

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.470	2765.115	1) Gujrat	-1.282	-63.959
2) Hydro	5.167	200.828	2) Madhya Pradesh	14.095	353.669
3) Gas	13.624	303.723	3) Chattisgarh	7.890	204.550
Total MSPGCL	115.261	3269.666	4) Maharashtra Net	103.061	2652.519
B) 1) APML	64.220	1805.842	5) Goa (Amona)	-0.912	-14.726
2) JSWEL	28.514	774.293	6) TAPS 1&2 Injection	3.623	105.325
3) VIPL	12.627	350.166	7) RGPPL Injection	11.593	333.522
4) RPL(AMT)	21.304	547.706	8) Pench (MS)	0.244	4.305
5) WPCL	4.736	111.364	9) Pench (Excess)	-0.244	-4.305
6) Other IPP	8.349	238.567	Total	137.824	3566.595
C) 1) TPCL Thermal	16.174	409.308	a) Mumbai Schedule	26.917	623.136
2) TPCL Hydro	3.994	87.357	b) Mumbai Drawl	32.942	764.046
3) TPCL Gas	4.197	122.870	c) MSEDCL Bilateral *	35.164	909.996
4) R-INFRA Thermal	5.571	256.758	Include PX	-1.069	-39.925
D) STATE			d) Mumbai Bilateral *	26.917	622.436
1) Thermal	257.965	7259.119	Include PX	8.822	122.993
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.700
2) Hydro	9.161	288.185	H) ENERGY CATERED (MUs)		
3) Gas	17.821	426.593	1) MSEDCL	372.461	10213.659
4) Wind	11.209	274.943	2) Mumbai Discoms	62.878	1640.327
6) SOLAR	1.359	38.563	TOTAL STATE	435.339	11853.986
TOTAL STATE	297.515	8287.403			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4330	4336	4197	3627
MSPGCL Hydro	363	334	430	140
MSPGCL Gas	542	559	558	588
MSPGCL Total Generation	5235	5229	5185	4355
Central Sector Receipt	6321	5970	5782	5073
WIND	107	67	703	500
CPP / IPP	6221	6168	5839	5314
SOLAR	184	194	0	0
Exchange with Mumbai	-1559	-1543	-1403	-1038
MSEDCL DEMAND MET	16509	16085	16106	14204
Load Shedding	0	0	0	0
MSEDCL DEMAND	16509	16085	16106	14204
TPCL GENERATION	1318	1315	1259	697
R-INFRA GENERATION	249	257	259	200
MUMBAI DEMAND	3126	3115	2921	1935
STATE DEMAND MET	19635	19200	19027	16139
STATE DEMAND	19635	19200	19027	16139
Frequency (Hz)	50.00	50.02	49.90	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13:00 Hrs	49.73 Hz at 19:33 Hrs	49.99	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/Mar/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	4.01	0	0
Unit 8	0.00	79.53	0	0
Total	0.00	83.54		
Bhusawal				
Unit 2	3.96	81.40	190	160
Unit 3	3.96	107.84	185	160
Unit 4	10.19	155.48	500	350
Unit 5	10.26	264.84	510	350
Total	28.37	609.54		
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	0.00	0	0
Unit 3	4.42	110.04	199	165
Unit 4	4.34	124.00	196	160
Unit 5	10.18	289.48	460	359
Unit 6	0.00	40.63	0	0
Unit 7	9.59	272.61	435	347
Total	28.52	836.75		
Paras				
Unit 3	5.65	133.24	261	193
Unit 4	5.60	117.36	260	195
Total	11.25	250.60		
Khaparkheda				
Unit 1	3.98	105.70	175	160
Unit 2	4.07	116.43	180	160
Unit 3	4.19	106.41	195	155
Unit 4	4.33	117.25	212	158
Unit 5	0.00	146.97	0	0
Total	16.56	592.77		
Nasik				
Unit 3	4.00	100.76	185	160
Unit 4	3.76	99.15	185	11
Unit 5	4.00	115.89	199	162
Total	11.76	315.80		
Uran				
All Units	13.62	303.72	624	533
Total	13.62	303.72		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.24	4.30	47	0
Total	0.24	4.30		
Koyna				
Stage 1-2	1.44	78.08	205	40
Stage 4	0.00	28.34	0	0
Stage 3	0.11	22.42	80	0
Total	1.55	128.84		
Hydro				
KDPH	0.77	15.06	33	32
VTRNA	0.00	0.00	0	0
TILLARI	0.38	5.64	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	5.39	40	0
RNGR+BHTSA	0.20	5.91	12	0
BHANDARDRA	0.31	3.29	13	12
ELDARY	0.23	0.45	10	9
SMLHY_PTN	0.69	24.43	29	28
GHATGHAR	0.84	11.83	158	0
Total	3.61	71.99		
Wind				
Total	11.21	274.94	0	0
Total	11.21	274.94		
CPP				
APML(Mus)	64.22	1805.84	0	0
JSWEL(Mus)	28.51	774.29	0	0
VIPL(Mus)	12.63	350.17	0	0
RPLAMT(Mus)	21.30	547.71	0	0
WPCL(Mus)	4.74	111.36	0	0
Other(Mus)	8.35	238.57	0	0
Total	139.75	3827.94		
SOLAR				
Total	1.36	38.56	0	0
Total	1.36	38.56		
Tata				
Trombay 5	10.52	277.01	490	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.63	77.07	115	83
Trombay 7B	1.56	45.80	67	57
Trombay 8	5.65	132.30	248	201
TATA Hydro	3.99	87.36	434	25
Total	24.36	619.54		
R-INFRA				
1-2	5.57	256.76	260	200
Total	5.57	256.76		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	96.47	2765.12
MSPGCL Thml+Gas	110.09	3068.84

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.17	200.83
MSPGCL Total	115.26	3269.67

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.44	106.42
State Total	297.52	8287.40

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 29/Mar/2016

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	3806	140	587	4533	664	5817	0	5441	5569	-1309	15274	0	15274	2411	17685	49.99
2	3818	135	588	4541	690	5631	0	5292	5107	-1188	14781	0	14781	2171	16952	50.02
3	3635	144	579	4358	636	5337	0	5139	5304	-1126	14509	0	14509	2026	16535	50.01
4	3627	140	588	4355	500	5314	0	5000	5073	-1038	14204	0	14204	1935	16139	49.99
5	3615	144	590	4349	511	5302	0	5067	5348	-996	14514	0	14514	1895	16409	49.99
6	3759	136	605	4500	501	5559	0	5201	5617	-1059	15118	0	15118	1959	17077	49.97
7	4123	150	609	4882	397	5749	0	5420	5492	-1000	15520	0	15520	2033	17553	50.01
8	4425	192	624	5241	217	5946	32	5501	5440	-996	15880	0	15880	2166	18046	50.05
9	4441	260	565	5266	219	6149	70	5779	5691	-1309	16086	0	16086	2495	18581	50.03
10	4335	329	533	5197	209	6191	137	6045	5947	-1452	16229	0	16229	2830	19059	49.98
11	4337	372	536	5245	130	6209	162	6099	6049	-1499	16296	0	16296	3037	19333	49.99
12	4330	363	542	5235	107	6221	184	6196	6321	-1559	16509	0	16509	3126	19635	50.00
13	4336	334	559	5229	67	6168	194	6125	5970	-1543	16085	0	16085	3115	19200	50.02
14	4332	175	566	5073	108	6142	177	6041	5980	-1510	15970	0	15970	2992	18962	50.03
15	4306	174	553	5033	253	6189	155	6049	6107	-1621	16116	0	16116	3053	19169	49.97
16	4316	149	534	4999	362	6170	133	6055	5946	-1586	16024	0	16024	3094	19118	49.97
17	4172	153	538	4863	569	5948	78	5885	6237	-1614	16081	0	16081	3077	19158	49.97
18	3640	132	565	4337	514	5686	35	5528	5847	-1499	14920	0	14920	3014	17934	50.05
19	3818	255	549	4622	584	5439	2	5528	5968	-1478	15137	0	15137	2893	18030	49.98
20	4197	430	558	5185	703	5839	0	5841	5782	-1403	16106	0	16106	2921	19027	49.90
21	4117	206	570	4893	830	5842	0	5747	5580	-1515	15630	0	15630	2827	18457	49.98
22	3688	123	564	4375	878	5748	0	5561	5760	-1642	15119	0	15119	2682	17801	49.93
23	3663	157	557	4377	823	5578	0	5667	5984	-1556	15206	0	15206	2582	17788	49.93
24	3634	374	565	4573	737	5573	0	5586	5705	-1444	15144	0	15144	2544	17688	49.96
MUs	96.47	5.17	13.62	115.26	11.21	139.75	1.36	135.79	137.82	-32.94	372.46	0.00	372.46	62.88	435.34	49.99

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/Mar/2016

Position as on 6.30 Hrs of 30/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(Converted to AOH for 30 Days from 00.00Hrs 06-03-2016)	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedha Unit 5	500	15/03/2016	01.12		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		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	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
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	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
RGPL	Dabhol 3X	290	03/02/2016	15:36		Continued.	Change Over	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Chandrapur Unit 6	500	05/03/2016	10.15		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit-8	660	10/03/2016	12.30		Continued.	Ash Evacuation problem	
MSPGCL	Koyana Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
RINFRA-G	REL Unit 2	250	18/03/2016	08.39		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	20/03/2016	00.00		Continued.	Zero schedule by MSEDCL	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
MSPGCL	Nasik Unit 4	210	28/03/2016	22.55	29/03/2016	00.45	PA Fan problem	

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

Statement-VII

Position as on 6.30 Hrs of 30/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Tirora - I	IntraState	29/03/2016	08.40	29/03/2016	12.45	T	R Ph CT Burst @ Koradi End.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	28/03/2016	17.20	30/03/2016	06.45	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	28/03/2016	17.46	29/03/2016	06.47	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over(outage taken on 2/3/2016 at 10.34hrs for commissioning of 765KV Ektuni S/Stn)
Babhaleshwar-Taptitanda ckt-I	IntraState	17/03/2016	14.36		Continued.	PO	Attending Hot Spot RFC AT 17.24
Bhusawal-Aurangabad	IntraState	26/03/2016	20.56		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/03/2016	05.26		Continued.	T	Distance Protection (RFC @ 17.15 Hrs).
karad -kolhapur-II	IntraState	28/03/2016	16.33	29/03/2016	08.53	HT	Over Voltage
Padghe - Nagothane - II	IntraState	29/03/2016	13.15	29/03/2016	17.55	PO	Insulator String Replacement Work.
karad -kolhapur-II	IntraState	29/03/2016	18.00		Continued.	HT	Over Voltage
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.
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).
Bableshtar - Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Chitegaon-Shendra Ckt-I	IntraState	18/03/2016	06.57		Continued.	PO	For Making LILO Arrangement on Loc.NO 112 at Aurangabad PG S/S.
Chitegaon-Shendra Ckt-II	IntraState	18/03/2016	06.58		Continued.	PO	For Making LILO Arrangement on Loc.NO 112 at Aurangabad PG S/S.
Bableshtar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
New Koyana - Niwali	IntraState	29/03/2016	08.56	29/03/2016	13.34	PO	Routine Maintenance Work
Miraj - Mhaishal	IntraState	29/03/2016	09.19	29/03/2016	13.24	PO	Quarterly Maintainance Work
Mahad-Kandalgaon	IntraState	29/03/2016	09.40	29/03/2016	18.50	PO	Replacement of Earthwire.
Bombay Dyeing - Sahara	IntraState	29/03/2016	11.50	29/03/2016	19.07	PO	CT Tandelta Testing & R.M.Work.
Bableshtar- Ranjangaon	IntraState	29/03/2016	12.17	29/03/2016	14.43	PO	String Replacement.Stand by Line.
Padghe - Wada	IntraState	29/03/2016	13.30	29/03/2016	15.22	T	Distance Protection
Miraj - Tilwani	IntraState	29/03/2016	14.01	29/03/2016	17.05	PO	Quarterly Maintainance 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)
220/33kV 100 MVA Transformer 4 @Versova R/S	IntraState	28/03/2016	08.33	29/03/2016	06.34	PO	NGT Replacement.
220/33kV 100 MVA Transformer 2 @Ghodbunder R/S	IntraState	28/03/2016	09.32	30/03/2016	03.29	PO	CT Junction Box Replacement (upto 30.3.16).

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