

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	74.189	2708.218	1) Gujrat	-3.054	-24.719
2) Hydro	7.145	255.076	2) Madhya Pradesh	14.932	309.962
3) Gas	10.325	211.308	3) Chattisgarh	8.440	175.420
Total MSPGCL	91.659	3174.602	4) Maharashtra Net	78.813	2327.034
B) 1) APML	65.460	1721.690	5) Goa (Amona)	-0.708	-16.328
2) JSWEL	21.284	577.618	6) TAPS 1&2 Injection	7.545	221.516
3) VIPL	12.981	329.806	7) RGPPL Injection	12.297	345.099
4) RPL(AMT)	0.000	65.208	8) Pench (MS)	0.945	27.396
5) WPCL	2.648	118.109	9) Pench (Excess)	-0.945	-27.396
6) PGPL	0.000	80.445	Total	117.320	3310.588
7) Other IPP	2.805	73.375	a) Mumbai Schedule	20.373	538.234
C) 1) TPCL Thermal	14.760	368.155	b) Mumbai Drawl	26.036	697.423
2) TPCL Hydro	4.232	148.960	c) MSEDCL Bilateral *	26.565	780.298
3) TPCL Gas	4.433	122.798	Include PX	-2.796	-56.764
4) R-INFRA Thermal	10.315	297.028	d) Mumbai Bilateral *	20.373	537.720
D) STATE			Include PX	1.326	33.518
1) Thermal	204.442	6259.207	Include Standby	0.000	0.514
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro	11.377	404.036	1) MSEDCL	309.187	9372.483
3) Gas	14.758	414.551	2) Mumbai Discoms	59.776	1634.511
4) Wind	19.896	591.395	TOTAL STATE	368.963	11006.994
6) SOLAR	1.170	27.070			
TOTAL STATE	251.643	7696.259			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3035	3294	3439	2627
MSPGCL Hydro	960	67	630	61
MSPGCL Gas	420	423	435	440
MSPGCL Total Generation	4415	3784	4504	3128
Central Sector Receipt	5144	5447	5603	3813
WIND	660	842	903	936
CPP / IPP Thermal	4451	4429	4770	4154
CPP / IPP Gas	0	0	0	0
SOLAR	125	20	0	0
Exchange with Mumbai	-1115	-1374	-1039	-686
MSEDCL DEMAND MET	13680	13148	14741	11345
Load Shedding	0	0	0	0
MSEDCL DEMAND	13680	13148	14741	11345
TPCL GENERATION	1263	1083	1290	705
R-INFRA GENERATION	505	384	510	388
MUMBAI DEMAND	2883	2841	2839	1779
STATE DEMAND MET	16563	15989	17580	13124
STATE DEMAND	16563	15989	17580	13124
Frequency (Hz)	49.99	49.97	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.01 Hrs	49.78 Hz at 18.09 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/Sep/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	10.83	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	51.03	0	0
Unit 8	0.00	274.50	0	0
Total	0.00	336.36		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	6.80	0	0
Unit 4	0.00	93.04	0	0
Unit 5	0.00	136.14	0	0
Total	0.00	235.98		
Parli				
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 3	4.40	121.28	193	161
Unit 4	4.32	101.01	186	167
Unit 5	9.16	255.62	420	350
Unit 6	9.28	230.03	430	310
Unit 7	8.48	246.10	395	315
Unit 8	7.80	154.52	427	181
Total	43.44	1108.56		
Paras				
Unit 3	5.50	127.86	254	169
Unit 4	5.64	138.81	263	190
Total	11.14	266.67		
Khaparkheda				
Unit 1	0.00	45.01	0	0
Unit 2	0.00	62.12	0	0
Unit 3	0.00	70.68	0	0
Unit 4	0.00	68.43	0	0
Unit 5	8.60	251.42	395	300
Total	8.60	497.65		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.19	119.80	205	160
Unit 5	4.22	119.81	203	162
Total	8.41	239.61		
Uran				
All Units	10.32	211.31	442	408
Total	10.32	211.31		
PGPL				
Unit 1	0.00	51.09	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	29.35	0	0
Total	0.00	80.44		
PENCH (MS)				
Pench (MS)	0.94	27.40	53	21
Total	0.94	27.40		
Koyna				
Stage 1-2	3.18	87.10	405	40
Stage 4	1.47	41.65	240	0
Stage 3	0.98	40.37	166	0
Total	5.63	169.12		
Hydro				
KDPH	0.00	13.36	0	0
VTRNA	0.00	4.97	0	0
TILLARI	0.37	9.20	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	13.06	80	0
RNGR+BHTSA	0.00	2.67	0	0
BHANDARDRA	0.00	7.07	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.59	13.66	34	21
GHATGHAR	0.14	21.97	104	0
Total	1.52	85.96		
Wind				
Total	19.90	591.40	0	0
Total	19.90	591.40		
CPP				
APML(Mus)	65.46	1721.69	0	0
JSWEL(Mus)	21.28	577.62	0	0
VIPL(Mus)	12.98	329.81	0	0
RPLAMT(Mus)	0.00	65.21	0	0
WPCL(Mus)	2.65	118.11	0	0
Other(Mus)	2.80	73.38	0	0
Total	105.18	2885.81		
SOLAR				
Total	1.17	27.07	0	0
Total	1.17	27.07		
Tata				
Trombay 5	9.45	219.26	489	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	77.20	120	115
Trombay 7B	1.62	45.60	69	66
Trombay 8	5.31	148.90	250	200
TATA Hydro	4.23	148.96	384	0
Total	23.42	639.91		
R-INFRA				
1-2	10.32	297.03	510	384
Total	10.32	297.03		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	2.60	23.38
Koradi 9	0.00	0.00
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	74.19	2708.22
MSPGCL Thml+Gas	84.51	2919.53
MSPGCL Hydro	7.14	255.08

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	91.66	3174.60
Koyna 1,2 & 4 Total	4.65	128.75
State Total	251.64	7696.26

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Sep/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	2618	117	429	3164	920	4185	0	0	4260	4318	-964	11623	0	11623	2054	13677	49.95
2	2630	61	440	3131	863	4193	0	0	3898	4080	-790	11477	0	11477	1880	13357	50.00
3	2627	61	440	3128	936	4154	0	0	3574	3813	-686	11345	0	11345	1779	13124	49.99
4	2695	61	440	3196	958	3953	0	0	3726	4075	-633	11549	0	11549	1721	13270	50.02
5	2606	116	440	3162	1266	3915	0	0	3822	4199	-648	11894	0	11894	1734	13628	50.01
6	2698	326	442	3466	972	4191	0	0	4368	4522	-714	12437	0	12437	1828	14265	49.94
7	2944	303	438	3685	994	4404	0	4	4674	4530	-699	12918	0	12918	2005	14923	49.94
8	2968	514	437	3919	891	4444	0	24	4678	4947	-802	13423	0	13423	2241	15664	49.98
9	2916	794	433	4143	802	4455	0	72	4756	5001	-874	13599	0	13599	2482	16081	49.98
10	3035	960	420	4415	660	4451	0	125	4896	5144	-1115	13680	0	13680	2883	16563	49.99
11	3141	551	425	4117	602	4439	0	129	5005	5217	-1241	13263	0	13263	3004	16267	50.00
12	3175	331	433	3939	602	4456	0	177	5167	5231	-1321	13084	0	13084	3067	16151	50.00
13	3128	73	417	3618	563	4444	0	164	5171	5097	-1381	12505	0	12505	3031	15536	50.01
14	3245	62	423	3730	610	4437	0	166	5021	5067	-1392	12618	0	12618	2898	15516	49.99
15	3129	87	413	3629	601	4459	0	137	5079	5183	-1467	12542	0	12542	2935	15477	49.97
16	3176	157	408	3741	629	4435	0	93	5177	5280	-1490	12688	0	12688	2936	15624	50.00
17	3166	92	423	3681	657	4470	0	59	5174	5379	-1437	12809	0	12809	2899	15708	49.94
18	3294	67	423	3784	842	4429	0	20	5210	5447	-1374	13148	0	13148	2841	15989	49.97
19	3450	566	424	4440	968	4548	0	0	5524	5400	-1183	14173	0	14173	2837	17010	49.95
20	3439	630	435	4504	903	4770	0	0	5508	5603	-1039	14741	0	14741	2839	17580	49.97
21	3574	392	427	4393	958	4736	0	0	5058	5424	-1145	14366	0	14366	2708	17074	49.95
22	3585	582	438	4605	852	4627	0	0	4764	4970	-1218	13836	0	13836	2522	16358	49.99
23	3601	175	437	4213	933	4392	0	0	4802	4879	-1266	13151	0	13151	2407	15558	49.96
24	3349	67	440	3856	914	4189	0	0	4493	4514	-1157	12316	0	12316	2245	14561	49.98
MUs	74.19	7.15	10.32	91.66	19.90	105.18	0.00	1.17	113.81	117.32	-26.04	309.19	0.00	309.19	59.78	368.96	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/Sep/2016

Position as on 6.30 Hrs of 30/Sep/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	
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 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.	
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	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No consent to operate	
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	
MSPGCL	Koyna Unit 8	80	19/08/2016	11.00		Continued.	High Vibration On LGB & UGB.	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Nasik Unit 3	210	28/08/2016	21.45		Continued.	Zero Shedule By MSEDCL.	
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	
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.	
IPP	RPL(AMT) U-1	270	14/09/2016	23.55		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	15/09/2016	18.09		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 4	500	15/09/2016	23.59		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koradi Unit 7	210	16/09/2016	00.06		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 1	210	17/09/2016	13.39		Continued.	Zero Schedule by MSEDCL	

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

Position as on 6.30 Hrs of 30/Sep/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 2	210	17/09/2016	13.43		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 5	500	17/09/2016	13.51		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	17/09/2016	20.40		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	17/09/2016	20.48		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	22/09/2016	13.47		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koyna Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
MSPGCL	Koradi Unit-8	660	26/09/2016	21.37		Continued.	Zero Schedule by MSEDCL	
CPP	WPCL U-4	135	26/09/2016	23.49		Continued.	Wet Coal.	
MSPGCL	Chandrapur Unit 9	500	29/09/2016	13.52	29/09/2016	14.52	Drum level low	

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

Statement-VII

Position as on 6.30 Hrs of 30/Sep/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	26/09/2016	12.03	29/09/2016	07.37	T	Distance Protection (RFC 20:08 hrs)
Kolhapur Solapur(PG) I	InterState	28/09/2016	22.39	29/09/2016	06.27	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	29/09/2016	09.11	29/09/2016	20.20	EO	Maintenance Work
Dhule Sar'Sarovar I	InterState	29/09/2016	21.07	30/09/2016	06.26	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	29/09/2016	22.49	30/09/2016	06.40	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
karad -kolhapur-I	IntraState	17/09/2016	03.43		Continued.	T	Over Voltage,B Pole of Breaker Brust.
New Koyna - Dabhol-I	IntraState	26/09/2016	09.22		Continued.	PO	String Replacement/ Bend cross-arm and peak replacment Work.
Khadka-Aurangabad (Waluj)	IntraState	27/09/2016	13.03	29/09/2016	07.38	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	28/09/2016	09.53	29/09/2016	09.20	PO	R.M. Work And Diagnostic Testing Work.
Lonikand I - Koyna stage-IV	IntraState	29/09/2016	02.06	29/09/2016	06.27	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/09/2016	07.11	29/09/2016	11.45	PO	Replacement of pilot string
Deepnagar Taptitanda	IntraState	29/09/2016	07.43	29/09/2016	18.42	PO	Routine Maintenance Work
New Koyna - Koyna Stage IV-II	IntraState	29/09/2016	12.30	29/09/2016	18.57	PO	Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	29/09/2016	17.12		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/09/2016	23.37		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/09/2016	23.39		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	20/08/2016	11.06		Continued.	PO	Shifted on TBC, by hot line jumper open for construction of kudas bay ektuni CKT-2 will remain off during this outage period.
400/220KV 500MVA ICT1@koradi 2	IntraState	28/09/2016	11.02		Continued.	EO	Attending Oil Leakage
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end)
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.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Bableswhar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Deepnagar Bambhori	IntraState	22/09/2016	14.07		Continued.	T	Distance Protection
Kalwa - Borivali	IntraState	28/09/2016	08.02		Continued.	PO	Balance tower erection work
Chakan-Chinchwad	IntraState	28/09/2016	21.33	29/09/2016	05.57	PO	construction work
Telco- Chinchwad	IntraState	28/09/2016	21.36	29/09/2016	05.55	PO	construction work
Mahad - Pedambe	IntraState	29/09/2016	08.11	29/09/2016	16.38	EO	Routine Maintenance Work
Mumewadi -Halkarni I	IntraState	29/09/2016	11.01	29/09/2016	14.51	PO	Relay Replacement work
Alephata-Pargaon(Kathapur)	IntraState	29/09/2016	12.39	29/09/2016	16.20	PO	Maintenance Work
Chakan-Chinchwad	IntraState	29/09/2016	21.22		Continued.	PO	construction work
Telco- Chinchwad	IntraState	29/09/2016	21.39		Continued.	PO	construction work
220 KV ICT 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/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 30/Sep/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
220/132 Kv 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	03/09/2016	14.45		Continued.	PO	Dismantling of ICT 1 &transfer to 220kv Amalner S/S.
220/132kv 100MVA ICT-1@ Amalner	IntraState	26/09/2016	09.30		Continued.	PO	Augmentation work.
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	29/09/2016	09.30	29/09/2016	12.30	PO	Attending Hot Spot
220/132 kv 150MVA ICT II@ GCR Nashik	IntraState	29/09/2016	09.44	29/09/2016	17.44	PO	Attending Hot Spot
100 KV LINE Outages/Trippings							
Vasai-li - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.