

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.808	3169.209	1) Gujrat	1.867	149.918
2) Hydro	9.169	276.274	2) Madhya Pradesh	9.138	325.230
3) Gas	10.703	294.079	3) Chattisgarh	7.200	203.600
Total MSPGCL	150.680	3739.562	4) Maharashtra Net	94.103	2705.212
B) 1) APML	63.634	1841.844	5) Goa (Amona)	-0.594	-18.666
2) JSWEL	20.369	594.348	Total	111.714	3365.294
3) VIPL	12.691	346.071	a) Mumbai Schedule	17.815	584.330
4) RPL(AMT)	10.600	58.913	b) Mumbai Drawl	19.698	717.937
5) WPCL	4.587	124.288	c) MSEDCL Bilateral *	24.317	712.250
6) PGPL	0.000	0.000	Include PX	-2.366	-99.822
7) Other IPP	4.014	94.912	d) Mumbai Bilateral *	17.815	584.330
C) 1) TPCL Thermal	15.661	424.222	Include PX	0.737	18.852
2) TPCL Hydro	4.013	121.097	Include Standby	0.000	0.000
3) TPCL Gas	4.446	128.295	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.625	298.371	1) MSEDCL	362.586	9697.931
D) STATE			2) Mumbai Discoms	54.443	1689.934
1) Thermal	272.989	6952.178	TOTAL STATE	417.029	11387.865
(A1+C1+C4+(B1-B6))					
2) Hydro	13.182	397.371			
(A2+C2)					
3) Gas	15.149	422.374			
(A3+B6+C3)					
4) Wind	2.723	217.597			
6) SOLAR	1.272	33.039			
TOTAL STATE	305.315	8022.559			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5656	5781	5753	4966
MSPGCL Hydro	517	615	1179	182
MSPGCL Gas	449	421	433	457
MSPGCL Total Generation	6622	6817	7365	5605
Central Sector Receipt	4921	4803	5216	3364
WIND	180	90	136	156
CPP / IPP Thermal	5143	5105	5111	4322
CPP / IPP Gas	0	0	0	0
SOLAR	115	13	0	0
Exchange with Mumbai	-703	-685	-839	-677
MSEDCL DEMAND MET	16278	16143	16989	12770
Load Shedding	0	0	0	0
MSEDCL DEMAND	16278	16143	16989	12770
TPCL GENERATION	1257	1214	1212	699
R-INFRA GENERATION	509	508	508	386
MUMBAI DEMAND	2469	2407	2559	1762
STATE DEMAND MET	18747	18550	19548	14532
STATE DEMAND	18747	18550	19548	14532
Frequency (Hz)	49.95	50.01	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 17.02 Hrs	49.8 Hz at 05.22 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/Oct/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	2.89	33.35	165	0
Unit 8	8.58	307.86	492	300
Total	11.48	341.21		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.88	97.66	505	360
Unit 5	10.80	66.36	505	360
Total	21.68	164.02		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.62	13.38	116	0
Unit 7	1.27	43.55	187	0
Total	1.89	56.93		
Chandrapur				
Unit 3	4.47	88.19	199	163
Unit 4	4.50	109.58	199	170
Unit 5	10.10	278.02	450	361
Unit 6	10.38	285.23	475	360
Unit 7	9.48	265.71	422	355
Unit 8	10.87	283.54	500	360
Total	49.78	1310.27		
Paras				
Unit 3	0.00	127.76	0	0
Unit 4	5.38	138.75	250	188
Total	5.38	266.51		
Khaparkheda				
Unit 1	3.65	52.35	160	140
Unit 2	3.70	53.60	165	140
Unit 3	3.85	76.11	165	157
Unit 4	3.84	60.58	164	152
Unit 5	9.42	303.74	410	370
Total	24.47	546.38		
Nasik				
Unit 3	4.34	95.54	200	160
Unit 4	4.37	124.25	205	160
Unit 5	0.00	27.27	0	0
Total	8.72	247.06		
Uran				
All Units	10.70	294.08	473	413
Total	10.70	294.08		
PGPL				
Unit 1	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.88	24.24	53	17
Total	0.88	24.24		
Koyna				
Stage 1-2	3.98	96.90	490	40
Stage 4	1.14	76.27	572	0
Stage 3	1.39	39.76	160	0
Total	6.52	212.93		
Hydro				
KDPH	0.44	9.84	19	18
VTRNA	0.00	5.00	0	0
TILLARI	0.38	8.68	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	8.56	80	0
RNGR+BHTSA	0.37	4.55	16	15
BHANDARDRA	0.00	1.46	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	10.96	26	16
GHATGHAR	0.63	14.29	240	0
Total	2.65	63.34		
Wind				
Total	2.72	217.60	0	0
Total	2.72	217.60		
CPP				
APML(Mus)	63.63	1841.84	0	0
JSWEL(Mus)	20.37	594.35	0	0
VIPL(Mus)	12.69	346.07	0	0
RPLAMT(Mus)	10.60	58.91	0	0
WPCL(Mus)	4.59	124.29	0	0
Other(Mus)	4.01	94.91	0	0
Total	115.90	3060.38		
SOLAR				
Total	1.27	33.04	0	0
Total	1.27	33.04		
Tata				
Trombay 5	10.17	270.47	495	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.84	81.49	120	114
Trombay 7B	1.61	46.80	69	65
Trombay 8	5.49	153.76	249	200
TATA Hydro	4.01	121.10	347	24
Total	24.12	673.61		
R-INFRA				
1-2	10.62	298.37	511	385
Total	10.62	298.37		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	89.85	MSPGCL Thermal	130.81	3169.21	MSPGCL Total	150.68	3739.56
Koradi 9	6.42	145.98	MSPGCL Thml+Gas	141.51	3463.29	Koyna 1,2 & 4 Total	5.13	173.17
Koradi 10	0.00	0.00	MSPGCL Hydro	9.17	276.27	State Total	305.32	8022.56
Parli 8	1.00	1.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Oct/2016

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			THM	GAS										
1	4979	102	451	5532	187	4450	0	0	3542	3661	-976	12854	0	12854	2059	14913	49.97
2	4996	127	455	5578	178	4326	0	0	3265	3653	-856	12879	0	12879	1942	14821	49.99
3	4995	227	467	5689	179	4325	0	0	3266	3339	-746	12786	0	12786	1831	14617	49.98
4	4966	182	457	5605	156	4322	0	0	3260	3364	-677	12770	0	12770	1762	14532	49.97
5	4957	242	463	5662	157	4335	0	0	3458	3937	-665	13426	0	13426	1751	15177	49.94
6	5017	387	473	5877	146	4407	0	0	4365	4729	-750	14409	0	14409	1861	16270	49.91
7	5323	661	463	6447	154	4750	0	0	4745	4774	-737	15388	0	15388	1925	17313	49.96
8	5628	261	468	6357	184	5099	0	29	4872	4866	-474	16061	0	16061	2006	18067	49.97
9	5614	411	460	6485	135	5114	0	79	4970	5235	-550	16498	0	16498	2177	18675	49.97
10	5656	517	449	6622	180	5143	0	115	4951	4921	-703	16278	0	16278	2469	18747	49.95
11	5602	590	443	6635	98	5121	0	179	4976	4962	-877	16118	0	16118	2567	18685	49.95
12	5641	230	428	6299	42	4980	0	178	5069	5162	-1134	15527	0	15527	2609	18136	49.97
13	5677	478	431	6586	26	5017	0	177	5035	4898	-1071	15633	0	15633	2580	18213	49.96
14	5751	164	421	6336	24	5083	0	190	4907	4997	-839	15791	0	15791	2526	18317	49.98
15	5698	349	416	6463	23	5089	0	145	4936	5045	-800	15965	0	15965	2519	18484	49.97
16	5741	314	415	6470	26	5102	0	108	4985	5053	-767	15992	0	15992	2489	18481	49.98
17	5760	369	413	6542	47	5108	0	59	4966	4999	-718	16037	0	16037	2458	18495	49.98
18	5781	615	421	6817	90	5105	0	13	4956	4803	-685	16143	0	16143	2407	18550	50.01
19	5753	1179	433	7365	136	5111	0	0	5227	5216	-839	16989	0	16989	2559	19548	50.00
20	5764	788	459	7011	166	5103	0	0	5309	5275	-827	16728	0	16728	2577	19305	49.99
21	5610	387	447	6444	145	5025	0	0	5235	5379	-850	16143	0	16143	2556	18699	49.97
22	5700	275	465	6440	86	4916	0	0	4981	4761	-908	15295	0	15295	2345	17640	49.99
23	5424	169	442	6035	74	4552	0	0	4765	4481	-1163	13979	0	13979	2296	16275	49.96
24	4775	145	463	5383	84	4311	0	0	3892	4204	-1086	12896	0	12896	2172	15068	49.96
MUs	130.81	9.17	10.70	150.68	2.72	115.90	0.00	1.27	109.93	111.71	-19.70	362.59	0.00	362.59	54.44	417.03	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/2016

Position as on 6.30 Hrs of 30/Oct/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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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 PPA.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
IPP	RPL(AMT) U-2	270	12/09/2016	00.03		Continued.	Zero Schedule by MSEDCL	
PGPL	PGPL U2	126	14/09/2016	00.16		Continued.	Due To No Shedule.	
PGPL	PGPL U1	262	14/09/2016	00.20		Continued.	Due To No Shedule.	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koyna Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
MSPGCL	Nasik Unit 5	210	07/10/2016	16.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 9	500	24/10/2016	21.37		Continued.	Bearing vibration high	
MSPGCL	Parli Unit 6	250	27/10/2016	07.30	29/10/2016	16.48	Coal mill broblem	
MSPGCL	Koradi Unit 9	660	27/10/2016	14.50	29/10/2016	00.32	Water Wall intermediate tube temp.high	
MSPGCL	Parli Unit 8	250	29/10/2016	03.53	29/10/2016	07.12	HPT Exhaust Temp.High	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Oct/2016

Position as on 6.30 Hrs of 30/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 7	250	29/10/2016	07.13		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	29/10/2016	18.15	29/10/2016	21.21	Turbine Problem	
MSPGCL	Koradi Unit 7	210	29/10/2016	20.13		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	29/10/2016	22.00		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	29/10/2016	23.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 9	660	29/10/2016	23.37		Continued.	Generator Seal Oil Leakage	
MSPGCL	Parli Unit 8	250	30/10/2016	02.33	30/10/2016	04.40	Boiler Tripped	
IPP	WPCL U-3	135	30/10/2016	06.55		Continued.	ID Fan Problem	
MSPGCL	Parli Unit 8	250	30/10/2016	13.36	30/10/2016	15.39	Flame Failure	
MSPGCL	Parli Unit 8	250	30/10/2016	16.07	30/10/2016	18.37	M.S.Temp.Low	

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

Statement-VII

Position as on 6.30 Hrs of 30/Oct/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							
Dabhol Nagothane I	InterState	28/10/2016	12.48		Continued.	T	Distance Protection(RFC 07.40Hrs)
Dhule Sar'Sarovar I	InterState	28/10/2016	20.31	29/10/2016	08.24	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	29/10/2016	21.04	30/10/2016	07.43	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	30/10/2016	15.10	30/10/2016	17.52	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	30/10/2016	21.01		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	30/10/2016	23.04		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
karad -kolhapur-I	IntraState	28/10/2016	23.52	29/10/2016	09.31	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/10/2016	23.57		Continued.	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	29/10/2016	10.11	29/10/2016	14.23	PO	Quarterly Maintanance Work
Bhusawal-Aurangabad	IntraState	29/10/2016	14.04	29/10/2016	16.05	EO	To attend Hot Spot
karad -kolhapur-I	IntraState	30/10/2016	02.09		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT-II @Waluj	IntraState	29/10/2016	11.43	29/10/2016	13.47	EO	To attend Hot Spot
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end) (QM work done from 13:05Hrs to 17:23Hrs on 5/10/2016)
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
Borivali - Tarapur	InterState	28/10/2016	23.36	29/10/2016	01.10	HT	Attending Hot Spot
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.
Bableswhar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableswhar -Bhenda	IntraState	24/10/2016	06.57		Continued.	HT	Alephata line loading.
Kalwa - Borivali	IntraState	27/10/2016	08.32		Continued.	HT	Outage availed on28.10.2016 at 08:09 hrs for construction activity of Mumbai strenghtning work
Mulund - GIS Bhandup	IntraState	27/10/2016	08.53		Continued.	HT	outage availed on 28.10.2016 at 09:30hrs for construction activity of mumbai strenghtning work.
Chandrapur GCR - Sicom I	IntraState	29/10/2016	08.17	29/10/2016	13.10	PO	Routine Maintenance Work
Pophli Pedhmbe Line- 1	IntraState	29/10/2016	09.10	29/10/2016	11.55	PO	Oil Top Up in CT
Koradi II - Kawlewada	IntraState	29/10/2016	09.14	29/10/2016	11.58	EO	To attend Hot Spot
Tata Borivli MSETCL Borivli 5	IntraState	29/10/2016	09.49	29/10/2016	12.25	EO	To attend Hot Spot
Butibori - Khaperkheda	IntraState	29/10/2016	10.27	29/10/2016	12.31	PO	Repl.of Isolator Blade
Nanded-Parbhani	IntraState	29/10/2016	17.02	29/10/2016	19.37	HT	Heavy Sparking
Kandalgaon - Koyna	IntraState	30/10/2016	08.53	30/10/2016	16.10	T	Distance Protection
Ghatghar - Jindal	IntraState	30/10/2016	16.59		Continued.	T	Distance Protection
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)
132 KV LINE Outages/Trippings							

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

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

Statement-VII

Position as on 6.30 Hrs of 30/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132KV NIwali - Vikassugar	IntraState	28/10/2016	20.24	29/10/2016	17.34	T	Line Diff.Prot.operated
Dondaicha-Nandurbar	IntraState	29/10/2016	11.45	29/10/2016	12.03	T	Master Trip Relay operated