

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Oct/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	91.325	605.480	1) Gujrat	6.234	36.076
2) Hydro	8.160	48.771	2) Madhya Pradesh	11.442	78.337
3) Gas	10.192	64.519	3) Chattisgarh	7.600	48.410
Total MSPGCL	109.677	718.770	4) Maharashtra Net	82.920	552.402
B) 1) APML	64.041	422.797	5) Goa (Amona)	-0.754	-4.550
2) JSWEL	20.880	143.571	Total	107.442	710.675
3) VIPL	11.604	76.061	a) Mumbai Schedule	20.172	132.470
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.149	178.249
5) WPCL	3.993	24.229	c) MSEDCL Bilateral *	20.505	145.962
6) PGPL	0.000	0.000	Include PX	-6.957	-46.853
7) Other IPP	2.795	18.545	d) Mumbai Bilateral *	20.172	132.470
C) 1) TPCL Thermal	14.820	92.926	Include PX	0.118	1.063
2) TPCL Hydro	2.964	21.874	Include Standby	0.000	0.000
3) TPCL Gas	4.388	30.633	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.925	66.633	1) MSEDCL	303.210	2058.909
D) STATE			2) Mumbai Discoms	59.247	390.326
1) Thermal	219.383	1450.242	TOTAL STATE	362.457	2449.235
(A1+C1+C4+(B1-B6))					
2) Hydro	11.124	70.645			
(A2+C2)					
3) Gas	14.580	95.152			
(A3+B6+C3)					
4) Wind	8.891	117.175			
6) SOLAR	1.036	5.335			
TOTAL STATE	255.014	1738.549			

* 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 4 Hrs
MSPGCL Thermal	4047	3714	4285	3540
MSPGCL Hydro	342	252	1257	125
MSPGCL Gas	459	451	437	338
MSPGCL Total Generation	4848	4417	5979	4003
Central Sector Receipt	5073	5049	5066	3460
WIND	151	386	441	495
CPP / IPP Thermal	4520	4225	4600	4003
CPP / IPP Gas	0	0	0	0
SOLAR	101	21	0	0
Exchange with Mumbai	-1296	-1379	-1303	-565
MSEDCL DEMAND MET	13397	12719	14783	11396
Load Shedding	0	0	0	0
MSEDCL DEMAND	13397	12719	14783	11396
TPCL GENERATION	1019	1072	1124	701
R-INFRA GENERATION	501	386	507	387
MUMBAI DEMAND	2816	2837	2934	1653
STATE DEMAND MET	16213	15556	17717	13049
STATE DEMAND	16213	15556	17717	13049
Frequency (Hz)	49.96	49.93	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 23.59 Hrs	49.8 Hz at 17.51 Hrs	49.96	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 07/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	0.00	0.00	0	0
Unit 8	11.94	62.02	546	450
Total	11.94	62.02		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
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	1.58	11.03	150	0
Unit 4	0.00	17.77	0	0
Unit 5	9.06	62.78	435	345
Unit 6	9.52	63.41	460	358
Unit 7	9.02	61.85	424	347
Unit 8	9.18	61.41	486	265
Total	38.36	278.26		
Paras				
Unit 3	4.90	34.01	250	185
Unit 4	5.04	33.92	250	190
Total	9.94	67.93		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	18.33	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.94	67.84	500	395
Total	10.94	86.17		
Nasik				
Unit 3	1.26	1.26	175	0
Unit 4	4.29	28.91	201	169
Unit 5	2.72	27.27	195	17
Total	8.27	57.44		
Uran				
All Units	10.19	64.52	459	332
Total	10.19	64.52		
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)	0.86	5.11	44	33
Total	0.86	5.11		
Koyna				
Stage 1-2	2.66	18.15	395	40
Stage 4	1.03	5.98	436	0
Stage 3	0.93	6.31	240	0
Total	4.63	30.44		
Hydro				
KDPH	0.77	2.98	33	32
VTRNA	0.83	4.81	58	0
TILLARI	0.33	2.05	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	2.16	80	0
RNGR+BHTSA	0.36	0.92	16	0
BHANDARDRA	0.16	1.08	7	6
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	2.66	28	17
GHATGHAR	0.30	1.66	125	0
Total	3.53	18.33		
Wind				
Total	8.89	117.18	0	0
Total	8.89	117.18		
CPP				
APML(Mus)	64.04	422.80	0	0
JSWEL(Mus)	20.88	143.57	0	0
VIPL(Mus)	11.60	76.06	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.99	24.23	0	0
Other(Mus)	2.80	18.54	0	0
Total	103.31	685.20		
SOLAR				
Total	1.04	5.34	0	0
Total	1.04	5.34		
Tata				
Trombay 5	9.31	57.53	486	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	19.39	120	114
Trombay 7B	1.61	11.25	69	66
Trombay 8	5.51	35.40	248	199
TATA Hydro	2.96	21.87	347	10
Total	22.17	145.43		
R-INFRA				
1-2	9.92	66.63	509	385
Total	9.92	66.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	5.85	27.39	MSPGCL Thermal	91.32	605.48	MSPGCL Total	109.68	718.77
Koradi 9	6.03	26.27	MSPGCL Thml+Gas	101.52	670.00	Koyna 1,2 & 4 Total	3.70	24.13
Koradi 10	0.00	0.00	MSPGCL Hydro	8.16	48.77	State Total	255.01	1738.55
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/Oct/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			THM	GAS										
1	3595	177	338	4110	602	4192	0	0	3372	3395	-885	11414	0	11414	1969	13383	49.97
2	3472	368	332	4172	569	4170	0	0	2936	3090	-746	11255	0	11255	1830	13085	49.95
3	3547	111	335	3993	520	4232	0	0	2940	3227	-616	11356	0	11356	1701	13057	49.98
4	3540	125	338	4003	495	4003	0	0	3583	3460	-565	11396	0	11396	1653	13049	49.97
5	3555	210	405	4170	485	3864	0	0	3626	3671	-583	11608	0	11608	1668	13276	49.95
6	3860	370	454	4684	486	4214	0	0	3758	3891	-722	12553	0	12553	1809	14362	49.95
7	3877	595	453	4925	403	4496	0	6	4416	4315	-853	13292	0	13292	1943	15236	49.98
8	4114	145	444	4703	282	4507	0	42	4765	4792	-938	13388	0	13388	2210	15598	49.99
9	4213	278	453	4944	165	4511	0	77	4922	4962	-979	13680	0	13680	2379	16059	49.96
10	4047	342	459	4848	151	4520	0	101	5007	5073	-1296	13397	0	13397	2816	16213	49.96
11	4040	259	442	4741	153	4546	0	121	5218	4824	-1546	12839	0	12839	3040	15879	49.95
12	3758	192	438	4388	118	4309	0	127	5078	5234	-1524	12652	0	12652	3064	15716	49.92
13	3819	177	438	4434	141	4283	0	107	4953	4517	-1506	11976	0	11976	2975	14951	49.95
14	3544	171	426	4141	145	4155	0	144	4874	4976	-1376	12185	0	12185	2868	15053	49.97
15	3416	229	438	4083	149	4071	0	129	4602	4751	-1369	11814	0	11814	2883	14697	49.95
16	3367	512	432	4311	229	4201	0	96	4671	4862	-1445	12254	0	12254	2904	15158	49.95
17	3407	266	431	4104	406	4231	0	65	4936	4958	-1415	12349	0	12349	2876	15225	49.95
18	3714	252	451	4417	386	4225	0	21	4964	5049	-1379	12719	0	12719	2837	15556	49.93
19	3893	999	452	5344	410	4423	0	0	5125	5203	-1215	14165	0	14165	2911	17076	49.95
20	4285	1257	437	5979	441	4600	0	0	5094	5066	-1303	14783	0	14783	2934	17717	50.00
21	4125	572	449	5146	515	4555	0	0	5100	5037	-1222	14031	0	14031	2739	16770	49.99
22	4230	266	449	4945	521	4485	0	0	4839	4708	-1268	13391	0	13391	2604	15995	49.99
23	4060	173	450	4683	550	4377	0	0	4577	4408	-1237	12781	0	12781	2384	15165	49.97
24	3847	114	448	4409	569	4141	0	0	4412	3973	-1161	11931	0	11931	2249	14180	49.98
MUs	91.32	8.16	10.19	109.68	8.89	103.31	0.00	1.04	107.77	107.44	-27.15	303.21	0.00	303.21	59.25	362.46	49.96

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 07/Oct/2016

Position as on 6.30 Hrs of 08/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	
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	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	07/10/2016	13.45	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	
MSPGCL	Khaparkheda Unit 2	210	17/09/2016	13.43		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Oct/2016

Position as on 6.30 Hrs of 08/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 5	500	17/09/2016	13.51		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	Parli Unit 6	250	30/09/2016	21.51		Continued.	Zero scheduling.from 30/09/2016.	
MSPGCL	Chandrapur Unit 3	210	03/10/2016	08.23	07/10/2016	09.41	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	05/10/2016	14.20		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	05/10/2016	20.56		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koyna Unit 1	75	06/10/2016	01.35	07/10/2016	03.15	TGB oil cooler leakage	
MSPGCL	Uran Unit 5	108	07/10/2016	02.13	07/10/2016	02.27	Tripped	
MSPGCL	Chandrapur Unit 9	500	07/10/2016	13.08	07/10/2016	16.09	Low Vacuum	
MSPGCL	Nasik Unit 5	210	07/10/2016	16.30		Continued.	Zero Schedule By MSEDCL	
IPP	WPCL U-3	135	07/10/2016	21.00		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 08/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							
Kolhapur Solapur(PG) I	InterState	06/10/2016	22.00	07/10/2016	06.28	HT	Over Voltage
Dhule Khandwa I	InterState	07/10/2016	23.48		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padghe-BBLSR L/L
karad -kolhapur-I	IntraState	17/09/2016	03.43		Continued.	T	Over Voltage,B Pole of Breaker Burst.
Karad-Jaigad - I	IntraState	30/09/2016	20.35		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	03/10/2016	09.52	07/10/2016	07.34	PO	R.M Work (RFC at 17.48 hrs at 03/10/2016) Kept open for overvoltage
Deepnagar - Aurangabad	IntraState	06/10/2016	04.01	07/10/2016	16.39	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	07/10/2016	00.50	07/10/2016	06.38	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/10/2016	01.21		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 kudus 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
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	07/10/2016	13.24	07/10/2016	18.56	EO	Attending Hot Spot
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	07/10/2016	15.47		Continued.	T	Y ph HV side LA Burst
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) (QM work done from 13:05Hrs to 17:23Hrs on 5/10/2016)
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.
Bableshwar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableshwar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Kalwa - Borivali	IntraState	28/09/2016	08.02		Continued.	PO	Balance tower erection work
Bhaveghar - Kolshet	IntraState	07/10/2016	09.11	07/10/2016	19.55	PO	Roma builder subsation LILO work
Temghar - Kalwa	IntraState	07/10/2016	10.20	07/10/2016	18.12	PO	Routine Maintenance Work
Hamidwada-Mumewadi	IntraState	07/10/2016	15.22	07/10/2016	17.00	PO	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)
220/132 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 100MVA ICT-2 @ Baramati	IntraState	07/10/2016	09.45	07/10/2016	13.20	PO	Routine Maintenance Work
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	07/10/2016	10.05	07/10/2016	17.16	PO	Routine Maintenance Work
220/132 Kv 200 MVA ICT-I	IntraState	07/10/2016	10.25	07/10/2016	14.56	PO	Attending Hot Spot

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 07/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 08/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Malegaon							
132 KV LINE Outages/Trippings							
Boisar li - Viraj	IntraState	07/10/2016	09.05	07/10/2016	17.20	PO	jumper Replacement work
100 KV LINE Outages/Trippings							
Vasai-li - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.