

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Oct/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.457	2069.809	1) Gujrat	4.389	128.602
2) Hydro	10.793	190.791	2) Madhya Pradesh	14.429	241.028
3) Gas	10.649	211.315	3) Chattisgarh	8.390	148.970
Total MSPGCL	147.899	2471.915	4) Maharashtra Net	103.959	1894.298
B) 1) APML	66.104	1325.453	5) Goa (Amona)	-0.662	-14.026
2) JSWEL	21.414	424.604	Total	130.505	2398.872
3) VIPL	12.394	245.735	a) Mumbai Schedule	22.113	426.884
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.240	534.507
5) WPCL	4.544	87.118	c) MSEDCL Bilateral *	27.239	505.921
6) PGPL	0.000	0.000	Include PX	-2.700	-78.656
7) Other IPP	3.160	64.307	d) Mumbai Bilateral *	22.113	426.884
C) 1) TPCL Thermal	15.935	300.011	Include PX	0.847	14.341
2) TPCL Hydro	6.102	81.094	Include Standby	0.000	0.000
3) TPCL Gas	4.443	92.734	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.630	212.890	1) MSEDCL	364.548	6693.018
D) STATE			2) Mumbai Discoms	62.350	1221.248
1) Thermal	260.638	4729.927	TOTAL STATE	426.898	7914.266
(A1+C1+C4+(B1-B6))					
2) Hydro	16.895	271.885			
(A2+C2)					
3) Gas	15.092	304.049			
(A3+B6+C3)					
4) Wind	2.431	186.483			
6) SOLAR	1.337	23.038			
TOTAL STATE	296.393	5515.382			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5811	5565	5390	4501
MSPGCL Hydro	541	449	1672	46
MSPGCL Gas	427	449	431	452
MSPGCL Total Generation	6779	6463	7493	4999
Central Sector Receipt	5929	5913	5774	4519
WIND	59	109	139	96
CPP / IPP Thermal	4561	4524	4809	4280
CPP / IPP Gas	0	0	0	0
SOLAR	186	53	0	0
Exchange with Mumbai	-1225	-1269	-1062	-765
MSEDCL DEMAND MET	16289	15793	17154	13129
Load Shedding	0	0	0	0
MSEDCL DEMAND	16289	15793	17154	13129
TPCL GENERATION	1335	1382	1359	697
R-INFRA GENERATION	505	412	508	386
MUMBAI DEMAND	3065	3063	2929	1848
STATE DEMAND MET	19354	18856	20083	14977
STATE DEMAND	19354	18856	20083	14977
Frequency (Hz)	49.95	49.90	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.01 Hrs	49.73 Hz at 14.21 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 21/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	3.45	5.21	160	121
Unit 8	11.64	218.54	531	442
Total	15.10	223.75		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.92	10.70	500	245
Unit 5	0.00	0.00	0	0
Total	9.92	10.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	1.90	4.36	113	48
Unit 7	4.42	12.99	223	122
Total	6.32	17.35		
Chandrapur				
Unit 3	4.38	52.91	196	163
Unit 4	4.32	74.79	190	166
Unit 5	9.83	197.71	455	365
Unit 6	10.49	203.22	470	360
Unit 7	9.33	190.66	422	360
Unit 8	11.00	205.19	498	370
Total	49.35	924.48		
Paras				
Unit 3	5.61	108.89	257	199
Unit 4	4.44	95.86	260	0
Total	10.05	204.75		
Khaparkheda				
Unit 1	4.24	19.74	190	160
Unit 2	3.32	20.24	195	0
Unit 3	4.14	47.43	194	160
Unit 4	4.20	26.90	190	161
Unit 5	11.14	218.21	500	380
Total	27.03	332.53		
Nasik				
Unit 3	4.34	61.11	200	160
Unit 4	4.35	89.50	208	160
Unit 5	0.00	27.27	0	0
Total	8.70	177.88		
Uran				
All Units	10.65	211.32	467	421
Total	10.65	211.32		
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)	1.01	16.84	53	23
Total	1.01	16.84		
Koyna				
Stage 1-2	3.22	66.68	555	40
Stage 4	4.68	51.98	900	0
Stage 3	1.25	27.72	240	0
Total	9.14	146.38		
Hydro				
KDPH	0.48	5.89	38	0
VTRNA	0.18	5.00	57	0
TILLARI	0.17	6.26	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	6.02	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	0.22	7.55	19	6
GHATGHAR	0.20	9.58	125	0
Total	1.65	44.41		
Wind				
Total	2.43	186.48	0	0
Total	2.43	186.48		
CPP				
APML(Mus)	66.10	1325.45	0	0
JSWEL(Mus)	21.41	424.60	0	0
VIPL(Mus)	12.39	245.74	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.54	87.12	0	0
Other(Mus)	3.16	64.31	0	0
Total	107.62	2147.22		
SOLAR				
Total	1.34	23.04	0	0
Total	1.34	23.04		
Tata				
Trombay 5	10.35	189.90	489	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.84	58.84	120	114
Trombay 7B	1.61	33.90	68	65
Trombay 8	5.59	110.12	250	200
TATA Hydro	6.10	81.09	459	29
Total	26.48	473.84		
R-INFRA				
1-2	10.63	212.89	509	385
Total	10.63	212.89		

* 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	126.46	2069.81
MSPGCL Thml+Gas	137.11	2281.12
MSPGCL Hydro	10.79	190.79

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	147.90	2471.92
Koyna 1,2 & 4 Total	7.90	118.66
State Total	296.39	5515.38

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	4474	46	454	4974	137	4284	0	0	5203	5125	-1140	13380	0	13380	2224	15604	49.96
2	4466	221	451	5138	103	4290	0	0	4425	4480	-993	13018	0	13018	2075	15093	49.92
3	4479	46	452	4977	73	4286	0	0	4596	4571	-819	13088	0	13088	1903	14991	49.97
4	4501	46	452	4999	96	4280	0	0	4577	4519	-765	13129	0	13129	1848	14977	49.97
5	4569	51	462	5082	108	4289	0	0	4776	4850	-761	13567	0	13567	1847	15414	49.91
6	4976	171	452	5599	132	4377	0	0	5250	5279	-810	14577	0	14577	1901	16478	49.91
7	5452	464	458	6374	121	4506	0	10	5317	5334	-722	15623	0	15623	2086	17709	49.91
8	5576	455	467	6498	131	4557	0	44	5478	5420	-551	16099	0	16099	2163	18262	49.96
9	5650	540	447	6637	64	4567	0	107	5734	5862	-755	16482	0	16482	2511	18993	49.96
10	5721	638	456	6815	59	4571	0	133	5884	5796	-1024	16350	0	16350	2907	19257	49.97
11	5811	541	427	6779	59	4561	0	186	5997	5929	-1225	16289	0	16289	3065	19354	49.95
12	5622	320	437	6379	62	4498	0	186	5935	5406	-1329	15202	0	15202	3144	18346	49.94
13	5495	273	425	6193	51	4377	0	187	5869	6003	-1363	15448	0	15448	3133	18581	49.95
14	5450	83	421	5954	78	4369	0	176	5825	6016	-1210	15383	0	15383	2980	18363	49.94
15	5453	440	422	6315	73	4421	0	138	5813	5850	-1283	15513	0	15513	3046	18559	49.89
16	5578	383	433	6394	67	4512	0	104	5871	5684	-1341	15420	0	15420	3097	18517	49.92
17	5565	449	449	6463	109	4524	0	53	6016	5913	-1269	15793	0	15793	3063	18856	49.90
18	5444	536	431	6411	128	4503	0	12	6095	5870	-1112	15812	0	15812	3002	18814	49.96
19	5413	1510	438	7361	148	4654	0	1	5869	6008	-1136	17036	0	17036	3024	20060	49.98
20	5390	1672	431	7493	139	4809	0	0	5599	5774	-1062	17154	0	17154	2929	20083	49.99
21	5451	1031	454	6936	152	4724	0	0	5541	5632	-1074	16370	0	16370	2809	19179	49.99
22	5468	606	426	6500	126	4667	0	0	5357	5071	-1007	15357	0	15357	2629	17986	49.99
23	5423	181	452	6056	110	4623	0	0	5255	5156	-1141	14804	0	14804	2528	17332	49.95
24	5030	90	452	5572	105	4367	0	0	5225	4957	-1348	13653	0	13653	2436	16089	49.96
MUs	126.46	10.79	10.65	147.90	2.43	107.62	0.00	1.34	131.51	130.51	-25.24	364.55	0.00	364.55	62.35	426.90	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 21/Oct/2016

Position as on 6.30 Hrs of 22/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		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	22/10/2016	02.41	Commissioning of HCSD System.	
MSPGCL	Paras Unit 4	250	18/10/2016	21.22	21/10/2016	04.30	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	19/10/2016	21.12		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Oct/2016

Position as on 6.30 Hrs of 22/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	21/10/2016	17.20	21/10/2016	21.20	FD Fan Tripped	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 22/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni-Akola II Ckt 2	IntraState	21/10/2016	13.01	21/10/2016	18.11	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	21/10/2016	00.25	21/10/2016	07.04	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Warora -IEPL	IntraState	21/10/2016	08.26		Continued.	PO	DCRM of Tie CB and maint.work
Bus Coupler @ Chandrapur	IntraState	21/10/2016	08.26		Continued.	PO	Attending Hot Spot
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
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	21/10/2016	11.16		Continued.	PO	Retrofitting of Differntila Relay
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	21/10/2016	11.40	21/10/2016	19.46	PO	Quarterly Maintainance Work
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
Kharghar-PGPL	IntraState	12/10/2016	11.11	21/10/2016	17.58	PO	Bunching work @ Height Raising of Tower for cidco's metro rail bridge near Kharghar.
Kharghar - Tss Panvel	IntraState	12/10/2016	13.06	21/10/2016	17.31	PO	Bunching Work & Height Raising of Towers for Cidco's Metro Rail Bridge Near Kharghar.
Telco- Chinchwad	IntraState	13/10/2016	09.06	21/10/2016	18.33	PO	Annual Maintenance Work
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
Temghar - Kalwa	IntraState	21/10/2016	09.09	21/10/2016	17.47	PO	Testing Work
Mahape - TIFIL	IntraState	21/10/2016	11.01	21/10/2016	20.00	PO	Attending Hot Spot
Shivajinagar - Satana	IntraState	21/10/2016	12.20		Continued.	PO	Construction Work
Pedhambe - Oni	IntraState	21/10/2016	13.019	21/10/2016	13.45	T	Distance Protection
Nagothane - Spcl	IntraState	21/10/2016	15.48	21/10/2016	20.14	PO	TTS Replacement
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
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.

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 21/Oct/2016

Statement-VII

Position as on 6.30 Hrs of 22/Oct/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 kV 200 Mva ICT-II @Boisar -ij	IntraState	21/10/2016	13.50	21/10/2016	22.02	PO	Testing Work