

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Oct/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	91.122	248.996	1) Gujrat	4.727	9.398
2) Hydro	4.992	17.601	2) Madhya Pradesh	10.046	30.224
3) Gas	10.739	32.196	3) Chattisgarh	6.600	20.730
Total MSPGCL	106.853	298.793	4) Maharashtra Net	78.021	242.995
B) 1) APML	58.588	176.769	5) Goa (Amona)	-0.594	-1.780
2) JSWEL	20.556	60.516	Total	98.800	301.567
3) VIPL	10.059	33.043	a) Mumbai Schedule	18.137	55.614
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.120	70.424
5) WPCL	4.441	9.802	c) MSEDCL Bilateral *	23.678	73.359
6) PGPL	0.000	0.000	Include PX	-4.856	-11.720
7) Other IPP	2.498	7.713	d) Mumbai Bilateral *	18.137	55.614
C) 1) TPCL Thermal	12.374	39.711	Include PX	0.248	0.435
2) TPCL Hydro	3.935	7.879	Include Standby	0.000	0.000
3) TPCL Gas	4.347	13.145	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.263	29.213	1) MSEDCL	290.169	863.619
D) STATE			2) Mumbai Discoms	56.039	160.373
1) Thermal	208.901	605.763	TOTAL STATE	346.208	1023.992
(A1+C1+C4+(B1-B6))					
2) Hydro	8.927	25.480			
(A2+C2)					
3) Gas	15.086	45.341			
(A3+B6+C3)					
4) Wind	13.953	44.218			
6) SOLAR	0.541	1.622			
TOTAL STATE	247.408	722.424			

* 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	3843	3655	3970	3811
MSPGCL Hydro	254	233	865	66
MSPGCL Gas	446	455	443	449
MSPGCL Total Generation	4543	4343	5278	4326
Central Sector Receipt	5068	4626	5270	2594
WIND	319	751	784	476
CPP / IPP Thermal	4144	4017	4441	3740
CPP / IPP Gas	0	0	0	0
SOLAR	38	2	0	0
Exchange with Mumbai	-1245	-1329	-1355	-463
MSEDCL DEMAND MET	12867	12410	14418	10673
Load Shedding	0	0	0	0
MSEDCL DEMAND	12867	12410	14418	10673
TPCL GENERATION	1029	966	1039	696
R-INFRA GENERATION	387	385	386	387
MUMBAI DEMAND	2661	2680	2780	1546
STATE DEMAND MET	15528	15090	17198	12219
STATE DEMAND	15528	15090	17198	12219
Frequency (Hz)	49.94	50.00	50.01	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13:05 Hrs	49.76 Hz at 18:06 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 03/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	11.70	13.76	503	440
Total	11.70	13.76		
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	1.34	9.45	164	0
Unit 4	4.03	11.84	181	162
Unit 5	8.79	26.57	420	335
Unit 6	8.93	26.62	440	308
Unit 7	8.72	26.16	393	345
Unit 8	8.40	25.49	478	241
Total	40.21	126.13		
Paras				
Unit 3	4.63	14.86	244	180
Unit 4	4.66	14.50	235	177
Total	9.29	29.36		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	3.96	10.90	168	162
Unit 4	0.00	0.00	0	0
Unit 5	9.84	25.78	500	360
Total	13.80	36.68		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.97	12.33	169	161
Unit 5	4.00	12.31	170	162
Total	7.97	24.64		
Uran				
All Units	10.74	32.20	461	431
Total	10.74	32.20		
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)	0.80	2.01	53	20
Total	0.80	2.01		
Koyna				
Stage 1-2	2.18	7.32	425	40
Stage 4	0.44	2.89	366	0
Stage 3	0.87	2.49	160	0
Total	3.48	12.70		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.97	1.85	59	0
TILLARI	0.00	0.49	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	0.88	70	0
RNGR+BHTSA	0.00	0.18	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	0.89	19	6
GHATGHAR	0.08	0.60	83	0
Total	1.51	4.90		
Wind				
Total	13.95	44.22	0	0
Total	13.95	44.22		
CPP				
APML(Mus)	58.59	176.77	0	0
JSWEL(Mus)	20.56	60.52	0	0
VIPL(Mus)	10.06	33.04	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.44	9.80	0	0
Other(Mus)	2.50	7.71	0	0
Total	96.14	287.84		
SOLAR				
Total	0.54	1.62	0	0
Total	0.54	1.62		
Tata				
Trombay 5	7.54	24.67	317	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	8.32	115	103
Trombay 7B	1.60	4.82	68	64
Trombay 8	4.83	15.04	203	199
TATA Hydro	3.94	7.88	387	10
Total	20.66	60.74		
R-INFRA				
1-2	9.26	29.21	388	384
Total	9.26	29.21		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	4.61	14.48	MSPGCL Thermal	91.12	249.00	MSPGCL Total	106.85	298.79
Koradi 9	3.54	3.95	MSPGCL Thml+Gas	101.86	281.19	Koyna 1,2 & 4 Total	2.62	10.21
Koradi 10	0.00	0.00	MSPGCL Hydro	4.99	17.60	State Total	247.41	722.42
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	3790	110	448	4348	607	3746	0	0	3234	2948	-731	10918	0	10918	1811	12729	49.97
2	3792	105	449	4346	603	3744	0	0	2639	2588	-576	10705	0	10705	1658	12363	49.99
3	3853	110	450	4413	536	3805	0	0	2578	2496	-511	10739	0	10739	1595	12334	49.99
4	3811	66	449	4326	476	3740	0	0	2543	2594	-463	10673	0	10673	1546	12219	49.96
5	3879	47	460	4386	496	3731	0	0	2601	2811	-469	10955	0	10955	1550	12505	49.95
6	3803	47	450	4300	496	3763	0	0	3678	3551	-575	11535	0	11535	1677	13212	49.91
7	3820	120	438	4378	433	3776	0	0	4481	4629	-815	12401	0	12401	1892	14293	49.97
8	3898	161	461	4520	347	4011	0	9	4722	5204	-943	13148	0	13148	2048	15196	49.97
9	3845	186	452	4483	326	4188	0	29	4870	5013	-1181	12858	0	12858	2442	15300	49.95
10	3843	254	446	4543	319	4144	0	38	5162	5068	-1245	12867	0	12867	2661	15528	49.94
11	3834	303	446	4583	358	4166	0	50	4957	4705	-1425	12437	0	12437	2897	15334	49.95
12	3736	304	446	4486	416	3923	0	84	4712	4665	-1455	12119	0	12119	2904	15023	49.95
13	3776	103	445	4324	464	3903	0	103	4562	4315	-1441	11668	0	11668	2816	14484	49.98
14	3705	106	443	4254	614	3840	0	87	4182	3905	-1346	11354	0	11354	2696	14050	50.02
15	3789	106	444	4339	711	3825	0	70	4047	3964	-1356	11553	0	11553	2713	14266	49.97
16	3786	75	431	4292	716	3803	0	54	3871	4089	-1404	11550	0	11550	2708	14258	50.00
17	3638	102	441	4181	758	3811	0	15	4025	4155	-1399	11521	0	11521	2702	14223	49.97
18	3655	233	455	4343	751	4017	0	2	4837	4626	-1329	12410	0	12410	2680	15090	50.00
19	3736	784	432	4952	819	4255	0	0	4959	5026	-1330	13722	0	13722	2756	16478	49.95
20	3970	865	443	5278	784	4441	0	0	4946	5270	-1355	14418	0	14418	2780	17198	50.01
21	3989	258	458	4705	745	4621	0	0	4805	4867	-1263	13675	0	13675	2642	16317	49.98
22	3687	255	447	4389	794	4560	0	0	4710	4585	-1236	13092	0	13092	2428	15520	50.03
23	3724	190	448	4362	698	4225	0	0	4487	4167	-1229	12223	0	12223	2309	14532	50.05
24	3763	102	457	4322	686	4101	0	0	3999	3559	-1043	11625	0	11625	2128	13753	50.03
MUs	91.12	4.99	10.74	106.85	13.95	96.14	0.00	0.54	99.61	98.80	-26.12	290.17	0.00	290.17	56.04	346.21	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 03/Oct/2016

Position as on 6.30 Hrs of 04/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	Uran Unit 5	108	04/10/2016	00.13		Continued.	Maintenance work	
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		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 03/Oct/2016

Position as on 6.30 Hrs of 04/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 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 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	Koradi Unit 9	660	02/10/2016	07.08	03/10/2016	01.55	No concern from pollution department.	
MSPGCL	Chandrapur Unit 3	210	03/10/2016	08.23		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	04/10/2016	14.45	04/10/2016	17.18	Stator Rotor Flow Problem.	
RINFRA-G	REL Unit 1	250	04/10/2016	15.12	04/10/2016	19.34	Generator Elect. Fault	
MSPGCL	Chandrapur Unit 9	500	04/10/2016	19.15		Continued.	Electrical Protection Operated.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 04/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	30/09/2016	20.57	03/10/2016	07:53	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	03/10/2016	02.01	04/10/2016	07.29	T	Over Voltage
Koradi Satpur	InterState	03/10/2016	10.46	04/10/2016	21.35	PO	Replacement work
Kolhapur Solapur(PG) I	InterState	04/10/2016	21.00		Continued.	T	Over Voltage
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
Ektuni-Bableshwar ckt I	IntraState	01/10/2016	09.53		Continued.	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	03/10/2016	08.59	03/10/2016	09.22	PO	Testing Work
Deepnagar Waluj 1	IntraState	03/10/2016	09.20	03/10/2016	19.43	PO	Line Maintenance work
N.Koyna-Karad -Ckt II	IntraState	03/10/2016	09.52		Continued.	PO	R.M Work (RFC at 17.48 hrs at 03/10/2016) Kept open for overvoltage
Khadka-Aurangabad (Waluj)	IntraState	03/10/2016	19.47	03/10/2016	09.05	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/10/2016	23.55	04/10/2016	06.36	HT	Over Voltage
Deepnagar Waluj 1	IntraState	04/10/2016	08.01	04/10/2016	18.57	PO	Annual Maintenance Work
Padghe - Nagothane - II	IntraState	04/10/2016	11.40	04/10/2016	16.53	PO	To Attend C Bus Isolator Problem.
Khadka-Aurangabad (Waluj)	IntraState	04/10/2016	19.59		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/10/2016	23.27		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							
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)
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
Taloja II - OCIL-I	IntraState	03/10/2016	08.42		Continued.	PO	Routine Maintenance Work
Loteparshuram- Dasturi Line	IntraState	03/10/2016	09.37	03/10/2016	19.10	PO	Bus outage at Lote.
New Koyna - Loteparshuram	IntraState	03/10/2016	10.05	03/10/2016	18.44	PO	Bus outage at Lote.
Pedhambe - Oni	IntraState	03/10/2016	10.14	03/10/2016	10.35	T	Distance Protection
Bus @ Lote	IntraState	03/10/2016	10.30	03/10/2016	18.45	PO	Replacement of damage Y PH bus conductor.
Kamba - Kolshet	IntraState	03/10/2016	11.38	03/10/2016	15.19	PO	Line Maintenance work
Eklahare (Gcr) - Ghatghar	IntraState	03/10/2016	13.25	03/10/2016	15.05	T	Distance Protection

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 03/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 04/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pophali - Pedambe II	IntraState	04/10/2016	08.05	04/10/2016	18.40	PO	Annual Maintenance Work
New Koyna - Niwali	IntraState	04/10/2016	09.32	04/10/2016	20.18	PO	Diagnostic Work.
Uran - Kharghar I	IntraState	04/10/2016	09.38	04/10/2016	18.55	PO	LA Replacement.
Theur-Jejuri	IntraState	04/10/2016	14.53	04/10/2016	19.19	PO	Relay testing Work.
Shivajinagar - Malegaon	IntraState	04/10/2016	22.37	04/10/2016	23.54	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)
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.
220/132 Kv 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	03/10/2016	14.45		Continued.	PO	Dismantling of ICT 1 And transfer to 220KV Amalner s/s.
220/110kv 100MVA ICT-II @Miraj	IntraState	04/10/2016	11.01	04/10/2016	16.10	PO	Diagnostic Work.
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.

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