

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Oct/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.772	2499.295	1) Gujrat	8.429	128.455
2) Hydro	9.788	246.672	2) Madhya Pradesh	11.442	250.985
3) Gas	8.793	186.999	3) Chattisgarh	5.040	95.240
Total MSPGCL	151.353	2932.966	4) Maharashtra Net	117.465	2181.105
B) 1) APML	55.300	1166.390	5) Goa	-8.365	-164.439
2) JSWEL	29.134	588.742	6) TAPS 1&2 Injection	3.575	74.724
3) VIPL	12.630	256.176	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	24.130	454.040	8) Pench (MS)	0.840	14.794
5) WPCL	5.094	97.522	9) Pench (Excess)	-0.840	-14.794
6) Other IPP	2.796	67.198	Total	136.746	2551.276
C) 1) TPCL Thermal	17.542	359.249	a) Mumbai Schedule	30.873	560.997
2) TPCL Hydro	2.512	53.753	b) Mumbai Drawl	32.600	629.468
3) TPCL Gas	3.806	84.241	c) MSEDCL Bilateral *	44.256	715.464
4) R-INFRA Thermal	12.256	241.504	Include PX	12.396	75.543
D) STATE			d) Mumbai Bilateral *	30.873	557.635
1) Thermal	291.654	5730.116	Include PX	9.627	132.776
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro	12.300	300.425	H) ENERGY CATERED (MUs)		
3) Gas	12.599	271.240	1) MSEDCL	388.621	7602.966
4) Wind	2.828	94.323	2) Mumbai Discoms	68.713	1368.194
6) SOLAR	1.210	23.801	TOTAL STATE	457.334	8971.160
TOTAL STATE	320.591	6419.905			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5548	5591	5278	5138
MSPGCL Hydro	1019	828	746	134
MSPGCL Gas	413	412	300	230
MSPGCL Total Generation	6980	6831	6324	5502
Central Sector Receipt	6616	6118	5582	5552
WIND	144	183	49	55
CPP / IPP	5422	5360	5339	5347
SOLAR	181	170	2	0
Exchange with Mumbai	-1623	-1600	-1655	-1512
MSEDCL DEMAND MET	17720	17062	15641	14944
Load Shedding	334	408	137	55
MSEDCL DEMAND	18054	17470	15778	14999
TPCL GENERATION	1203	1202	1092	871
R-INFRA GENERATION	508	512	516	516
MUMBAI DEMAND	3334	3314	3263	2899
STATE DEMAND MET	21054	20376	18904	17843
STATE DEMAND	21388	20784	19041	17898
Frequency (Hz)	49.96	49.97	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 16.01 Hrs	49.71 Hz at 00.06 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/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.75	62.02	120	110
Unit 6	0.00	0.00	0	0
Unit 7	3.20	72.40	145	125
Total	5.95	134.42		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	1.48	78.90	160	0
Unit 4	11.48	226.88	500	430
Unit 5	11.91	233.23	510	460
Total	24.86	539.02		
Parli				
Unit 3	0.00	0.00	0	0
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 1	0.00	0.00	0	0
Unit 2	3.25	68.19	140	131
Unit 3	4.67	97.30	206	171
Unit 4	4.58	95.74	196	166
Unit 5	9.66	118.56	425	380
Unit 6	10.46	180.89	450	405
Unit 7	10.35	162.62	450	400
Total	42.97	723.30		
Paras				
Unit 3	5.17	100.77	228	194
Unit 4	5.46	102.50	236	220
Total	10.62	203.28		
Khaparkheda				
Unit 1	3.01	68.32	175	95
Unit 2	3.80	77.14	175	135
Unit 3	4.38	77.19	191	175
Unit 4	3.29	44.66	146	124
Unit 5	10.62	199.44	460	410
Total	25.10	466.76		
Nasik				
Unit 3	4.67	94.96	210	185
Unit 4	4.59	66.66	203	179
Unit 5	4.66	96.10	198	186
Total	13.92	257.71		
Uran				
All Units	8.79	187.00	443	210
Total	8.79	187.00		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.84	14.79	50	20
Total	0.84	14.79		
Koyna				
Stage 1-2	3.98	84.08	470	40
Stage 4	1.69	87.32	250	0
Stage 3	1.81	35.56	160	0
Total	7.48	206.96		
Hydro				
KDPH	0.00	2.28	0	0
VTRNA	0.55	1.10	61	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	4.04	80	0
RNGR+BHTSA	0.25	2.57	15	0
BHANDARDRA	0.43	9.46	32	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	3.65	10	0
GHATGHAR	0.83	16.57	250	0
Total	2.31	39.71		
Wind				
Total	2.83	94.32	0	0
Total	2.83	94.32		
CPP				
APML(Mus)	55.30	1166.39	0	0
JSWEL(Mus)	29.13	588.74	0	0
VIPL(Mus)	12.63	256.18	0	0
RPLAMT(Mus)	24.13	454.04	0	0
WPCL(Mus)	5.09	97.52	0	0
Other(Mus)	2.80	67.20	0	0
Total	129.08	2630.07		
SOLAR				
Total	1.21	23.80	0	0
Total	1.21	23.80		
Tata				
Trombay 5	11.65	235.83	492	425
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.36	52.75	115	54
Trombay 7B	1.45	31.50	67	44
Trombay 8	5.89	123.42	251	233
TATA Hydro	2.51	53.75	286	0
Total	23.86	497.24		
R-INFRA				
1-2	12.26	241.50	519	457
Total	12.26	241.50		

Infirm Power	Chandrapur 8	5.63
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	132.77	2499.30
MSPGCL Thml+Gas	141.56	2686.29

Koradi 8	3.72	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.79	246.67
MSPGCL Total	151.35	2932.97

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.67	171.40
State Total	320.59	6419.90

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Oct/2015

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													
1	5700	118	440	6258	132	5421	0	5455	5418	-1351	15878	39	15917	2726	18643	49.91
2	5925	68	441	6434	97	5440	0	5281	5033	-1116	15888	43	15931	2498	18429	49.94
3	5639	71	441	6151	101	5340	0	5144	5077	-1010	15659	43	15702	2328	18030	49.95
4	5630	71	443	6144	105	5236	0	5065	5105	-945	15645	43	15688	2216	17904	49.91
5	5605	76	443	6124	113	5252	0	5060	4934	-781	15642	109	15751	2165	17916	49.89
6	5830	86	443	6359	118	5401	0	5191	5275	-805	16348	236	16584	2196	18780	49.94
7	5789	259	442	6490	100	5414	2	5523	5473	-846	16633	364	16997	2229	19226	49.96
8	5862	439	433	6734	73	5439	21	5582	5691	-927	17031	402	17433	2304	19737	49.95
9	5848	416	428	6692	61	5460	65	5807	5667	-1148	16797	364	17161	2570	19731	49.96
10	5723	597	419	6739	82	5410	113	6221	6170	-1445	17069	290	17359	2924	20283	49.92
11	5591	944	419	6954	118	5436	129	6293	6313	-1582	17368	280	17648	3213	20861	49.96
12	5548	1019	413	6980	144	5422	181	6329	6616	-1623	17720	334	18054	3334	21388	49.96
13	5591	828	412	6831	183	5360	170	6293	6118	-1600	17062	408	17470	3314	20784	49.97
14	5564	581	361	6506	257	5362	167	6235	6143	-1587	16848	394	17242	3237	20479	50.01
15	5590	623	290	6503	259	5385	148	6303	6480	-1696	17079	305	17384	3334	20718	49.96
16	5333	553	291	6177	257	5414	111	6349	6466	-1650	16775	249	17024	3340	20364	49.73
17	5177	447	296	5920	200	5388	64	6084	6156	-1632	16096	224	16320	3337	19657	49.99
18	5238	273	296	5807	104	5368	28	5714	5432	-1549	15190	187	15377	3210	18587	49.95
19	5257	689	298	6244	69	5298	9	5712	5509	-1577	15552	136	15688	3205	18893	49.99
20	5278	746	300	6324	49	5339	2	5742	5582	-1655	15641	137	15778	3263	19041	50.01
21	5250	379	301	5930	44	5400	0	5699	5574	-1566	15382	107	15489	3107	18596	49.98
22	5307	162	303	5772	40	5390	0	5695	5366	-1541	15027	67	15094	2952	18046	50.01
23	5138	134	230	5502	55	5347	0	5672	5552	-1512	14944	55	14999	2899	17898	49.99
24	5359	209	210	5778	67	5362	0	5525	5596	-1456	15347	50	15397	2815	18212	49.94
MUs	132.77	9.79	8.79	151.35	2.83	129.08	1.21	137.97	136.75	-32.60	388.62	4.87	393.49	68.72	462.20	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/2015

Position as on 6.30 Hrs of 22/Oct/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
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.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generater bearing	
CPP	WPCL U-4	135	10/10/2015	05.25		Continued.	ID Fan Problem	
MSPGCL	Bhusawal Unit 3	210	21/10/2015	09.24		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	21/10/2015	13.41		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	21/10/2015	13.41		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit-8	500	21/10/2015	15.39	21/10/2015	20.48	M.S.Temperature Low.	
MSPGCL	Koradi Unit-8	660	21/10/2015	20.49		Continued.	ESP Problem.	
MSPGCL	Uran Unit 5	108	22/10/2015	00.56		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 22/Oct/2015

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 II	InterState	20/10/2015	09.15	21/10/2015	07.13	EO	To attend Hot Spot
Dhule Sar'Sarovar I	InterState	20/10/2015	21.46	21/10/2015	06.57	HT	Over Voltage
Dabhol Nagothane II	InterState	21/10/2015	12.58		Continued.	T	B Ph Fault Tripped on Dist.Prot.
Chandrapur Bhadravati II	InterState	21/10/2015	13.51	21/10/2015	14.54	PO	Bus 2 to 1.
Kolhapur Mapusa I	InterState	21/10/2015	17.28		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	21/10/2015	20.16		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-I	IntraState	16/10/2015	08.09		Continued.	HT	Controlling BBLR ICT Loading
N.Koyna-Karad -Ckt I	IntraState	20/10/2015	09.31	21/10/2015	08.18	PO	Line Maintenance work
karad -kolhapur-II	IntraState	20/10/2015	16.40	21/10/2015	06.54	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	20/10/2015	18.03	21/10/2015	07.07	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	21/10/2015	07.59	21/10/2015	14.31	PO	A/R Bypass for Online OPGW Work.
Chandrapur-Parali 1	IntraState	21/10/2015	09.00	21/10/2015	12.53	PO	Line Signature Test.
Akola - Bhusawal	IntraState	21/10/2015	11.05	21/10/2015	14.27	PO	A/R Bypass for Online PID Testing Work.
Chandrapur-Parali 2	IntraState	21/10/2015	13.58	21/10/2015	17.07	PO	Line Signature Test.
karad -kolhapur-II	IntraState	21/10/2015	16.19		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	21/10/2015	16.34		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/10/2015	18.58		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	21/10/2015	12.48	21/10/2015	18.01	EO	Smok Observed on LV Side Bushing.
220 KV LINE Outages/Trippings							
Tillari Amona	InterState	21/10/2015	09.10	21/10/2015	17.06	PO	For Cleaning of Polluted Insulator Strings.
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.
Nagothane - MSL	IntraState	13/10/2015	16.44		Continued.	T	Distance Protection
Eklahare (Gcr) - Ghatghar	IntraState	21/10/2015	02.21	21/10/2015	02.40	T	Distance Protection
Kharghar - Tss Panvel	IntraState	21/10/2015	10.20	21/10/2015	18.18	PO	Taken on TBC,Testing Work.
Gcr Chandrapur - Grace Ltd	IntraState	21/10/2015	10.29	21/10/2015	13.34	PO	Conversion of SSN to DSN & STN DTN.
Butibori-Sunvijay	IntraState	21/10/2015	12.00	21/10/2015	17.34	PO	Conversion Jumper of Metering PT.
Khadka-Chalisgaon-2	IntraState	21/10/2015	12.42	21/10/2015	18.11	T	Distance Protection Operated Zone-I R Ph to Earth.
Lamboti-Vita	IntraState	21/10/2015	16.34		Continued.	PO	For LIL O Arrangement for Khanapur S/S.
Ongc Uran - Jnpt	IntraState	21/10/2015	22.18		Continued.	T	R Phase P T Burst @ JNPT.
Uran - Ongc Uran	IntraState	21/10/2015	22.18	21/10/2015	23.00	T	R Phase P T Burst @ JNPT.
Uran - Jnpt	IntraState	21/10/2015	22.18	21/10/2015	23.00	T	R Phase P T Burst @ JNPT.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panel

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/2015

Statement-VII

Position as on 6.30 Hrs of 22/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	21/10/2015	05.48	21/10/2015	08.40	EO	To attend Hot Spot