5602	11	4517	4652	-820	15607	9	15616	1864	17480	49.93
9	4923	497	482	5902	307	6027	62	4651	4377	-1007	15668	9	15677	2173	17850	49.98
10	4914	469	460	5843	314	5968	137	4794	4306	-1189	15379	9	15388	2418	17806	49.98
11	4946	300	442	5688	309	5881	152	4862	4705	-1306	15429	9	15438	2599	18037	49.98
12	4911	391	445	5747	247	5797	181	4891	4548	-1319	15201	9	15210	2631	17841	50.00
13	4738	170	432	5340	162	5590	189	4760	4715	-1239	14757	9	14766	2613	17379	49.95
14	4663	138	427	5228	118	5433	182	4714	4508	-1119	14350	10	14360	2480	16840	50.02
15	4599	165	424	5188	140	5253	161	4713	4830	-1213	14359	7	14366	2491	16857	49.98
16	4485	378	439	5302	129	4980	122	4846	4915	-1250	14198	7	14205	2502	16707	49.93
17	4434	353	440	5227	103	4936	85	4690	4802	-1252	13901	7	13908	2498	16406	49.95
18	4429	308	443	5180	77	4936	25	3937	4121	-1277	13062	7	13069	2465	15534	50.00
19	4398	416	437	5251	110	4927	0	4330	4225	-1340	13173	7	13180	2480	15660	49.99
20	4490	664	452	5606	97	4944	0	4551	4564	-1318	13893	7	13900	2502	16402	49.96
21	4489	904	456	5849	93	4956	0	3616	3872	-1319	13451	7	13458	2317	15775	49.98
22	4499	872	466	5837	93	4952	0	3084	3141	-1287	12736	7	12743	2144	14887	49.99
23	4508	274	464	5246	107	4929	0	2965	3030	-1164	12148	7	12155	1979	14134	49.95
24	4466	438	457	5361	175	4918	0	2630	2556	-1055	11955	7	11962	1838	13800	49.98
MUs	110.36	8.25	10.96	129.57	4.83	124.32	1.31	93.59	91.63	-25.14	326.52	0.18	326.70	50.17	376.87	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/Jan/2016

Position as on 6.30 Hrs of 30/Jan/2016

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	Chandrapur Unit 5	500	27/12/2015	18.50		Continued.	Capital Overhaul.	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
TPC-G	Trombay 5	500	26/01/2016	21.55		Continued.	Boiler 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 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	
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	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	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
CPP	WPCL U-1	135	07/01/2016	02.00		Continued.	Withdrawn, changeover to Unit-3	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	19/01/2016	14.34		Continued.	Overhauling	
IPP	Adani U-1	660	23/01/2016	10.06		Continued.	Main Fuel Tank Tripped.	
MSPGCL	Uran Unit 6	108	23/01/2016	21.16		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 5	500	27/01/2016	18.50	30/01/2016	02.06	Capital Overhauling	
MSPGCL	Chandrapur Unit 7	500	28/01/2016	22.50		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	30/01/2016	00.02		Continued.	MSEDCL Zero Shedule.	
MSPGCL	Koradi Unit 7	210	30/01/2016	00.12		Continued.	MSEDCL Zero Shedule.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 30/Jan/2016

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	28/01/2016	13.05	29/01/2016	07.23	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	28/01/2016	21.15	29/01/2016	07.12	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	29/01/2016	17.17		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	29/01/2016	21.16		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Babhaleshwar-Taptitanda ckt-I	IntraState	23/01/2016	07.21		Continued.	PO	Change Over.
Lonikand I - Koyna stage-IV	IntraState	25/01/2016	18.04	29/01/2016	17.03	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/01/2016	10.06		Continued.	PO	Quarterly Maintainance Work
Koradi-India Bulls	IntraState	27/01/2016	16.54		Continued.	PO	Taken on TBC due to havey sparking on isolator
karad -kolhapur-I	IntraState	28/01/2016	16.02	29/01/2016	09.33	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/01/2016	19.01	29/01/2016	07.18	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/01/2016	06.21	29/01/2016	17.03	OO	Insulator Replacement Work
Deepnagar Waluj 1	IntraState	29/01/2016	10.00	29/01/2016	18.44	PO	Distance Relay Testing Work
Babhaleshwar - Padghe-II	IntraState	29/01/2016	12.21	29/01/2016	15.09	T	Distance Protection
Jejuri- Koy nastage-IV	IntraState	29/01/2016	15.26	30/01/2016	06.22	T	Y Ph CT Burst at Koyana Satage IV
karad -kolhapur-II	IntraState	29/01/2016	16.21		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/01/2016	20.12		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
400/220kv 105mva 1 Ph Spare Ict @New Koyna	IntraState	29/01/2016	12.22	29/01/2016	16.24	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	29/01/2016	09.24	29/01/2016	18.22	PO	Insulator Replacement Work
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.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Hinjawadi I- Chinchwad	IntraState	25/01/2016	09.54		Continued.	PO	For Urse-Chinchwad Outage
Urse-Chinchwad	IntraState	25/01/2016	10.33		Continued.	PO	Lilo Arrangement.
Pophali - Kdph	IntraState	29/01/2016	08.30	29/01/2016	17.40	PO	P.M.Work
TALEGAON - TALEGAON (PG)	IntraState	29/01/2016	09.55	29/01/2016	17.09	PO	Quarterly Maintainance Work
Ongc Uran - Jnpt	IntraState	29/01/2016	12.21	29/01/2016	17.50	PO	Relay Testing Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	29/01/2016	07.40	29/01/2016	16.44	PO	Testing Work

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