

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 20/Oct/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.840	1943.352	1) Gujrat	6.417	124.213
2) Hydro	17.327	179.998	2) Madhya Pradesh	12.058	226.599
3) Gas	10.385	200.666	3) Chattisgarh	7.250	140.580
Total MSPGCL	140.552	2324.016	4) Maharashtra Net	112.353	1790.339
B) 1) APML	66.221	1259.349	5) Goa (Amona)	-0.846	-13.364
2) JSWEL	21.034	403.190	Total	137.232	2268.367
3) VIPL	12.870	233.341	a) Mumbai Schedule	22.701	404.771
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.220	509.267
5) WPCL	4.958	82.574	c) MSEDCL Bilateral *	28.900	478.683
6) PGPL	0.000	0.000	Include PX	-1.164	-75.956
7) Other IPP	3.901	61.147	d) Mumbai Bilateral *	22.701	404.771
C) 1) TPCL Thermal	15.746	284.076	Include PX	1.426	13.494
2) TPCL Hydro	6.068	74.992	Include Standby	0.000	0.000
3) TPCL Gas	4.447	88.291	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.144	202.260	1) MSEDCL	365.640	6328.470
D) STATE			2) Mumbai Discoms	62.625	1158.898
1) Thermal	248.714	4469.289	TOTAL STATE	428.265	7487.368
(A1+C1+C4+(B1-B6))					
2) Hydro	23.395	254.990			
(A2+C2)					
3) Gas	14.832	288.957			
(A3+B6+C3)					
4) Wind	2.763	184.052			
6) SOLAR	1.329	21.701			
TOTAL STATE	291.033	5218.989			

* 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	4895	5036	4925	4041
MSPGCL Hydro	1271	882	1809	73
MSPGCL Gas	441	422	430	432
MSPGCL Total Generation	6607	6340	7164	4546
Central Sector Receipt	6338	6267	6431	4878
WIND	58	149	255	125
CPP / IPP Thermal	4626	4615	4605	4392
CPP / IPP Gas	0	0	0	0
SOLAR	137	12	0	0
Exchange with Mumbai	-1049	-1133	-1144	-822
MSEDCL DEMAND MET	16717	16250	17312	13119
Load Shedding	0	0	0	0
MSEDCL DEMAND	16717	16250	17312	13119
TPCL GENERATION	1341	1374	1288	745
R-INFRA GENERATION	498	502	502	387
MUMBAI DEMAND	2888	3009	2934	1954
STATE DEMAND MET	19605	19259	20246	15073
STATE DEMAND	19605	19259	20246	15073
Frequency (Hz)	49.96	49.87	49.94	49.89

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 11.59 Hrs	49.74 Hz at 16.09 Hrs	49.93	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 20/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	1.75	1.76	140	0
Unit 8	12.12	206.89	530	464
Total	13.88	208.65		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.78	0.78	220	0
Unit 5	0.00	0.00	0	0
Total	0.78	0.78		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	1.60	2.46	105	32
Unit 7	3.58	8.57	205	108
Total	5.18	11.04		
Chandrapur				
Unit 3	4.37	48.53	191	163
Unit 4	4.27	70.47	190	120
Unit 5	10.11	187.88	460	365
Unit 6	10.52	192.73	470	360
Unit 7	9.49	181.33	420	350
Unit 8	11.26	194.18	500	366
Total	50.02	875.12		
Paras				
Unit 3	5.55	103.29	256	185
Unit 4	0.00	91.42	0	0
Total	5.55	194.70		
Khaparkheda				
Unit 1	4.13	15.51	185	150
Unit 2	4.28	16.92	195	160
Unit 3	4.35	43.29	210	162
Unit 4	4.23	22.70	190	158
Unit 5	11.38	207.07	500	380
Total	28.38	305.49		
Nasik				
Unit 3	4.48	56.76	205	160
Unit 4	4.58	85.14	209	162
Unit 5	0.00	27.27	0	0
Total	9.06	169.18		
Uran				
All Units	10.38	200.67	452	414
Total	10.38	200.67		
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)	0.92	15.83	44	19
Total	0.92	15.83		
Koyna				
Stage 1-2	4.58	63.47	485	40
Stage 4	8.01	47.30	933	0
Stage 3	2.80	26.47	240	0
Total	15.38	137.24		
Hydro				
KDPH	0.00	5.41	0	0
VTRNA	0.00	4.81	0	0
TILLARI	0.31	6.09	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	5.63	80	0
RNGR+BHTSA	0.33	2.65	14	13
BHANDARDRA	0.00	1.46	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	7.34	16	3
GHATGHAR	0.84	9.38	240	0
Total	1.94	42.76		
Wind				
Total	2.76	184.05	0	0
Total	2.76	184.05		
CPP				
APML(Mus)	66.22	1259.35	0	0
JSWEL(Mus)	21.03	403.19	0	0
VIPL(Mus)	12.87	233.34	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.96	82.57	0	0
Other(Mus)	3.90	61.15	0	0
Total	108.98	2039.60		
SOLAR				
Total	1.33	21.70	0	0
Total	1.33	21.70		
Tata				
Trombay 5	10.27	179.55	487	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.84	56.00	120	115
Trombay 7B	1.61	32.29	69	65
Trombay 8	5.48	104.53	245	199
TATA Hydro	6.07	74.99	459	5
Total	26.26	447.36		
R-INFRA				
1-2	11.14	202.26	509	386
Total	11.14	202.26		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	89.51
Koradi 9	0.00	88.87
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	112.84	1943.35
MSPGCL Thml+Gas	123.22	2144.02
MSPGCL Hydro	17.33	180.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	140.55	2324.02
Koyna 1,2 & 4 Total	12.59	110.76
State Total	291.03	5218.99

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 20/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	4272	82	430	4784	161	4423	0	0	5233	5083	-1194	13257	0	13257	2270	15527	49.93
2	4003	322	451	4776	135	4351	0	0	4758	4890	-976	13176	0	13176	2074	15250	49.92
3	4041	73	432	4546	125	4392	0	0	4850	4878	-822	13119	0	13119	1954	15073	49.89
4	4009	63	443	4515	109	4378	0	0	4894	4995	-785	13212	0	13212	1874	15086	49.94
5	4009	58	441	4508	114	4347	0	0	5074	5361	-767	13563	0	13563	1862	15425	49.92
6	4423	392	443	5258	110	4414	0	0	5292	5550	-836	14496	0	14496	1946	16442	49.95
7	4802	714	446	5962	104	4580	0	1	5451	5327	-627	15347	0	15347	2069	17416	49.95
8	4862	887	442	6191	87	4609	0	35	5697	5835	-651	16106	0	16106	2246	18352	49.93
9	4910	990	426	6326	86	4606	0	94	5821	5783	-669	16227	0	16227	2512	18739	49.96
10	4895	1271	441	6607	58	4626	0	137	6025	6338	-1049	16717	0	16717	2888	19605	49.96
11	4854	1151	423	6428	44	4618	0	172	5995	5889	-1345	15806	0	15806	3108	18914	49.95
12	4838	894	420	6152	46	4615	0	187	5903	5973	-1278	15696	0	15696	3150	18846	49.97
13	4835	860	414	6109	34	4614	0	196	5921	5708	-1252	15409	0	15409	3099	18508	49.94
14	4821	697	432	5950	42	4603	0	179	5835	5972	-1142	15604	0	15604	3017	18621	49.93
15	4887	878	415	6180	46	4626	0	154	5876	5788	-1205	15589	0	15589	3085	18674	49.85
16	4904	882	420	6206	55	4629	0	103	6070	5904	-1211	15686	0	15686	3089	18775	49.90
17	5009	842	422	6273	79	4622	0	59	6187	6231	-1193	16072	0	16072	3070	19142	49.88
18	5036	882	422	6340	149	4615	0	12	6154	6267	-1133	16250	0	16250	3009	19259	49.87
19	4937	1737	419	7093	248	4627	0	0	6222	6112	-1139	16941	0	16941	3011	19952	49.88
20	4925	1809	430	7164	255	4605	0	0	6236	6431	-1144	17312	0	17312	2934	20246	49.94
21	4903	1035	437	6375	208	4607	0	0	6062	5966	-996	16160	0	16160	2757	18917	49.94
22	4976	592	440	6008	183	4617	0	0	5898	6001	-1120	15688	0	15688	2648	18336	49.96
23	5010	154	444	5608	150	4483	0	0	5878	5604	-1334	14510	0	14510	2515	17025	49.95
24	4679	62	452	5193	135	4379	0	0	5723	5347	-1352	13702	0	13702	2438	16140	49.97
MUs	112.84	17.33	10.38	140.55	2.76	108.99	0.00	1.33	137.05	137.23	-25.22	365.64	0.00	365.64	62.63	428.27	49.93

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 20/Oct/2016

Position as on 6.30 Hrs of 21/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 4	500	15/09/2016	23.59	20/10/2016	19.04	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		Continued.	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		Continued.	Commissioning of HCSD System.	
MSPGCL	Paras Unit 4	250	18/10/2016	21.22	21/10/2016	04.30	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Oct/2016

Position as on 6.30 Hrs of 21/Oct/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 7	210	19/10/2016	19.07	20/10/2016	03.16	Low Vaccum	
MSPGCL	Chandrapur Unit 9	500	19/10/2016	21.12		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 21/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							
Dhule Sar'Sarovar II	InterState	19/10/2016	20.05	20/10/2016	05.02	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	21/10/2016	00.25		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Koradi-India Bulls	IntraState	19/10/2016	07.19	20/10/2016	18.52	PO	Stringing of Section AP-7 to AP-8 for 400KV Koradi II to Tidangi(Koradi III)Line.
Warora-Adani(Tiroda)1	IntraState	20/10/2016	08.56	20/10/2016	18.17	PO	Testing Work
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	21/10/2016	00.27	21/10/2016	03.33	PO	Tap changing
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.
Bableswhar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableswhar- 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
Kharghar-PGPL	IntraState	12/10/2016	11.11		Continued.	PO	Bunching work @ Height Raising of Tower for cidco's metro rail bridge near Kharghar.
Kharghar - Tss Panvel	IntraState	12/10/2016	13.06		Continued.	PO	Bunching Work & Height Raising of Towers for Cidco's Metro Rail Bridge Near Kharghar.
Telco- Chinchwad	IntraState	13/10/2016	09.06		Continued.	PO	Annual Maintenance Work
Urse-Mahindra vehicle	IntraState	20/10/2016	10.00	20/10/2016	15.55	PO	Line Maintenance work
Butibori - Khaperkheda	IntraState	20/10/2016	10.39	20/10/2016	15.45	PO	Line CVT Replacement
Shivajinagar - Satana	IntraState	20/10/2016	13.14	20/10/2016	20.41	PO	To attend Hot Spot
Solapur(Bale) - Tuljapur	IntraState	20/10/2016	14.05	20/10/2016	17.32	EO	To attend Hot Spot
Nashik-Airoli Knowledge Park	IntraState	21/10/2016	00.02	21/10/2016	03.47	HT	To control BBLSR ICT Loading
Eklahare (Ocr)Nasik - Padghe 2	IntraState	21/10/2016	00.09	21/10/2016	03.47	HT	To control BBLSR ICT Loading
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 200 Mva Emco Ict 3 @Waghala Nanded	IntraState	20/10/2016	11.43	20/10/2016	18.12	PO	Testing Work
132 KV LINE Outages/Trippings							
Gangakhed - Kandhar	IntraState	20/10/2016	12.16	20/10/2016	12.50	T	Distance Protection
Gangakhed- Sonpeth Ckt-Ii	IntraState	20/10/2016	12.16	20/10/2016	12.40	T	Distance Protection
Gangakhed- Sonpeth Ckt-I	IntraState	20/10/2016	12.16	20/10/2016	12.40	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 20/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 21/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Parli 2(Girwali) -Gangakhed	IntraState	20/10/2016	12.16	20/10/2016	12.38	T	Distance Protection
Parbhani-Gangakhed	IntraState	20/10/2016	12.16	20/10/2016	12.40	T	Distance Protection
Amravati-Morshi	IntraState	20/10/2016	14.35	20/10/2016	14.55	T	Distance Protection