

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Nov/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.158	3459.789	1) Gujrat	-2.950	-6.303
2) Hydro	20.709	378.415	2) Madhya Pradesh	8.094	227.710
3) Gas	10.766	269.701	3) Chattisgarh	9.210	172.290
Total MSPGCL	169.633	4107.905	4) Maharashtra Net	101.500	2557.861
B) 1) APML	52.394	1405.755	5) Goa (Amona)	-0.710	-18.634
2) JSWEL	15.654	517.071	Total	115.144	2932.924
3) VIPL	10.507	286.670	a) Mumbai Schedule	14.627	438.851
4) RPL(AMT)	0.000	228.754	b) Mumbai Drawl	18.816	544.968
5) WPCL	3.918	105.898	c) MSEDCL Bilateral *	13.852	673.592
6) PGPL	0.000	16.149	Include PX	0.000	-18.311
7) Other IPP	9.360	177.235	d) Mumbai Bilateral *	14.627	438.851
C) 1) TPCL Thermal	14.579	365.317	Include PX	0.470	40.337
2) TPCL Hydro	3.116	103.577	Include Standby	0.000	0.000
3) TPCL Gas	3.141	109.534	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.535	262.591	1) MSEDCL	366.607	9415.034
D) STATE			2) Mumbai Discoms	50.187	1385.984
1) Thermal	255.105	6809.080	TOTAL STATE	416.794	10801.018
(A1+C1+C4+(B1-B6))					
2) Hydro	23.825	481.992			
(A2+C2)					
3) Gas	13.907	395.384			
(A3+B6+C3)					
4) Wind	7.488	149.986			
6) SOLAR	1.325	31.655			
TOTAL STATE	301.650	7868.097			

* 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 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6091	5891	5860	5351
MSPGCL Hydro	1372	1660	1728	116
MSPGCL Gas	428	436	449	460
MSPGCL Total Generation	7891	7987	8037	5927
Central Sector Receipt	5305	5568	5401	3314
WIND	376	147	156	427
CPP / IPP Thermal	4094	3998	3988	3459
CPP / IPP Gas	0	0	0	0
SOLAR	171	8	0	0
Exchange with Mumbai	-787	-722	-841	-518
MSEDCL DEMAND MET	17050	16986	16741	12609
Load Shedding	0	0	0	0
MSEDCL DEMAND	17050	16986	16741	12609
TPCL GENERATION	1144	1131	1126	630
R-INFRA GENERATION	508	509	507	387
MUMBAI DEMAND	2439	2362	2474	1535
STATE DEMAND MET	19489	19348	19215	14144
STATE DEMAND	19489	19348	19215	14144
Frequency (Hz)	49.95	49.90	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 05.02 Hrs	49.72 Hz at 17.38 Hrs	49.98	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 26/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	0.00	54.21	0	0
Unit 8	12.39	254.01	597	485
Total	12.39	308.22		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.50	236.05	510	355
Unit 5	9.08	267.33	435	360
Total	18.58	503.38		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.84	94.62	229	189
Unit 7	4.66	107.12	216	180
Total	9.50	201.74		
Chandrapur				
Unit 3	4.52	115.63	200	167
Unit 4	4.48	114.88	194	171
Unit 5	9.87	194.99	445	360
Unit 6	10.18	253.65	460	360
Unit 7	9.15	229.70	406	354
Unit 8	10.49	263.39	490	366
Total	48.70	1172.23		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.29	128.86	250	190
Total	5.29	128.86		
Khaparkheda				
Unit 1	3.87	97.85	180	150
Unit 2	3.92	107.59	195	155
Unit 3	3.98	109.93	195	160
Unit 4	3.97	92.73	184	161
Unit 5	10.37	267.92	500	370
Total	26.12	676.01		
Nasik				
Unit 3	4.00	108.56	170	165
Unit 4	4.00	64.46	172	160
Unit 5	0.00	40.10	0	0
Total	8.00	213.11		
Uran				
All Units	10.77	269.70	472	422
Total	10.77	269.70		
PGPL				
Unit 1	0.00	10.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	6.15	0	0
Total	0.00	16.15		
PENCH (MS)				
Pench (MS)	0.26	11.32	54	0
Total	0.26	11.32		
Koyna				
Stage 1-2	6.00	114.22	505	45
Stage 4	7.13	133.53	862	0
Stage 3	2.96	52.66	240	0
Total	16.08	300.41		
Hydro				
KDPH	0.69	12.91	37	18
VTRNA	0.66	0.86	59	0
TILLARI	0.37	9.52	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	5.14	57	0
RNGR+BHTSA	0.38	8.16	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.95	14.56	51	36
GHATGHAR	1.50	26.86	125	0
Total	4.63	78.00		
Wind				
Total	7.49	149.99	0	0
Total	7.49	149.99		
CPP				
APML(Mus)	52.39	1405.76	0	0
JSWEL(Mus)	15.65	517.07	0	0
VIPL(Mus)	10.51	286.67	0	0
RPLAMT(Mus)	0.00	228.75	0	0
WPCL(Mus)	3.92	105.90	0	0
Other(Mus)	9.36	177.24	0	0
Total	91.83	2721.38		
SOLAR				
Total	1.32	31.66	0	0
Total	1.32	31.66		
Tata				
Trombay 5	9.39	227.35	492	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.84	69.26	115	65
Trombay 7B	1.30	40.28	68	49
Trombay 8	5.18	137.97	239	200
TATA Hydro	3.12	103.58	290	29
Total	20.84	578.43		
R-INFRA				
1-2	10.54	262.59	509	382
Total	10.54	262.59		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	75.72
Koradi 9	9.59	144.60
Koradi 10	0.00	0.00
Parli 8	0.00	35.91

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	138.16	3459.79
MSPGCL Thml+Gas	148.92	3729.49
MSPGCL Hydro	20.71	378.42

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	169.63	4107.90
Koyna 1,2 & 4 Total	13.12	247.75
State Total	301.65	7868.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	5353	170	467	5990	424	3448	0	0	3562	3557	-825	12594	0	12594	1842	14436	49.98
2	5340	334	460	6134	447	3478	0	0	3049	3253	-663	12649	0	12649	1680	14329	49.99
3	5366	244	467	6077	449	3467	0	0	3005	3232	-576	12649	0	12649	1593	14242	50.01
4	5351	116	460	5927	427	3459	0	0	3161	3314	-518	12609	0	12609	1535	14144	49.97
5	5360	330	459	6149	437	3443	0	0	3219	3511	-509	13031	0	13031	1526	14557	50.01
6	5360	527	472	6359	449	3518	0	0	4010	4124	-576	13874	0	13874	1593	15467	49.99
7	6006	677	462	7145	441	3819	0	0	4812	4849	-681	15573	0	15573	1699	17272	50.04
8	6313	771	460	7544	385	3943	0	20	5387	5692	-711	16873	0	16873	1755	18628	50.01
9	6263	1064	466	7793	348	3996	0	86	5359	5632	-833	17022	0	17022	1989	19011	50.01
10	6252	1307	447	8006	365	4079	0	150	5314	5312	-799	17113	0	17113	2218	19331	50.00
11	6091	1372	428	7891	376	4094	0	171	5353	5305	-787	17050	0	17050	2439	19489	49.95
12	5928	1364	427	7719	415	3923	0	192	5384	5264	-922	16591	0	16591	2528	19119	50.04
13	5855	1151	427	7433	373	3920	0	183	5327	5533	-887	16555	0	16555	2501	19056	50.00
14	5922	1092	436	7450	276	3934	0	184	5334	5413	-790	16467	0	16467	2363	18830	49.97
15	5900	1409	426	7735	229	3961	0	151	5370	5260	-756	16580	0	16580	2372	18952	49.96
16	5863	1433	422	7718	176	3987	0	117	5365	5271	-771	16498	0	16498	2394	18892	49.91
17	5860	1562	425	7847	139	4008	0	63	5311	5136	-741	16452	0	16452	2382	18834	49.93
18	5891	1660	436	7987	147	3998	0	8	5294	5568	-722	16986	0	16986	2362	19348	49.90
19	5860	1728	449	8037	156	3988	0	0	5435	5401	-841	16741	0	16741	2474	19215	50.00
20	5729	822	450	7001	183	3979	0	0	5523	5375	-915	15623	0	15623	2467	18090	49.97
21	5657	738	456	6851	161	3874	0	0	5400	5113	-1029	14970	0	14970	2311	17281	49.87
22	5642	546	440	6628	184	3869	0	0	5280	5272	-1035	14918	0	14918	2199	17117	50.02
23	5626	153	464	6243	227	3850	0	0	4917	4715	-1012	14023	0	14023	2029	16052	49.99
24	5370	139	460	5969	274	3795	0	0	4555	4042	-917	13163	0	13163	1936	15099	50.01
MUs	138.16	20.71	10.77	169.63	7.49	91.83	0.00	1.33	114.73	115.14	-18.82	366.61	0.00	366.61	50.19	416.79	49.98

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 26/Nov/2016

Position as on 6.30 Hrs of 27/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	
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	Koradi Unit 10	660	02/07/2016	05.04	27/11/2016	13.07	Withdrawn	
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	
MSPGCL	Koyna Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	12/11/2016	19.20		Continued.	Economizer Tube Leakage (continued under zero schedule).	
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	Koradi Unit 7	210	18/11/2016	01.09		Continued.	Zero Schedule By	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Nov/2016

Position as on 6.30 Hrs of 27/Nov/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							MSEDCL	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	For COD Conformation.	
MSPGCL	Chandrapur Unit 9	500	23/11/2016	12.43		Continued.	Boiler Tube Leakage	
PGPL	PGPL U1	262	23/11/2016	19.30		Continued.	No schedule.	
PGPL	PGPL U2	126	23/11/2016	19.33		Continued.	No schedule.	
IPP	VIPL U-1	300	27/11/2016	06.45	27/11/2016	08.35	Generator Elect. Fault	
MSPGCL	Khaparkheda Unit 3	210	27/11/2016	08.41		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 27/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 I	InterState	25/11/2016	17.21	26/11/2016	07.11	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	26/11/2016	18.08	27/11/2016	06.55	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	27/11/2016	18.12		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	09/10/2016	12.29		Continued.	HT	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Padghe - Kalwa- I	IntraState	21/11/2016	12.50		Continued.	PO	Outage up to 29.11.2016 for construction work.
karad -kolhapur-II	IntraState	25/11/2016	10.31	26/11/2016	07.34	PO	Annual Maintenance Work
Karad - Jaigad - II	IntraState	25/11/2016	20.03	26/11/2016	10.33	HT	Over Voltage
Deepnagar Waluj 1	IntraState	26/11/2016	12.05	26/11/2016	17.07	PO	Quarterly Maintainance Work
Jaigad-Karad Ckt-II	IntraState	26/11/2016	23.44		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	26/11/2016	23.50	27/11/2016	09.20	HT	Over Voltage
karad -kolhapur-I	IntraState	27/11/2016	18.38		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	27/11/2016	11.32	27/11/2016	20.47	PO	To attend abnormal sound problem of R phase Unit
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.
Bableshwar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableshwar -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.
Nashik-Airoli Knowledge Park	IntraState	14/11/2016	18.45		Continued.	PO	Divering 100kv padghe-sahapur line THR nasik-know park line.
Kalwa - Mulund 1	IntraState	22/11/2016	15.27	26/11/2016	16.40	PO	High Ampacity Conductor Replacement.
Telco- Chinchwad	IntraState	26/11/2016	10.25	26/11/2016	14.29	PO	ISOLATOR MAIN AND TESTING WORK
Hinganghat - Hinganghat Rly TSS-2	IntraState	26/11/2016	13.50	26/11/2016	14.15	T	Backup Protection
Hinganghat - Hinganghat Rly TSS 1	IntraState	26/11/2016	13.50	26/11/2016	14.15	T	Backup Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	27/11/2016	15.50	27/11/2016	20.24	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)
220/132KV 200MVA ICT2@Parvati	IntraState	26/11/2016	10.00	26/11/2016	13.00	PO	LA Replacement.
132 KV LINE Outages/Trippings							
Beed(220kv) -Telgaon	IntraState	27/11/2016	05.12	27/11/2016	05.55	T	Distance Protection
Talegaon- Pangari	IntraState	27/11/2016	05.12	27/11/2016	05.40	T	Distance Protection
Deepnagar (Gcr) - Supreme	IntraState	27/11/2016	06.29	27/11/2016	13.38	T	Distance Protection
100 KV LINE Outages/Trippings							
Padghe - Shahapur 1	IntraState	14/11/2016	08.50		Continued.	T	At loc. no 38 tower collapse.
Kolshet - Vasai	IntraState	26/11/2016	09.51	26/11/2016	10.33	PO	Jumper Replacement Work.

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