

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 09/Oct/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	89.743	790.015	1) Gujrat	7.764	51.407
2) Hydro	6.211	59.088	2) Madhya Pradesh	11.836	101.182
3) Gas	10.664	85.898	3) Chattisgarh	7.370	63.600
Total MSPGCL	106.618	935.001	4) Maharashtra Net	81.215	720.096
B) 1) APML	62.263	545.759	5) Goa (Amona)	-0.548	-5.846
2) JSWEL	20.467	185.119	Total	107.637	930.439
3) VIPL	10.476	96.934	a) Mumbai Schedule	15.621	166.436
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.556	229.049
5) WPCL	2.487	29.008	c) MSEDCL Bilateral *	19.987	186.324
6) PGPL	0.000	0.000	Include PX	-6.726	-60.804
7) Other IPP	2.700	23.739	d) Mumbai Bilateral *	15.621	166.436
C) 1) TPCL Thermal	12.455	118.157	Include PX	0.169	1.270
2) TPCL Hydro	0.838	26.280	Include Standby	0.000	0.000
3) TPCL Gas	4.392	39.440	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.248	85.344	1) MSEDCL	300.959	2667.771
D) STATE			2) Mumbai Discoms	51.489	498.281
1) Thermal	209.839	1874.075	TOTAL STATE	352.448	3166.052
(A1+C1+C4+(B1-B6))					
2) Hydro	7.049	85.368			
(A2+C2)					
3) Gas	15.056	125.338			
(A3+B6+C3)					
4) Wind	11.699	143.368			
6) SOLAR	1.168	7.453			
TOTAL STATE	244.811	2235.602			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3666	3670	4120	3714
MSPGCL Hydro	446	142	829	222
MSPGCL Gas	452	438	460	454
MSPGCL Total Generation	4564	4250	5409	4390
Central Sector Receipt	5424	4877	4936	3049
WIND	369	248	611	486
CPP / IPP Thermal	4171	4242	4451	3949
CPP / IPP Gas	0	0	0	0
SOLAR	120	182	0	0
Exchange with Mumbai	-1062	-1167	-1113	-664
MSEDCL DEMAND MET	13586	12632	14294	11210
Load Shedding	0	0	0	0
MSEDCL DEMAND	13586	12632	14294	11210
TPCL GENERATION	725	697	977	695
R-INFRA GENERATION	385	385	384	385
MUMBAI DEMAND	2172	2249	2474	1744
STATE DEMAND MET	15758	14881	16768	12954
STATE DEMAND	15758	14881	16768	12954
Frequency (Hz)	49.99	50.01	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 14.01 Hrs	49.85 Hz at 04.53 Hrs	50	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 09/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	11.49	85.55	520	430
Total	11.49	85.55		
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	4.01	19.05	185	163
Unit 4	4.04	23.69	183	163
Unit 5	8.92	80.53	415	360
Unit 6	8.92	81.26	440	351
Unit 7	8.65	79.36	382	350
Unit 8	9.18	79.53	473	312
Total	43.72	363.42		
Paras				
Unit 3	4.82	43.64	250	184
Unit 4	4.78	43.45	250	185
Total	9.60	87.09		
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	9.85	87.90	500	360
Total	9.85	106.22		
Nasik				
Unit 3	4.04	9.32	175	160
Unit 4	4.06	37.14	175	160
Unit 5	0.00	27.27	0	0
Total	8.10	73.73		
Uran				
All Units	10.66	85.90	462	427
Total	10.66	85.90		
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)	0.24	5.36	32	0
Total	0.24	5.36		
Koyna				
Stage 1-2	2.88	22.58	440	40
Stage 4	0.28	6.51	164	0
Stage 3	0.93	7.92	148	0
Total	4.08	37.01		
Hydro				
KDPH	0.87	4.37	37	36
VTRNA	0.00	4.81	0	0
TILLARI	0.25	2.55	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	2.64	75	0
RNGR+BHTSA	0.20	1.29	20	0
BHANDARDRA	0.04	1.12	14	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.27	3.21	28	0
GHATGHAR	0.33	2.09	125	0
Total	2.13	22.08		
Wind				
Total	11.70	143.37	0	0
Total	11.70	143.37		
CPP				
APML(Mus)	62.26	545.76	0	0
JSWEL(Mus)	20.47	185.12	0	0
VIPL(Mus)	10.48	96.93	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.49	29.01	0	0
Other(Mus)	2.70	23.74	0	0
Total	98.39	880.56		
SOLAR				
Total	1.17	7.45	0	0
Total	1.17	7.45		
Tata				
Trombay 5	7.51	72.88	315	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	24.96	120	114
Trombay 7B	1.61	14.48	69	66
Trombay 8	4.94	45.27	247	199
TATA Hydro	0.84	26.28	228	8
Total	17.68	183.88		
R-INFRA				
1-2	9.25	85.34	387	384
Total	9.25	85.34		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	1.16	35.34
Koradi 9	5.82	38.65
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	89.74	790.02
MSPGCL Thml+Gas	100.41	875.91
MSPGCL Hydro	6.21	59.09

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	106.62	935.00
Koyna 1,2 & 4 Total	3.15	29.10
State Total	244.81	2235.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	3712	307	442	4461	656	3771	0	0	3395	3498	-1030	11356	0	11356	2113	13469	49.99
2	3755	327	449	4531	528	3782	0	0	3084	3095	-835	11101	0	11101	1918	13019	49.97
3	3747	232	453	4432	504	3898	0	0	3327	3171	-724	11281	0	11281	1805	13086	49.98
4	3714	222	454	4390	486	3949	0	0	3367	3049	-664	11210	0	11210	1744	12954	50.01
5	3729	220	462	4411	512	3863	0	0	3338	3434	-657	11563	0	11563	1737	13300	49.96
6	3720	238	456	4414	477	3924	0	0	4115	4149	-706	12258	0	12258	1785	14043	49.98
7	3653	111	462	4226	442	4105	0	0	4856	4708	-741	12740	0	12740	1820	14560	50.00
8	3654	157	452	4263	404	4151	0	21	5263	4972	-796	13015	0	13015	1875	14890	49.99
9	3649	233	431	4313	330	4166	0	65	5302	5499	-970	13403	0	13403	2052	15455	49.99
10	3666	446	452	4564	369	4171	0	120	5292	5424	-1062	13586	0	13586	2172	15758	49.99
11	3558	517	428	4503	261	4130	0	163	5212	5087	-1238	12906	0	12906	2327	15233	50.03
12	3706	418	441	4565	255	4238	0	154	5075	4931	-1249	12894	0	12894	2330	15224	49.99
13	3670	142	438	4250	248	4242	0	182	5316	4877	-1167	12632	0	12632	2249	14881	50.01
14	3591	81	439	4111	370	4136	0	126	5281	4854	-1147	12450	0	12450	2227	14677	50.05
15	3569	96	428	4093	515	4059	0	142	4767	4801	-1140	12470	0	12470	2223	14693	50.02
16	3619	120	437	4176	635	4054	0	102	4694	4593	-1098	12462	0	12462	2179	14641	50.01
17	3575	172	429	4176	736	3948	0	67	4716	4639	-1085	12481	0	12481	2169	14650	49.98
18	3583	172	448	4203	720	3952	0	24	4940	4562	-1247	12214	0	12214	2336	14550	50.00
19	4033	507	427	4967	684	4265	0	2	5043	4732	-1191	13459	0	13459	2469	15928	49.98
20	4120	829	460	5409	611	4451	0	0	4977	4936	-1113	14294	0	14294	2474	16768	50.00
21	4126	229	445	4800	577	4424	0	0	5110	5023	-1128	13696	0	13696	2469	16165	50.01
22	3906	156	444	4506	524	4307	0	0	5198	4967	-1212	13092	0	13092	2397	15489	50.01
23	3869	161	442	4472	466	4231	0	0	4815	4610	-1224	12555	0	12555	2348	14903	49.98
24	3819	118	445	4382	389	4174	0	0	4396	4026	-1132	11839	0	11839	2271	14110	49.99
MUs	89.74	6.21	10.66	106.62	11.70	98.39	0.00	1.17	110.88	107.64	-24.56	300.96	0.00	300.96	51.49	352.45	50.00

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 09/Oct/2016

Position as on 6.30 Hrs of 10/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 (Zero Schedule by MSEDCL at 21:51 Hrs on 30.09.2016)	
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	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	
MSPGCL	Bhusawal Unit 5	500	17/09/2016	13.51		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Oct/2016

Position as on 6.30 Hrs of 10/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	Koyana Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
MSPGCL	Khaparkheda Unit 3	210	05/10/2016	20.56		Continued.	Zero Schedule By MSEDCL	
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	10/10/2016	03.05	ID Fan Problem	
MSPGCL	Chandrapur Unit 9	500	09/10/2016	10.37		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 10/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	08/10/2016	21.56	09/10/2016	07.46	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	09/10/2016	23.58		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	01/08/2016	09.53	09/10/2016	12.08	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.RFC @1905 DT 20.09.2016.
Karad - Jaigad - II	IntraState	08/10/2016	17.20		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/10/2016	21.30		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	09/10/2016	08.14	09/10/2016	18.24	PO	Maintenance Work & LE Scheme Work.
Ektuni-Bableshwar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Attending Hot Spot
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	20/08/2016	11.06	09/10/2016	08.54	PO	Shifted on TBC, by hot line jumper open for construction of kudus bay ektuni CKT-2 will remain off during this outage period.
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	09/10/2016	09.02	09/10/2016	20.18	PO	Routine Maintenance Work
Pusad-WardhaPG(Deoli)	IntraState	09/10/2016	09.58	09/10/2016	10.18	T	Tripped @ Wardha PG End Only.
Padghe - Jambhul 1	IntraState	09/10/2016	11.43	09/10/2016	20.45	PO	Maintenance 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.
132 KV LINE Outages/Trippings							
Malegaon-Washim	IntraState	09/10/2016	17.30		Continued.	T	R Ph CT Burst @ Washim End.
Kalmeshwar-Saoner 2	IntraState	09/10/2016	17.31	09/10/2016	17.57	T	Distance Protection

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