

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Nov/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.079	3597.868	1) Gujrat	-0.308	-6.611
2) Hydro	15.302	393.717	2) Madhya Pradesh	7.800	235.510
3) Gas	10.836	280.537	3) Chattisgarh	8.390	180.680
Total MSPGCL	164.217	4272.122	4) Maharashtra Net	100.795	2658.656
B) 1) APML	52.094	1457.849	5) Goa (Amona)	-0.662	-19.296
2) JSWEL	14.899	531.970	Total	116.015	3048.939
3) VIPL	9.568	296.238	a) Mumbai Schedule	12.957	451.808
4) RPL(AMT)	0.000	228.754	b) Mumbai Drawl	15.313	560.281
5) WPCL	4.014	109.912	c) MSEDCL Bilateral *	35.737	709.329
6) PGPL	0.000	16.149	Include PX	0.000	-18.311
7) Other IPP	10.385	187.620	d) Mumbai Bilateral *	12.957	451.808
C) 1) TPCL Thermal	14.500	379.817	Include PX	0.000	40.337
2) TPCL Hydro	1.298	104.875	Include Standby	0.000	0.000
3) TPCL Gas	3.091	112.625	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.546	273.137	1) MSEDCL	362.074	9777.108
D) STATE			2) Mumbai Discoms	44.750	1430.734
1) Thermal	254.085	7063.165	TOTAL STATE	406.824	11207.842
(A1+C1+C4+(B1-B6))					
2) Hydro	16.600	498.592			
(A2+C2)					
3) Gas	13.927	409.311			
(A3+B6+C3)					
4) Wind	4.892	154.878			
6) SOLAR	1.303	32.958			
TOTAL STATE	290.807	8158.904			

* 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 3 Hrs
MSPGCL Thermal	6049	6215	6151	5381
MSPGCL Hydro	1476	745	842	134
MSPGCL Gas	453	427	434	478
MSPGCL Total Generation	7978	7387	7427	5993
Central Sector Receipt	5291	5666	5302	3536
WIND	173	138	172	235
CPP / IPP Thermal	3963	3976	3965	3482
CPP / IPP Gas	0	0	0	0
SOLAR	160	12	0	0
Exchange with Mumbai	-575	-510	-658	-559
MSEDCL DEMAND MET	16990	16669	16208	12687
Load Shedding	0	0	0	0
MSEDCL DEMAND	16990	16669	16208	12687
TPCL GENERATION	943	939	972	631
R-INFRA GENERATION	507	509	504	386
MUMBAI DEMAND	2025	1958	2134	1576
STATE DEMAND MET	19015	18627	18342	14263
STATE DEMAND	19015	18627	18342	14263
Frequency (Hz)	50.02	50.17	50.05	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 18.02 Hrs	49.77 Hz at 07.36 Hrs	50.05	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 27/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	12.41	266.42	570	424
Total	12.41	320.63		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.56	246.60	510	360
Unit 5	9.54	276.87	450	350
Total	20.10	523.48		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.54	99.16	211	162
Unit 7	4.68	111.80	205	173
Total	9.22	210.96		
Chandrapur				
Unit 3	4.41	120.04	200	163
Unit 4	4.39	119.26	199	167
Unit 5	9.66	204.65	450	354
Unit 6	9.91	263.56	465	345
Unit 7	9.06	238.76	409	351
Unit 8	10.31	273.70	500	365
Total	47.75	1219.98		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.31	134.17	250	192
Total	5.31	134.17		
Khaparkheda				
Unit 1	4.18	102.03	190	155
Unit 2	4.27	111.86	200	160
Unit 3	1.41	111.34	187	0
Unit 4	4.21	96.94	192	161
Unit 5	10.59	278.50	500	380
Total	24.66	700.67		
Nasik				
Unit 3	4.00	112.56	170	165
Unit 4	4.01	68.46	171	163
Unit 5	0.00	40.10	0	0
Total	8.00	221.11		
Uran				
All Units	10.84	280.54	481	413
Total	10.84	280.54		
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)	0.12	11.43	23	0
Total	0.12	11.43		
Koyna				
Stage 1-2	4.72	118.94	535	40
Stage 4	4.27	137.80	450	0
Stage 3	2.13	54.79	160	0
Total	11.12	311.53		
Hydro				
KDPH	0.89	13.79	37	37
VTRNA	0.44	1.30	60	0
TILLARI	0.37	9.89	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	5.26	71	0
RNGR+BHTSA	0.38	8.53	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.47	15.04	29	17
GHATGHAR	1.51	28.37	250	0
Total	4.18	82.19		
Wind				
Total	4.89	154.88	0	0
Total	4.89	154.88		
CPP				
APML(Mus)	52.09	1457.85	0	0
JSWEL(Mus)	14.90	531.97	0	0
VIPL(Mus)	9.57	296.24	0	0
RPLAMT(Mus)	0.00	228.75	0	0
WPCL(Mus)	4.01	109.91	0	0
Other(Mus)	10.38	187.62	0	0
Total	90.96	2812.34		
SOLAR				
Total	1.30	32.96	0	0
Total	1.30	32.96		
Tata				
Trombay 5	9.40	236.75	493	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.81	71.06	100	64
Trombay 7B	1.28	41.56	62	49
Trombay 8	5.10	143.07	235	200
TATA Hydro	1.30	104.88	144	0
Total	18.89	597.32		
R-INFRA				
1-2	10.55	273.14	510	385
Total	10.55	273.14		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	75.72
Koradi 9	9.62	154.22
Koradi 10	1.01	1.01
Parli 8	0.00	35.91

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	138.08	3597.87
MSPGCL Thml+Gas	148.92	3878.40
MSPGCL Hydro	15.30	393.72

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	164.22	4272.12
Koyna 1,2 & 4 Total	8.98	256.74
State Total	290.81	8158.90

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	5352	114	471	5937	295	3639	0	0	3740	3581	-769	12683	0	12683	1784	14467	50.00
2	5322	294	466	6082	296	3496	0	0	3376	3574	-637	12811	0	12811	1653	14464	50.05
3	5381	134	478	5993	235	3482	0	0	3515	3536	-559	12687	0	12687	1576	14263	50.06
4	5380	114	464	5958	232	3459	0	0	3508	3711	-484	12876	0	12876	1500	14376	50.04
5	5359	109	476	5944	226	3458	0	0	3921	4091	-491	13228	0	13228	1508	14736	50.11
6	5381	284	477	6142	252	3552	0	0	4453	4379	-543	13782	0	13782	1557	15339	50.11
7	5537	506	481	6524	280	3753	0	2	5044	5370	-565	15364	0	15364	1603	16967	50.08
8	6128	1115	469	7712	246	3756	0	28	5403	5258	-644	16356	0	16356	1664	18020	50.07
9	6147	1125	458	7730	182	3796	0	83	5363	5374	-560	16605	0	16605	1764	18369	49.95
10	6064	1404	464	7932	194	3903	0	146	5362	5239	-450	16964	0	16964	1887	18851	50.07
11	6049	1476	453	7978	173	3963	0	160	5355	5291	-575	16990	0	16990	2025	19015	50.02
12	6033	1256	424	7713	190	3970	0	189	5397	5281	-604	16739	0	16739	2063	18802	50.10
13	6036	1020	435	7491	172	3951	0	188	5373	5278	-576	16504	0	16504	2039	18543	50.08
14	6143	823	418	7384	137	3965	0	177	5325	5256	-548	16371	0	16371	1994	18365	50.02
15	6127	648	419	7194	130	3970	0	154	5342	5354	-506	16296	0	16296	1941	18237	50.10
16	6133	650	428	7211	121	3969	0	107	5347	5396	-473	16331	0	16331	1923	18254	49.98
17	6202	645	413	7260	132	3970	0	57	5350	5206	-434	16191	0	16191	1906	18097	50.10
18	6215	745	427	7387	138	3976	0	12	5335	5666	-510	16669	0	16669	1958	18627	50.17
19	6151	842	434	7427	172	3965	0	0	5334	5302	-658	16208	0	16208	2134	18342	50.05
20	5495	536	456	6487	166	3861	0	0	5362	5430	-890	15054	0	15054	2155	17209	50.02
21	5390	413	441	6244	164	3859	0	0	5230	5372	-993	14646	0	14646	2133	16779	49.99
22	5372	624	464	6460	195	3870	0	0	4558	4790	-969	14346	0	14346	2070	16416	50.02
23	5343	312	454	6109	277	3817	0	0	4488	4267	-974	13496	0	13496	1991	15487	49.98
24	5339	113	466	5918	287	3558	0	0	4010	4013	-901	12875	0	12875	1920	14795	50.02
MUs	138.08	15.30	10.84	164.22	4.89	90.96	0.00	1.30	115.49	116.01	-15.31	362.07	0.00	362.07	44.75	406.82	50.05

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 27/Nov/2016

Position as on 6.30 Hrs of 28/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 27/Nov/2016

Position as on 6.30 Hrs of 28/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	
MSPGCL	Uran Unit 5	108	28/11/2016	00.25		Continued.	Boiler Leakage	
MSPGCL	Koradi Unit 10	660	28/11/2016	03.32	28/11/2016	04.12	Over Speed Testing work	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 28/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	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
Kolhapur Solapur(PG) I	InterState	28/11/2016	02.14		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.
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	Diverting 100kv padghe-sahapur line THR nasik-know park line.
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)
132 KV LINE Outages/Trippings							
Talegaon- Pangari	IntraState	27/11/2016	05.12	27/11/2016	05.40	T	Distance Protection
Beed(220kv) -Telgaon	IntraState	27/11/2016	05.12	27/11/2016	05.55	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.

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