

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Jan/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.772	1478.433	1) Gujrat	-0.061	-6.038
2) Hydro	9.682	174.866	2) Madhya Pradesh	9.998	100.161
3) Gas	11.118	109.523	3) Chattisgarh	8.140	90.150
Total MSPGCL	163.572	1762.822	4) Maharashtra Net	118.999	1265.603
B) 1) APML	45.782	543.181	5) Goa (Amona)	-0.624	-7.598
2) JSWEL	9.675	102.159	Total	136.452	1442.278
3) VIPL	5.965	70.550	a) Mumbai Schedule	18.195	170.030
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.215	232.317
5) WPCL	4.106	41.129	c) MSEDCL Bilateral *	36.767	370.498
6) PGPL	3.016	18.027	Include PX	5.298	35.402
7) Other IPP	8.486	98.906	d) Mumbai Bilateral *	18.195	170.030
C) 1) TPCL Thermal	5.296	84.731	Include PX	5.442	48.611
2) TPCL Hydro	6.118	56.473	Include Standby	0.000	0.000
3) TPCL Gas	3.428	41.524	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.080	114.308	1) MSEDCL	359.680	3903.765
D) STATE			2) Mumbai Discoms	47.137	529.353
1) Thermal	232.162	2533.397	TOTAL STATE	406.817	4433.118
(A1+C1+C4+(B1-B6))					
2) Hydro	15.800	231.339			
(A2+C2)					
3) Gas	17.562	169.074			
(A3+B6+C3)					
4) Wind	3.621	43.809			
6) SOLAR	1.220	13.221			
TOTAL STATE	270.365	2990.840			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	6730	6721	5946	4972
MSPGCL Hydro	1086	533	245	92
MSPGCL Gas	468	437	453	480
MSPGCL Total Generation	8284	7691	6644	5544
Central Sector Receipt	6788	6730	6038	4558
WIND	85	41	115	211
CPP / IPP Thermal	3165	3187	3097	2923
CPP / IPP Gas	232	232	186	0
SOLAR	159	179	0	0
Exchange with Mumbai	-1068	-1024	-1262	-652
MSEDCL DEMAND MET	17645	17036	14818	12584
Load Shedding	0	0	0	0
MSEDCL DEMAND	17645	17036	14818	12584
TPCL GENERATION	857	862	746	317
R-INFRA GENERATION	503	508	385	386
MUMBAI DEMAND	2428	2394	2393	1355
STATE DEMAND MET	20073	19430	17211	13939
STATE DEMAND	20073	19430	17211	13939
Frequency (Hz)	50.00	49.95	49.96	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 17.01 Hrs	49.78 Hz at 07.34 Hrs	49.96	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 11/Jan/2017

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	3.73	6.33	167	145
Unit 8	0.00	0.00	0	0
Unit 9	12.85	132.16	642	434
Total	16.58	138.49		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.54	83.40	500	0
Unit 5	10.14	110.92	510	350
Total	17.68	194.31		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.42	55.94	251	199
Unit 7	5.35	57.10	252	191
Unit 8	0.00	0.00	0	0
Total	10.77	113.04		
Chandrapur				
Unit 3	4.46	48.51	200	168
Unit 4	4.48	47.61	200	173
Unit 5	9.91	106.93	465	358
Unit 6	0.00	83.88	0	0
Unit 7	9.39	101.32	426	353
Unit 8	10.13	112.91	500	359
Unit 9	9.73	70.07	454	345
Total	48.10	571.23		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.21	57.18	250	192
Total	5.21	57.18		
Khaparkheda				
Unit 1	4.11	45.64	190	160
Unit 2	4.14	45.11	190	160
Unit 3	4.31	42.81	203	165
Unit 4	0.00	36.61	0	0
Unit 5	10.18	112.88	500	375
Total	22.73	283.05		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.04	44.72	204	161
Unit 5	4.04	43.56	195	163
Total	8.08	88.28		
Uran				
All Units	11.12	109.52	493	425
Total	11.12	109.52		
PGPL				
Unit 1	1.81	10.89	141	0
Unit 2	1.21	7.14	94	0
Total	3.02	18.03		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.52	6.10	38	0
Total	0.52	6.10		
Koyna				
Stage 1-2	1.64	42.84	375	40
Stage 4	2.50	64.30	637	0
Stage 3	0.93	20.90	240	0
Total	5.08	128.04		
Hydro				
KDPH	0.00	1.35	0	0
VTRNA	0.45	4.88	60	0
TILLARI	0.50	2.84	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	3.30	80	0
RNGR+BHTSA	0.35	3.45	15	14
BHANDARDRA	0.46	2.76	25	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.64	6.54	34	23
GHATGHAR	1.84	21.70	250	0
Total	4.60	46.83		
Wind				
Total	3.62	43.81	0	0
Total	3.62	43.81		
CPP				
APML(Mus)	45.78	543.18	0	0
JSWEL(Mus)	9.68	102.16	0	0
VIPL(Mus)	5.96	70.55	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.11	41.13	0	0
Other(Mus)	8.49	98.91	0	0
Total	74.01	855.92		
SOLAR				
Total	1.22	13.22	0	0
Total	1.22	13.22		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.07	25.54	115	63
Trombay 7B	1.36	15.98	67	48
Trombay 8	5.30	58.35	250	199
TATA Hydro	6.12	56.47	459	0
Total	14.84	182.73		
R-INFRA				
1-2	10.08	114.31	509	384
Total	10.08	114.31		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Koradi 10	13.63	32.85

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	142.77	1478.43
MSPGCL Thml+Gas	153.89	1587.96
MSPGCL Hydro	9.68	174.87

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	163.57	1762.82
Koyna 1,2 & 4 Total	4.15	107.14
State Total	270.36	2990.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/Jan/2017

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	4975	102	481	5558	151	2917	0	0	4801	4736	-753	12609	0	12609	1454	14063	49.97
2	4972	92	480	5544	211	2923	0	0	4733	4558	-652	12584	0	12584	1355	13939	49.95
3	4969	98	489	5556	292	2916	0	0	4615	4528	-589	12703	0	12703	1292	13995	49.97
4	5060	98	483	5641	334	2955	0	0	4557	4453	-560	12823	0	12823	1261	14084	49.99
5	5158	113	471	5742	336	2991	33	0	4428	4473	-578	12997	0	12997	1277	14274	49.94
6	5338	93	487	5918	356	3116	77	0	5163	5204	-717	13955	0	13955	1420	15375	49.94
7	6000	464	493	6957	291	3127	163	0	5834	5511	-815	15234	0	15234	1677	16911	49.97
8	6380	1057	488	7925	285	3222	221	6	6148	6076	-686	17049	0	17049	1873	18922	49.91
9	6521	1257	487	8265	184	3178	232	54	6408	6519	-698	17734	0	17734	2033	19767	49.95
10	6620	1243	463	8326	142	3175	233	116	6583	6635	-997	17630	0	17630	2325	19955	49.94
11	6730	1086	468	8284	85	3165	232	159	6691	6788	-1068	17645	0	17645	2428	20073	50.00
12	6770	820	453	8043	39	3167	232	165	6809	6787	-1071	17362	0	17362	2453	19815	49.97
13	6721	533	437	7691	41	3187	232	179	6751	6730	-1024	17036	0	17036	2394	19430	49.95
14	6702	268	430	7400	43	3154	232	173	6794	6907	-974	16935	0	16935	2282	19217	50.02
15	6700	218	425	7343	42	3203	232	157	6779	6669	-1086	16559	0	16559	2303	18862	49.93
16	6719	228	436	7383	52	3184	232	124	6815	6874	-1026	16823	0	16823	2288	19111	49.94
17	6315	450	431	7196	66	3185	232	70	6297	6231	-1059	15921	0	15921	2302	18223	49.95
18	5748	220	433	6401	64	3108	232	17	6002	6157	-1157	14821	0	14821	2291	17112	49.95
19	5946	245	453	6644	115	3097	186	0	5939	6038	-1262	14818	0	14818	2393	17211	49.96
20	5953	282	449	6684	132	3102	16	0	6183	5898	-1251	14581	0	14581	2364	16945	49.96
21	5703	241	473	6417	127	3070	0	0	5622	5587	-1118	14083	0	14083	2185	16268	49.95
22	5614	168	466	6248	112	2959	0	0	4900	4668	-1065	12922	0	12922	2024	14946	50.01
23	5570	163	476	6209	66	2950	0	0	4387	4213	-1063	12375	0	12375	1820	14195	50.01
24	5588	143	466	6197	55	2964	0	0	4148	4210	-946	12480	0	12480	1643	14123	50.00
MUs	142.77	9.68	11.12	163.57	3.62	74.01	3.02	1.22	137.39	136.45	-22.21	359.68	0.00	359.68	47.14	406.82	49.96

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 11/Jan/2017

Position as on 6.30 Hrs of 12/Jan/2017

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	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
MSPGCL	Koradi Unit-8	660	12/12/2016	23.59		Continued.	Annual Overhaul	
TPC-G	Trombay 5	500	03/01/2017	21.49		Continued.	Annual 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	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	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	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
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	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	Due To CW Duct Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Jan/2017

Position as on 6.30 Hrs of 12/Jan/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 3	210	11/12/2016	16.50		Continued.	Boiler Tube Leakage	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
MSPGCL	Bhusawal Unit 4	500	08/01/2017	09.21	11/01/2017	03.09	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	09/01/2017	19.25	12/01/2017	06.27	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	09/01/2017	21.56		Continued.	POSITIVE SIDE ROTER TRIPPED.	
CPP	WPCL U-3	135	10/01/2017	02.22	11/01/2017	01.03	ID Fan Problem	
PGPL	PGPL U1	262	10/01/2017	19.15	11/01/2017	03.59	No Schedule	
PGPL	PGPL U2	126	10/01/2017	19.16	11/01/2017	05.07	No Schedule	
PGPL	PGPL U1	262	11/01/2017	19.15		Continued.	No Schedule.	
PGPL	PGPL U2	126	11/01/2017	19.16		Continued.	No Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 12/Jan/2017

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 I	InterState	10/01/2017	18.14	11/01/2017	06.36	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	11/01/2017	19.51	12/01/2017	06.21	HT	Over Voltage
karad -kolhapur-I	IntraState	09/01/2017	17.03	11/01/2017	07.23	HT	Over Voltage (Trial Taken at 09.44Hrs Dt.10-1-2017 but tripped on D/P) RFC at 17.15Hrs.
Karad - Jaigad - II	IntraState	10/01/2017	17.22	11/01/2017	05.30	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/01/2017	17.36	11/01/2017	07.27	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	11/01/2017	05.01	11/01/2017	09.32	T	Distance Protection
Main Bus II @Khaparkheda S/st	IntraState	11/01/2017	08.44	11/01/2017	18.06	PO	Tandelta of CVT & R.M.Work.
Koradi-Bhusawal	IntraState	11/01/2017	13.21	12/01/2017	06.31	EO	Attending Y Phase Flashover.(RFC @ 18.12 Hrs dt
karad -kolhapur-II	IntraState	11/01/2017	16.36		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/01/2017	16.39		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 315MVA ICT II @ Parli	IntraState	11/01/2017	12.47	11/01/2017	21.02	PO	Bushing Tandelta Measurement.
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	11/01/2017	20.16	11/01/2017	23.19	EO	Attending Hot Spot
220 KV LINE Outages/Trippings							
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.
Pophali - Kdph	IntraState	10/01/2017	18.39		Continued.	T	Distance Protection
Mudshingi-Wathar	IntraState	11/01/2017	10.01	11/01/2017	13.50	PO	Routine Maintenance Work
K'Kheda- Suryalakshmi	IntraState	11/01/2017	10.19	11/01/2017	13.38	PO	Measurement of Tandelta of CT's & CC's.
Kanhan-Suryalakshmi	IntraState	11/01/2017	14.11	11/01/2017	17.13	PO	Measurement of Tandelta of CT Bushings.
Trombay MSETCL Tie 2	IntraState	11/01/2017	21.43	12/01/2017	04.16	PO	Maintenace Work.
Wardha-Yeotmal	IntraState	12/01/2017	04.25		Continued.	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)
220/100 Kv 50 Mva Gec Ict 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augumentation Work(Outage for 3 Months).
220/132kv 100MVA ICT-2 @ Baramati	IntraState	11/01/2017	10.05	11/01/2017	17.55	PO	Routine Maintenance Work
220/132 Kv 200 MVA ICT-III @Phursungi	IntraState	11/01/2017	14.05	11/01/2017	17.05	PO	Attending Oil Leakage

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