

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Nov/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.807	3152.782	1) Gujrat	1.108	55.431
2) Hydro	8.561	226.761	2) Madhya Pradesh	10.491	241.271
3) Gas	10.432	226.499	3) Chattisgarh	6.100	146.180
Total MSPGCL	138.800	3606.042	4) Maharashtra Net	82.313	2309.848
B) 1) APML	54.304	1375.508	5) Goa (Amona)	-0.486	-134.124
2) JSWEL	20.913	533.067	6) TAPS 1&2 Injection	3.519	91.652
3) VIPL	11.833	265.514	7) RGPPL Injection	2.760	2.760
4) RPL(AMT)	18.624	585.584	8) Pench (MS)	0.124	14.230
5) WPCL	5.443	126.159	9) Pench (Excess)	-0.124	-14.230
6) Other IPP	9.949	182.741	Total	105.681	2698.788
C) 1) TPCL Thermal	15.495	401.613	a) Mumbai Schedule	21.679	514.152
2) TPCL Hydro	4.002	58.787	b) Mumbai Drawl	28.496	683.461
3) TPCL Gas	3.910	91.359	c) MSEDCL Bilateral *	24.211	612.664
4) R-INFRA Thermal	10.789	277.128	Include PX	-1.142	-4.465
D) STATE			d) Mumbai Bilateral *	21.679	514.152
1) Thermal	267.157	6900.096	Include PX	1.920	65.435
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	12.563	285.548	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.342	317.858	1) MSEDCL	341.454	8947.251
4) Wind	3.327	229.231	2) Mumbai Discoms	62.692	1512.338
6) SOLAR	1.076	28.078	TOTAL STATE	404.146	10459.589
TOTAL STATE	298.465	7760.811			

* 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 4 Hrs
MSPGCL Thermal	5103	5193	5029	4796
MSPGCL Hydro	1042	641	475	102
MSPGCL Gas	424	417	434	447
MSPGCL Total Generation	6569	6251	5938	5345
Central Sector Receipt	4805	4553	4678	3700
WIND	62	70	137	301
CPP / IPP	5399	5414	5331	4278
SOLAR	141	186	0	0
Exchange with Mumbai	-1309	-1295	-1436	-825
MSEDCL DEMAND MET	15667	15179	14648	12799
Load Shedding	19	19	12	15
MSEDCL DEMAND	15686	15198	14660	12814
TPCL GENERATION	1300	1316	1200	668
R-INFRA GENERATION	514	516	401	402
MUMBAI DEMAND	3123	3127	3037	1895
STATE DEMAND MET	18790	18306	17685	14694
STATE DEMAND	18809	18325	17697	14709
Frequency (Hz)	49.98	49.96	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 16.01 Hrs	49.69 Hz at 17.41 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 26/Nov/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.05	12.75	42	0
Unit 6	0.00	0.00	0	0
Unit 7	1.41	79.69	150	0
Total	1.46	92.44		
Bhusawal				
Unit 2	4.08	85.10	185	150
Unit 3	4.33	85.44	190	175
Unit 4	10.96	278.94	500	400
Unit 5	11.06	274.86	500	410
Total	30.43	724.35		
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	3.06	80.63	133	124
Unit 3	4.41	99.24	204	170
Unit 4	4.30	113.00	195	166
Unit 5	9.20	232.02	415	359
Unit 6	9.67	244.95	445	370
Unit 7	10.32	255.02	450	410
Total	40.96	1024.86		
Paras				
Unit 3	5.20	127.37	236	200
Unit 4	5.74	124.13	260	208
Total	10.94	251.50		
Khaparkheda				
Unit 1	3.66	97.30	165	135
Unit 2	1.37	84.69	155	0
Unit 3	4.27	86.73	192	157
Unit 4	3.38	90.20	161	0
Unit 5	9.39	255.97	440	321
Total	22.06	614.88		
Nasik				
Unit 3	4.68	96.70	205	185
Unit 4	4.56	105.36	201	180
Unit 5	4.71	115.61	206	188
Total	13.95	317.68		
Uran				
All Units	10.43	226.50	450	415
Total	10.43	226.50		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.12	14.23	35	0
Total	0.12	14.23		
Koyna				
Stage 1-2	2.56	73.83	325	40
Stage 4	0.91	31.79	250	0
Stage 3	0.80	22.67	160	0
Total	4.27	128.29		
Hydro				
KDPH	0.65	14.89	36	18
VTRNA	0.54	12.88	61	0
TILLARI	0.00	0.76	0	0
BHTGR/VEER	0.09	0.82	4	3
BHIRA T.R.	0.17	3.13	80	0
RNGR+BHTSA	0.22	6.06	15	0
BHANDARDRA	0.46	11.33	36	11
ELDARY	0.00	1.02	0	0
SMLHY_PTN	0.66	14.99	35	24
GHATGHAR	1.51	32.61	250	0
Total	4.29	98.47		
Wind				
Total	3.33	229.23	0	0
Total	3.33	229.23		
CPP				
APML(Mus)	54.30	1375.51	0	0
JSWEL(Mus)	20.91	533.07	0	0
VIPL(Mus)	11.83	265.51	0	0
RPLAMT(Mus)	18.62	585.58	0	0
WPCL(Mus)	5.44	126.16	0	0
Other(Mus)	9.95	182.74	0	0
Total	121.07	3068.57		
SOLAR				
Total	1.08	28.08	0	0
Total	1.08	28.08		
Tata				
Trombay 5	9.85	257.35	469	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	54.96	115	89
Trombay 7B	1.51	36.40	68	59
Trombay 8	5.65	144.26	251	201
TATA Hydro	4.00	58.79	459	35
Total	23.41	551.76		
R-INFRA				
1-2	10.79	277.13	517	401
Total	10.79	277.13		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	119.81	3152.78
MSPGCL Thml+Gas	130.24	3379.28

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.56	226.76
MSPGCL Total	138.80	3606.04

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.47	105.62
State Total	298.46	7760.81

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Nov/2015

Annexure-2

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	4871	97	446	5414	354	4487	0	4446	4210	-1211	13254	18	13272	2293	15565	49.97
2	4813	102	447	5362	357	4187	0	4162	4170	-1036	13040	12	13052	2104	15156	49.98
3	4824	102	436	5362	311	4148	0	4019	4031	-909	12943	15	12958	1978	14936	49.99
4	4796	102	447	5345	301	4278	0	3781	3700	-825	12799	15	12814	1895	14709	50.01
5	4778	102	446	5326	243	4561	0	3869	3510	-807	12833	15	12848	1879	14727	49.98
6	4793	107	446	5346	213	4804	0	4201	4236	-859	13740	20	13760	1932	15692	49.91
7	5046	282	446	5774	200	5033	2	4203	4399	-857	14551	20	14571	2043	16614	49.87
8	5206	260	447	5913	150	5226	17	4485	4507	-809	15004	20	15024	2181	17205	49.94
9	5228	611	434	6273	99	5374	63	4406	4539	-1086	15262	20	15282	2515	17797	49.93
10	5182	1029	442	6653	85	5370	110	4550	4584	-1136	15666	19	15685	2813	18498	49.89
11	5103	1042	424	6569	62	5399	141	4734	4805	-1309	15667	19	15686	3123	18809	49.98
12	5166	914	431	6511	74	5440	155	4857	4739	-1306	15613	19	15632	3130	18762	49.96
13	5193	641	417	6251	70	5414	186	4814	4553	-1295	15179	19	15198	3127	18325	49.96
14	5213	250	415	5878	60	5430	142	4678	4448	-1228	14730	15	14745	3027	17772	49.98
15	5241	272	417	5930	53	5479	128	4738	4753	-1279	15064	12	15076	3070	18146	49.96
16	5211	532	419	6162	47	5485	79	4913	4662	-1291	15144	12	15156	3079	18235	49.94
17	5097	264	420	5781	48	5353	44	4851	4495	-1288	14433	12	14445	3053	17498	49.91
18	5022	265	427	5714	110	5428	9	4738	4311	-1417	14155	12	14167	3007	17174	49.89
19	5029	475	434	5938	137	5331	0	4937	4678	-1436	14648	12	14660	3037	17697	49.97
20	4926	270	440	5636	115	5244	0	5203	4815	-1486	14324	12	14336	2952	17288	49.99
21	4787	217	429	5433	80	5030	0	5055	4664	-1469	13738	12	13750	2796	16546	49.98
22	4746	198	441	5385	56	4799	0	4917	4492	-1379	13353	12	13365	2640	16005	49.99
23	4692	211	450	5353	55	4813	0	4671	4325	-1431	13115	12	13127	2550	15677	49.92
24	4844	216	431	5491	47	4953	0	4734	4055	-1347	13199	12	13211	2468	15679	49.99
MUs	119.81	8.56	10.43	138.80	3.33	121.07	1.08	109.96	105.68	-28.50	341.45	0.37	341.82	62.69	404.51	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 26/Nov/2015

Position as on 6.30 Hrs of 27/Nov/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	26/11/2015	12.32	Water Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06:14	26/11/2015	08:47	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	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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	
CPP	WPCL U-1	135	23/10/2015	17.31		Continued.	ESP filter problem	
MSPGCL	Koradi Unit-8	660	09/11/2015	01.07		Continued.	Coal mill problem	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
IPP	RPL(AMT) U-4	270	18/11/2015	11.48		Continued.	PA Fan problem	
MSPGCL	Koradi Unit 5	200	19/11/2015	14.34	26/11/2015	22.26	Rotor Earth Fault.	
IPP	JSW (J) U2	300	20/11/2015	11.16		Continued.	No Schedule.	
IPP	Adani U-5	660	22/11/2015	08.55		Continued.	Leakage tube oil system	
IPP	RPL(AMT) U-5	270	23/11/2015	12.41	26/11/2015	15.36	Turbine Vibration high	
MSPGCL	Khaparkheda Unit 2	210	23/11/2015	14.24	26/11/2015	12.35	ID Fan Problem	
MSPGCL	Koradi Unit 7	210	26/11/2015	09.45		Continued.	Air Heater Problem.	
MSPGCL	Khaparkheda Unit 4	210	26/11/2015	22.15		Continued.	Turbine Vibration High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 27/Nov/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	18/11/2015	11.33	26/11/2015	09.34	T	Distance Protection(RFC 19.25Hrs)
Dhule Sar'Sarovar I	InterState	25/11/2015	19.26	26/11/2015	06.29	HT	Over Voltage
Koradi Satpur	InterState	26/11/2015	13.33	26/11/2015	14.10	PO	Isolator Work @ Satpur S/S.
Dhule Sar'Sarovar I	InterState	26/11/2015	20.52	27/11/2015	07.01	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	20/11/2015	12.01		Continued.	PO	Testing Work,RFC @ 17.40 Hrs.
karad -kolhapur-II	IntraState	25/11/2015	16.34	26/11/2015	08.45	HT	Over Voltage
Karad - Jaigad - II	IntraState	25/11/2015	16.38	26/11/2015	08.48	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/11/2015	19.02	26/11/2015	06.42	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	25/11/2015	20.15	26/11/2015	16.32	EO	Line Protection Problem
Lonikand I - Koyna stage-IV	IntraState	25/11/2015	23.57		Continued.	HT	Over Voltage
Kalwa - Kharghar	IntraState	26/11/2015	05.55	26/11/2015	09.45	PO	Spike Earthing
Lonikand I - Koyna stage-IV	IntraState	26/11/2015	09.05		Continued.	PO	Replacement of Faulty String @ Loc No 250,PID Testing Work.(RFC @ 18.40 Hrs).
karad -kolhapur-I	IntraState	26/11/2015	16.07		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	26/11/2015	17.07		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/11/2015	19.50	27/11/2015	06.52	HT	Over Voltage
Kalwa - Kharghar	IntraState	27/11/2015	06.56		Continued.	PO	Painting of Cross Arm.
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	27/11/2015	06.18		Continued.	PO	Attending Hot Spot
220 KV LINE Outages/Trippings							
Boisar Tarapur	InterState	20/11/2015	06.05		Continued.	PO	String Work of M/C 0.4KM Between Boiser Gantry & Loc Noc1/A1(20 Days).
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.
Wadkhali - Ipcl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Kalwa-Salsette-IV	IntraState	14/11/2015	08.20		Continued.	PO	Conductor uprating work (35 days outage)
Boisar(M) - Ghodbunder	IntraState	20/11/2015	06.18		Continued.	PO	String Work ofM/C 0.4KM Between Boiser Gantry & Loc No.1/A1(20 Days).
Adlabs - Pedambe	IntraState	25/11/2015	18.57	26/11/2015	12.10	T	Distance Protection
Arey - TPC Borivali	IntraState	26/11/2015	00.58		Continued.	PO	Fixing of Insulation sleeves on Tower
TPC Borivali Aarey Line 1	IntraState	26/11/2015	00.58	26/11/2015	04.33	PO	Fixing of Insulation Sleeves on Tower.
Halkarni - Tillari II	IntraState	26/11/2015	07.47	26/11/2015	16.27	PO	Cleaning of Polluted Insulator String.
Khaparkheda-Kaulewada-I	IntraState	26/11/2015	08.42	26/11/2015	19.22	PO	Stringing Work 400KV D/C Mouda -Betul Line(PGCIL Outage,on Daily Basis).
Khaparkheda-Kaulewada-II	IntraState	26/11/2015	08.42	26/11/2015	19.24	PO	Stringing Work 400KV D/C Mouda -Betul Line(PGCIL Outage,on Daily Basis).
New Koyna - Pophali-II	IntraState	26/11/2015	09.45	26/11/2015	16.00	PO	Diagnostic Testing Work.

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 26/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 27/Nov/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Apta - Hoc	IntraState	26/11/2015	10.08	26/11/2015	14.41	PO	Attending Hot Spot
Khadka-Bhadli-2	IntraState	26/11/2015	10.58	26/11/2015	16.01	PO	Replacement of CC.
Dhamangaon New- Tss -I	IntraState	26/11/2015	12.05	26/11/2015	14.53	PO	ABT Metering Work.
Badnera Tss-I	IntraState	26/11/2015	12.49	26/11/2015	13.05	PO	ABT Metering Work.
Badnera Tss-Ii	IntraState	26/11/2015	14.02	26/11/2015	14.28	PO	ABT Metering Work.
Jejuri-Phursungi 1	IntraState	26/11/2015	14.54	26/11/2015	17.15	PO	Attending Hot Spot
Badnera Tss-I	IntraState	26/11/2015	14.59	26/11/2015	17.50	PO	ABT Metering Work.
Parli 3 (Old Gcr)-Osmanabad	IntraState	26/11/2015	16.33	26/11/2015	17.05	EO	Attending Oil Leakage
Arey - TPC Borivali	IntraState	27/11/2015	00.50		Continued.	PO	Fixing of Insulation Sleeves on Tower.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 KV 200MVA Vijai ICT-2 @Theur	IntraState	26/11/2015	09.15	26/11/2015	13.07	PO	Diagnostic Testing Work.
220/132kv 200mva Emco Ict @Kurkumbh	IntraState	26/11/2015	10.10	26/11/2015	18.38	PO	Diagnostic Testing Work.
220/33kV 100 MVA Transformer 3 @Aarey R/S	IntraState	26/11/2015	10.40	26/11/2015	17.56	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Padegaon-Pishor	IntraState	26/11/2015	18.30	26/11/2015	18.47	T	Distance Protection

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