

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Nov/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.768	882.677	1) Gujrat	-2.640	6.721
2) Hydro	24.393	100.983	2) Madhya Pradesh	11.540	72.434
3) Gas	10.725	72.545	3) Chattisgarh	6.600	48.090
Total MSPGCL	153.886	1056.205	4) Maharashtra Net	98.760	686.685
B) 1) APML	52.139	425.628	5) Goa (Amona)	-0.640	-5.274
2) JSWEL	23.180	155.699	Total	113.620	808.656
3) VIPL	12.836	68.989	a) Mumbai Schedule	17.581	110.986
4) RPL(AMT)	18.658	46.308	b) Mumbai Drawl	18.699	135.413
5) WPCL	4.389	26.196	c) MSEDCL Bilateral *	27.753	185.375
6) PGPL	0.000	0.000	Include PX	0.000	-7.685
7) Other IPP	4.649	28.534	d) Mumbai Bilateral *	17.581	110.986
C) 1) TPCL Thermal	15.978	106.036	Include PX	0.765	12.202
2) TPCL Hydro	5.442	28.074	Include Standby	0.000	0.000
3) TPCL Gas	4.391	30.819	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.009	74.464	1) MSEDCL	370.524	2524.739
D) STATE			2) Mumbai Discoms	55.519	374.805
1) Thermal	261.606	1814.531	TOTAL STATE	426.043	2899.544
(A1+C1+C4+(B1-B6))					
2) Hydro	29.835	129.057			
(A2+C2)					
3) Gas	15.116	103.364			
(A3+B6+C3)					
4) Wind	4.378	34.970			
6) SOLAR	1.488	8.967			
TOTAL STATE	312.423	2090.889			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5599	4975	5062	4524
MSPGCL Hydro	2073	1881	2003	116
MSPGCL Gas	458	442	444	474
MSPGCL Total Generation	8130	7298	7509	5114
Central Sector Receipt	4760	5358	5381	3987
WIND	127	140	148	160
CPP / IPP Thermal	4911	5202	5177	4137
CPP / IPP Gas	0	0	0	0
SOLAR	154	9	0	0
Exchange with Mumbai	-794	-837	-937	-527
MSEDCL DEMAND MET	17288	17170	17278	12871
Load Shedding	346	0	11	0
MSEDCL DEMAND	17634	17170	17289	12871
TPCL GENERATION	1245	1359	1321	695
R-INFRA GENERATION	506	507	509	387
MUMBAI DEMAND	2545	2703	2767	1609
STATE DEMAND MET	19833	19873	20045	14480
STATE DEMAND	20179	19873	20056	14480
Frequency (Hz)	49.93	49.87	50.01	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 19:01 Hrs	49.74 Hz at 07:15 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 07/Nov/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	3.49	16.79	160	115
Unit 8	0.00	46.38	0	0
Total	3.49	63.17		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.11	75.70	510	370
Unit 5	11.12	75.29	510	360
Total	22.23	150.98		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	17.40	0	0
Unit 7	4.59	32.46	227	140
Total	4.59	49.86		
Chandrapur				
Unit 3	4.65	31.62	210	172
Unit 4	4.43	30.81	195	170
Unit 5	10.10	61.12	460	366
Unit 6	10.36	71.13	470	356
Unit 7	9.70	66.39	433	357
Unit 8	11.07	71.62	500	360
Total	50.32	332.69		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.46	38.12	250	195
Total	5.46	38.12		
Khaparkheda				
Unit 1	4.17	26.78	185	160
Unit 2	4.18	29.48	195	130
Unit 3	4.55	31.23	207	163
Unit 4	4.39	21.92	197	163
Unit 5	4.61	69.96	500	0
Total	21.90	179.38		
Nasik				
Unit 3	4.44	30.30	205	160
Unit 4	0.00	10.62	0	0
Unit 5	4.47	19.78	206	164
Total	8.91	60.70		
Uran				
All Units	10.72	72.54	483	355
Total	10.72	72.54		
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)	0.26	6.00	47	0
Total	0.26	6.00		
Koyna				
Stage 1-2	6.96	30.00	570	40
Stage 4	11.03	35.87	1011	0
Stage 3	3.81	14.12	240	0
Total	21.79	80.00		
Hydro				
KDPH	0.89	5.77	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.32	2.54	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	1.25	57	0
RNGR+BHTSA	0.38	2.72	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	2.06	21	7
GHATGHAR	0.59	6.63	166	0
Total	2.60	20.98		
Wind				
Total	4.38	34.97	0	0
Total	4.38	34.97		
CPP				
APML(Mus)	52.14	425.63	0	0
JSWEL(Mus)	23.18	155.70	0	0
VIPL(Mus)	12.84	68.99	0	0
RPLAMT(Mus)	18.66	46.31	0	0
WPCL(Mus)	4.39	26.20	0	0
Other(Mus)	4.65	28.53	0	0
Total	115.85	751.35		
SOLAR				
Total	1.49	8.97	0	0
Total	1.49	8.97		
Tata				
Trombay 5	10.39	68.50	494	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	19.61	120	115
Trombay 7B	1.60	11.21	69	65
Trombay 8	5.59	37.53	252	199
TATA Hydro	5.44	28.07	434	4
Total	25.81	164.93		
R-INFRA				
1-2	11.01	74.46	509	385
Total	11.01	74.46		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	0.00
Koradi 9	0.04	0.04
Koradi 10	0.00	0.00
Parli 8	1.84	7.74

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	118.77	882.68
MSPGCL Thml+Gas	129.49	955.22
MSPGCL Hydro	24.39	100.98

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	153.89	1056.20
Koyna 1,2 & 4 Total	17.98	65.88
State Total	312.42	2090.89

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/Nov/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	4557	142	461	5160	230	4333	0	0	4027	4096	-819	13000	0	13000	1897	14897	49.98
2	4600	156	474	5230	187	4080	0	0	4030	4077	-665	12909	0	12909	1748	14657	49.99
3	4540	326	461	5327	150	4018	0	0	4057	4209	-574	13130	0	13130	1656	14786	49.98
4	4524	116	474	5114	160	4137	0	0	4039	3987	-527	12871	0	12871	1609	14480	49.97
5	4579	101	464	5144	152	4322	0	0	4155	4215	-465	13368	0	13368	1594	14962	49.92
6	4655	126	476	5257	148	4379	0	0	4579	4878	-483	14179	3	14182	1665	15847	49.94
7	5366	336	483	6185	146	4535	0	2	4803	4770	-526	15112	47	15159	1817	16976	49.94
8	5489	938	474	6901	125	4794	0	31	4762	4385	-337	15899	84	15983	1929	17912	49.90
9	5571	1945	466	7982	88	4817	0	97	4788	4715	-690	17009	386	17395	2291	19686	49.96
10	5599	2073	458	8130	127	4911	0	154	4814	4760	-794	17288	346	17634	2545	20179	49.93
11	5198	1828	439	7465	127	5070	0	181	4881	4643	-956	16530	238	16768	2823	19591	49.92
12	5140	1611	440	7191	101	5124	0	223	4945	5067	-982	16724	156	16880	2850	19730	49.97
13	5090	1341	355	6786	96	5159	0	221	5021	4922	-956	16228	139	16367	2827	19194	49.95
14	4979	1607	364	6950	109	5166	0	207	4950	5140	-887	16685	0	16685	2738	19423	49.98
15	4988	1588	413	6989	108	5166	0	172	4977	5004	-944	16495	0	16495	2753	19248	49.90
16	5030	1749	423	7202	119	5166	0	125	4981	5192	-887	16917	0	16917	2755	19672	49.93
17	4996	1797	440	7233	141	5191	0	66	4895	5374	-881	17124	0	17124	2745	19869	49.89
18	4975	1881	442	7298	140	5202	0	9	4888	5358	-837	17170	0	17170	2703	19873	49.87
19	5062	2003	444	7509	148	5177	0	0	5030	5381	-937	17278	11	17289	2767	20056	50.01
20	5117	1071	446	6634	196	5186	0	0	5040	4992	-856	16152	0	16152	2641	18793	50.00
21	4986	613	447	6046	261	5212	0	0	4978	5197	-852	15864	0	15864	2588	18452	49.96
22	4905	355	457	5717	395	5062	0	0	4896	4821	-889	15106	0	15106	2334	17440	49.99
23	4512	345	456	5313	476	4866	0	0	4736	4542	-1010	14187	0	14187	2219	16406	49.98
24	4310	345	468	5123	448	4778	0	0	4223	3894	-945	13298	0	13298	2025	15323	49.98
MUs	118.77	24.39	10.73	153.89	4.38	115.85	0.00	1.49	112.50	113.62	-18.70	370.52	1.41	371.93	55.52	427.45	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 07/Nov/2016

Position as on 6.30 Hrs of 08/Nov/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	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
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	
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	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05	07/11/2016	08.19	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	07/11/2016	06.21	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.	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koyna Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
MSPGCL	Chandrapur Unit 9	500	24/10/2016	21.37		Continued.	Bearing vibration high	
MSPGCL	Koradi Unit 9	660	29/10/2016	23.37	07/11/2016	23.09	Generator Seal Oil Leakage	
MSPGCL	Nasik Unit 4	210	03/11/2016	13.00		Continued.	Interchange With Unit-5	
MSPGCL	Parli Unit 6	250	04/11/2016	16.43		Continued.	Boiler Feed Pump Problem.	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Nov/2016

Position as on 6.30 Hrs of 08/Nov/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 5	500	07/11/2016	10.13	07/11/2016	22.30	DCS network problem.	
MSPGCL	Uran Unit B0	120	07/11/2016	11.50	07/11/2016	13.18	Control fluid press low.	
MSPGCL	Parli Unit 8	250	07/11/2016	18.18	07/11/2016	12.30	BFP tripped	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 08/Nov/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	06/11/2016	17.25	07/11/2016	07.30	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	07/11/2016	19.07		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	07/11/2016	22.01	08/11/2016	06.55	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	09/10/2016	12.29		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/11/2016	23.44	07/11/2016	08.01	HT	Over Voltage
karad -kolhapur-II	IntraState	06/11/2016	23.47	07/11/2016	09.31	HT	Over Voltage
Chandrapur II - Chandrapur ckt 2	IntraState	07/11/2016	21.15		Continued.	HT	Due to DGA analysis abnormal results are found.
Jaigad-Karad Ckt-II	IntraState	08/11/2016	02.06		Continued.	HT	Over Voltage
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.
Bableswhar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableswhar -Bhenda	IntraState	24/10/2016	06.57		Continued.	HT	Alephata line loading.
Kalwa - Borivali	IntraState	27/10/2016	08.32		Continued.	HT	Outage availed on28.10.2016 at 08:09 hrs for construction activity of Mumbai strenghtning work
Mulund - GIS Bhandup	IntraState	27/10/2016	08.53		Continued.	HT	outage availed on 28.10.2016 at 09:30hrs for construction activity of mumbai strenghtning work.
Nanded-Ghatodi	IntraState	06/11/2016	02.40		Continued.	PO	TO CONTROL WARDHA YEOTMAL L/L
Kalwa - Mulund 1	IntraState	06/11/2016	10.56		Continued.	PO	Conductor Replacement.
Halkarni-Mahalaxmiline	IntraState	07/11/2016	03.06	07/11/2016	04.11	T	Over Voltage
220kv Halkarni- Tillary	IntraState	07/11/2016	03.06	07/11/2016	04.04	T	Over Voltage
Bableswhar- Alephata	IntraState	07/11/2016	04.03	08/11/2016	01.45	T	CC failed at bableswhar end.
Pedhambe - Oni	IntraState	07/11/2016	04.11		Continued.	T	Distance Protection
Ghodbunder - Versova	IntraState	07/11/2016	09.11	07/11/2016	20.33	PO	Quarterly Maintainance Work
Badnera Tss-I	IntraState	07/11/2016	11.28	07/11/2016	18.15	PO	Measurement of breaker timings.
Tata Borivli MSETCL Borivli 4	IntraState	07/11/2016	15.35	07/11/2016	16.54	PO	Attending Hot Spot
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)
220/132kv 200MVA ICT-III @ Nanded	IntraState	07/11/2016	11.50	07/11/2016	13.50	PO	Attending Oil Leakage
132 KV LINE Outages/Trippings							
Ambazari-Arvi	IntraState	07/11/2016	18.05	07/11/2016	18.30	T	Distance Protection

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