

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 22/Oct/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.341	2199.150	1) Gujrat	3.610	132.212
2) Hydro	17.717	208.508	2) Madhya Pradesh	12.543	253.571
3) Gas	10.684	221.999	3) Chattisgarh	7.330	156.300
Total MSPGCL	157.742	2629.657	4) Maharashtra Net	104.836	1999.134
B) 1) APML	65.981	1391.434	5) Goa (Amona)	-0.776	-14.802
2) JSWEL	22.412	447.016	Total	127.543	2526.415
3) VIPL	13.066	258.801	a) Mumbai Schedule	20.979	447.863
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.740	557.247
5) WPCL	2.775	89.893	c) MSEDCL Bilateral *	23.545	529.466
6) PGPL	0.000	0.000	Include PX	-5.085	-83.742
7) Other IPP	3.609	67.916	d) Mumbai Bilateral *	20.979	447.863
C) 1) TPCL Thermal	16.117	316.128	Include PX	0.419	14.760
2) TPCL Hydro	5.053	86.147	Include Standby	0.000	0.000
3) TPCL Gas	4.452	97.186	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.201	224.091	1) MSEDCL	373.682	7066.700
D) STATE			2) Mumbai Discoms	59.563	1280.811
1) Thermal	264.502	4994.429	TOTAL STATE	433.245	8347.511
(A1+C1+C4+(B1-B6))					
2) Hydro	22.770	294.655			
(A2+C2)					
3) Gas	15.136	319.185			
(A3+B6+C3)					
4) Wind	2.002	188.485			
6) SOLAR	1.292	24.330			
TOTAL STATE	305.702	5821.084			

* 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	5809	5310	5446	4805
MSPGCL Hydro	957	1554	2068	83
MSPGCL Gas	448	431	432	454
MSPGCL Total Generation	7214	7295	7946	5342
Central Sector Receipt	5883	5704	5777	4246
WIND	88	114	113	76
CPP / IPP Thermal	4508	4509	4809	4267
CPP / IPP Gas	0	0	0	0
SOLAR	137	13	0	0
Exchange with Mumbai	-932	-889	-1024	-853
MSEDCL DEMAND MET	16898	16746	17621	13078
Load Shedding	0	0	0	0
MSEDCL DEMAND	16898	16746	17621	13078
TPCL GENERATION	1259	1359	1290	700
R-INFRA GENERATION	501	506	507	386
MUMBAI DEMAND	2692	2754	2821	1939
STATE DEMAND MET	19590	19500	20442	15017
STATE DEMAND	19590	19500	20442	15017
Frequency (Hz)	49.96	49.92	50.04	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.01 Hrs	49.78 Hz at 06.14 Hrs	49.95	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 22/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	3.61	8.83	165	120
Unit 8	10.90	229.43	520	400
Total	14.51	238.26		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.28	21.98	510	355
Unit 5	0.00	0.00	0	0
Total	11.28	21.98		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.36	4.72	123	0
Unit 7	4.93	17.92	238	130
Total	5.29	22.64		
Chandrapur				
Unit 3	4.27	57.18	193	154
Unit 4	4.17	78.96	184	160
Unit 5	10.21	207.92	455	367
Unit 6	10.30	213.52	470	365
Unit 7	9.41	200.07	420	361
Unit 8	10.79	215.98	500	370
Total	49.14	973.62		
Paras				
Unit 3	5.37	114.26	250	186
Unit 4	5.50	101.36	252	190
Total	10.87	215.62		
Khaparkheda				
Unit 1	4.12	23.86	190	150
Unit 2	4.32	24.57	190	160
Unit 3	2.01	49.44	210	0
Unit 4	4.40	31.30	191	161
Unit 5	11.07	229.28	500	375
Total	25.93	358.45		
Nasik				
Unit 3	4.46	65.58	200	160
Unit 4	4.54	94.04	207	163
Unit 5	0.00	27.27	0	0
Total	9.01	186.88		
Uran				
All Units	10.68	222.00	468	420
Total	10.68	222.00		
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	17.72	54	20
Total	0.88	17.72		
Koyna				
Stage 1-2	5.31	72.00	525	40
Stage 4	6.79	58.77	995	0
Stage 3	2.93	30.65	240	0
Total	15.04	161.42		
Hydro				
KDPH	0.89	6.78	37	36
VTRNA	0.00	5.00	0	0
TILLARI	0.31	6.57	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	6.36	80	0
RNGR+BHTSA	0.00	2.65	0	0
BHANDARDRA	0.00	1.46	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	7.78	19	6
GHATGHAR	0.92	10.49	250	0
Total	2.68	47.09		
Wind				
Total	2.00	188.48	0	0
Total	2.00	188.48		
CPP				
APML(Mus)	65.98	1391.43	0	0
JSWEL(Mus)	22.41	447.02	0	0
VIPL(Mus)	13.07	258.80	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.78	89.89	0	0
Other(Mus)	3.61	67.92	0	0
Total	107.84	2255.06		
SOLAR				
Total	1.29	24.33	0	0
Total	1.29	24.33		
Tata				
Trombay 5	10.52	200.42	487	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.84	61.68	120	114
Trombay 7B	1.61	35.51	68	65
Trombay 8	5.60	115.71	249	201
TATA Hydro	5.05	86.15	437	13
Total	25.62	499.46		
R-INFRA				
1-2	11.20	224.09	510	386
Total	11.20	224.09		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	89.51
Koradi 9	3.32	92.18
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	129.34	2199.15
MSPGCL Thml+Gas	140.02	2421.15
MSPGCL Hydro	17.72	208.51

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	157.74	2629.66
Koyna 1,2 & 4 Total	12.10	130.77
State Total	305.70	5821.08

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/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	4779	87	458	5324	148	4278	0	0	4625	4670	-1168	13252	0	13252	2249	15501	49.94
2	4774	82	454	5310	97	4275	0	0	4051	4625	-977	13330	0	13330	2062	15392	49.94
3	4805	83	454	5342	76	4267	0	0	4075	4246	-853	13078	0	13078	1939	15017	49.97
4	4796	88	456	5340	88	4269	0	0	4098	4428	-774	13351	0	13351	1860	15211	49.96
5	4855	83	460	5398	81	4297	0	0	4414	4744	-764	13756	0	13756	1852	15608	49.94
6	5190	89	466	5745	85	4325	0	0	5092	5458	-833	14780	0	14780	1920	16700	49.90
7	5800	445	451	6696	80	4461	0	4	5062	4765	-734	15272	0	15272	1986	17258	49.96
8	5841	553	454	6848	66	4572	0	31	5373	5667	-590	16594	0	16594	2136	18730	49.94
9	5802	706	468	6976	51	4504	0	89	5510	5832	-717	16735	0	16735	2317	19052	49.94
10	5809	957	448	7214	88	4508	0	137	5625	5883	-932	16898	0	16898	2692	19590	49.96
11	5777	550	455	6782	100	4497	0	171	5783	5968	-977	16541	0	16541	2811	19352	49.96
12	5474	609	435	6518	57	4508	0	179	5680	5883	-1145	16000	0	16000	2896	18896	49.91
13	5588	649	438	6675	61	4502	0	187	5642	5482	-1097	15810	0	15810	2896	18706	49.94
14	5607	649	423	6679	54	4482	0	169	5598	5812	-1045	16151	0	16151	2787	18938	49.97
15	5635	955	424	7014	66	4483	0	151	5696	5563	-1118	16159	0	16159	2825	18984	49.94
16	5341	998	420	6759	56	4506	0	106	5869	5692	-1082	16037	0	16037	2831	18868	49.94
17	5311	1358	436	7105	100	4507	0	55	5683	5682	-935	16514	0	16514	2784	19298	49.91
18	5310	1554	431	7295	114	4509	0	13	5789	5704	-889	16746	0	16746	2754	19500	49.92
19	5344	2084	435	7863	131	4784	0	0	5497	5734	-1008	17504	0	17504	2851	20355	49.96
20	5446	2068	432	7946	113	4809	0	0	5516	5777	-1024	17621	0	17621	2821	20442	50.04
21	5513	1112	441	7066	77	4809	0	0	5407	5350	-1015	16287	0	16287	2760	19047	49.99
22	5507	803	442	6752	57	4591	0	0	5378	5470	-975	15895	0	15895	2596	18491	50.00
23	5541	811	455	6807	76	4612	0	0	4986	4734	-1069	15160	0	15160	2505	17665	49.97
24	5496	344	448	6288	80	4486	0	0	4463	4374	-1019	14209	0	14209	2433	16642	49.99
MUs	129.34	17.72	10.68	157.74	2.00	107.84	0.00	1.29	124.91	127.54	-22.74	373.68	0.00	373.68	59.56	433.25	49.95

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 22/Oct/2016

Position as on 6.30 Hrs of 23/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 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.	
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 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 5	500	17/09/2016	13:51	23/10/2016	06.39	Zero schedule given 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	Koradi Unit 9	660	17/10/2016	00.01	22/10/2016	02.41	Commissioning of HCSD System.	
MSPGCL	Chandrapur Unit 9	500	19/10/2016	21.12		Continued.	Boiler Tube Leakage	
CENT.SECTOR	TARAPUR 4	540	21/10/2016	19.00		Continued.	Reactor problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Oct/2016

Position as on 6.30 Hrs of 23/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 6	250	22/10/2016	03.32		Continued.	Ms temp Low.	
CPP	WPCL U-4	135	22/10/2016	07.27	23/10/2016	00.51	Esp Back Filter Problem.	
MSPGCL	Khaparkheda Unit 3	210	22/10/2016	11.00	23/10/2016	09.33	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	22/10/2016	14.53	22/10/2016	18.35	Intermediate Heater Meter Temp High.	
MSPGCL	Bhusawal Unit 5	500	23/10/2016	07.05	23/10/2016	10.19	Drum level High	
IPP	JSW (J) U4	300	23/10/2016	10.55	23/10/2016	13.25	ID Fan Problem	
MSPGCL	Khaparkheda Unit 3	210	23/10/2016	13.16	23/10/2016	21.28	Air heater problem	
MSPGCL	Chandrapur Unit-8	500	23/10/2016	22.18		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 23/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	22/10/2016	12.16		Continued.	PO	Taken On Tbc For Main Breker.Problem.
Dhule Sar'Sarovar I	InterState	22/10/2016	23.10	23/10/2016	05.45	HT	Over Voltage
Padgha Tarapur I	InterState	22/10/2016	9.56	22/10/2016	22.46	PO	Maintenance Work at Tarapur.
Talegaon PG - Aurangabad - II	InterState	23/10/2016	09.04	23/10/2016	09.15	HT	Taking line reactor out of service.
Talegaon PG - Aurangabad - II	InterState	23/10/2016	14.37	23/10/2016	14.45	HT	Taking line reactor in service.
Ektuni-Bableshwar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Padghe - Kharghar	IntraState	23/10/2016	21.01		Continued.	PO	B Bus Outage @ Kharghar.
Bus B @ Khargar	IntraState	23/10/2016	23.20		Continued.	PO	B Bus Outage.
Padghe - Kharghar	IntraState	23/10/2016	9.44	23/10/2016	14.59	PO	Attending Hot Spot
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	21/10/2016	11.16	22/10/2016	15.55	PO	Retrofitting of Differntila Relay
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	22/10/2016	09.13	22/10/2016	18.07	PO	Replacement of ct.
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	23/10/2016	19.45	PO	Tower Erection Work.
Bableshwar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Kalwa - Borivali	IntraState	28/09/2016	08.02	22/10/2016	20.20	PO	Balance tower erection work
Pargaon(Kathapur)-Lonikand	IntraState	21/10/2016	23.36	22/10/2016	03.02	PO	Attending Hot Spot
Bableshwar- Alephata	IntraState	21/10/2016	23.37	22/10/2016	03.10	HT	HT due to outage of kathapur-lonikand line
Khadka-Chalisgaon-1	IntraState	22/10/2016	09.03	22/10/2016	18.16	HT	In view Of Bhwl Ict Outage.
Khadka-Chalisgaon-2	IntraState	22/10/2016	09.07	22/10/2016	18.17	HT	In View Of Bhwl Ict Outage
Bableshwar -Bhenda	IntraState	22/10/2016	10.39	22/10/2016	19.33	PO	Maintenance Work.
Bableshwar- Alephata	IntraState	22/10/2016	11.16	23/10/2016	23.13	PO	To attend isolator problem.
Kandalgaon - Pirangut	IntraState	22/10/2016	13.15	22/10/2016	17.30	PO	Bus Section 1 outage.
Kandalgaon - Koyna	IntraState	22/10/2016	13.28	22/10/2016	17.25	PO	Bus Section 1 outage.
Salsette Borivli 1	IntraState	23/10/2016	09.42	23/10/2016	17.49	PO	Closer Inspection.
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.
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	22/10/2016	10.34		Continued.	PO	Maintenance Work.
220/33 Kv 50 Mva Bhel Ptr 1 @Babhleshwar	IntraState	22/10/2016	11.05		Continued.	PO	Maintenance Work.
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 22/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 23/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Risod-Yeldari	IntraState	22/10/2016	14.43	23/10/2016	15.59	T	Distance Protection
Shahada-Taloda	IntraState	22/10/2016	16.40	22/10/2016	16.43	T	Load Trimming Sceme Of lct Oprtd.