

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Mar/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.539	3260.023	1) Gujrat	-5.229	-77.834
2) Hydro	17.348	358.088	2) Madhya Pradesh	16.323	414.754
3) Gas	10.329	246.053	3) Chattisgarh	6.200	134.640
Total MSPGCL	145.216	3864.164	4) Maharashtra Net	105.060	2225.664
B) 1) APML	57.490	1280.600	5) Goa	-7.071	-179.587
2) JSWEL	17.145	398.225	6) TAPS 1&2 Injection	3.585	98.731
3) VIPL	12.234	276.171	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.760	138.970	8) Pench (MS)	0.000	2.647
5) WPCL	2.751	70.305	9) Pench (Excess)	0.000	-2.685
6) Other IPP	9.729	252.182	Total	118.868	2613.683
C) 1) TPCL Thermal	21.728	412.941	a) Mumbai Schedule	24.259	540.365
2) TPCL Hydro	4.549	76.549	b) Mumbai Drawl	23.227	564.184
3) TPCL Gas	4.352	93.763	c) MSEDCL Bilateral *	18.723	585.039
4) R-INFRA Thermal	12.429	297.930	Include PX	0.000	-16.842
D) STATE			d) Mumbai Bilateral *	24.259	539.507
1) Thermal	256.805	6387.347	Include PX	2.152	15.237
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.858
2) Hydro	21.897	434.637	H) ENERGY CATERED (MUs)		
3) Gas	14.681	339.816	1) MSEDCL	351.678	8548.628
4) Wind	4.523	183.638	2) Mumbai Discoms	66.286	1445.351
6) SOLAR	1.189	32.227	TOTAL STATE	417.964	9993.979
TOTAL STATE	299.095	7377.665			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4953	5045	5099	4668
MSPGCL Hydro	1494	1355	781	149
MSPGCL Gas	428	424	430	433
MSPGCL Total Generation	6875	6824	6310	5250
Central Sector Receipt	5184	5038	4557	4775
WIND	67	131	436	149
CPP / IPP	4535	4437	4293	4465
SOLAR	210	173	0	0
Exchange with Mumbai	-1253	-1226	-1210	-561
MSEDCL DEMAND MET	15618	15377	14386	14078
Load Shedding	61	69	49	48
MSEDCL DEMAND	15679	15446	14435	14126
TPCL GENERATION	1536	1579	1310	1066
R-INFRA GENERATION	516	520	517	519
MUMBAI DEMAND	3305	3325	3037	2146
STATE DEMAND MET	18923	18702	17423	16224
STATE DEMAND	18984	18771	17472	16272
Frequency (Hz)	49.96	49.99	49.96	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 17:04 Hrs	49.71 Hz at 00:06 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 27/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	67.42	0	0
Unit 7	3.94	103.27	178	150
Total	3.94	170.70		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.40	93.77	195	0
Unit 4	11.40	231.17	510	390
Unit 5	8.62	188.33	500	90
Total	23.42	513.27		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.15	85.94	152	117
Unit 5	0.00	72.36	0	0
Unit 6	4.76	125.26	250	185
Unit 7	4.95	112.63	250	176
Total	12.86	396.20		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.31	88.59	141	135
Unit 3	4.62	117.05	210	160
Unit 4	4.42	97.64	193	160
Unit 5	3.05	222.64	420	0
Unit 6	9.77	205.51	425	371
Unit 7	9.45	245.07	413	357
Total	34.61	976.50		
Paras				
Unit 3	1.18	119.98	216	0
Unit 4	0.00	18.35	0	0
Total	1.18	138.33		
Khaparkheda				
Unit 1	4.10	109.84	185	155
Unit 2	3.84	102.89	175	145
Unit 3	4.39	107.16	194	153
Unit 4	4.36	114.38	196	152
Unit 5	11.42	279.37	500	390
Total	28.10	713.63		
Nasik				
Unit 3	4.60	118.76	205	170
Unit 4	4.59	118.17	198	180
Unit 5	4.25	114.47	185	164
Total	13.43	351.40		
Uran				
All Units	10.33	246.05	438	418
Total	10.33	246.05		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	2.65	0	0
Total	0.00	2.65		
Koyna				
Stage 1-2	4.96	108.51	535	40
Stage 4	6.07	96.40	558	0
Stage 3	2.35	44.93	160	0
Total	13.37	249.84		
Hydro				
KDPH	0.44	6.40	19	18
VTRNA	1.09	27.16	61	0
TILLARI	0.37	7.59	64	0
BHTGR/VEER	0.06	1.08	3	2
BHIRA T.R.	0.32	3.86	40	0
RNGR+BHTSA	0.31	8.04	13	12
BHANDARDRA	0.46	9.36	20	19
ELDARY	0.39	2.07	18	11
SMLHY_PTN	0.53	18.31	22	22
GHATGHAR	0.00	24.38	0	0
Total	3.98	108.25		
Wind				
Total	4.52	183.64	0	0
Total	4.52	183.64		
CPP				
APML(Mus)	57.49	1280.60	0	0
JSWEL(Mus)	17.14	398.22	0	0
VIPL(Mus)	12.23	276.17	0	0
RPLAMT(Mus)	5.76	138.97	0	0
WPCL(Mus)	2.75	70.30	0	0
Other(Mus)	9.73	252.18	0	0
Total	105.11	2416.45		
SOLAR				
Total	1.19	32.23	0	0
Total	1.19	32.23		
Tata				
Trombay 5	11.64	240.76	491	434
Trombay 6	4.11	24.37	246	146
Trombay 7A	2.74	56.90	125	104
Trombay 7B	1.61	36.86	71	65
Trombay 8	5.97	147.82	250	246
TATA Hydro	4.55	76.55	447	0
Total	30.63	583.25		
R-INFRA				
1-2	12.43	297.93	521	512
Total	12.43	297.93		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	117.54	3260.02
MSPGCL Thml+Gas	127.87	3506.08

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	17.35	358.09
MSPGCL Total	145.22	3864.16

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	11.02	204.91
State Total	299.10	7377.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Mar/2015

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	4574	474	430	5478	180	4491	0	5101	5217	-893	14473	59	14532	2525	17057	49.83
2	4629	303	433	5365	165	4464	0	4922	4958	-704	14248	44	14292	2315	16607	49.88
3	4668	149	433	5250	149	4465	0	4691	4775	-561	14078	48	14126	2146	16272	49.92
4	4770	228	432	5430	193	4483	0	4538	4560	-469	14197	48	14245	2056	16301	49.92
5	4815	149	437	5401	193	4471	0	4492	4883	-431	14517	48	14565	2026	16591	49.91
6	4821	175	436	5432	254	4447	0	4661	4990	-508	14615	50	14665	2061	16726	49.84
7	4752	612	434	5798	280	4414	12	4825	5279	-569	15214	94	15308	2154	17462	49.98
8	4857	885	438	6180	210	4403	34	4886	5249	-639	15437	94	15531	2256	17787	50.01
9	4935	986	432	6353	139	4417	77	5032	5054	-865	15175	92	15267	2554	17821	49.99
10	4928	1263	430	6621	144	4501	126	4928	5297	-1113	15576	60	15636	2920	18556	49.98
11	4888	1465	430	6783	82	4544	187	5169	5259	-1229	15626	50	15676	3221	18897	49.98
12	4953	1494	428	6875	67	4535	210	5348	5184	-1253	15618	61	15679	3305	18984	49.96
13	5045	1355	424	6824	131	4437	173	5289	5038	-1226	15377	69	15446	3325	18771	49.99
14	5033	948	418	6399	121	4326	150	5231	5041	-1126	14911	60	14971	3250	18221	50.02
15	5123	784	420	6327	141	4554	104	5249	5368	-1185	15309	50	15359	3311	18670	49.95
16	5021	796	422	6239	168	4408	66	5259	5315	-1181	15015	39	15054	3307	18361	49.97
17	5095	784	427	6306	199	4400	40	5113	4787	-1241	14491	50	14541	3255	17796	49.99
18	4987	241	428	5656	214	4289	10	4888	4394	-1188	13375	61	13436	3153	16589	50.15
19	4816	428	428	5672	224	3948	0	4587	4740	-1209	13375	48	13423	3044	16467	50.03
20	5099	781	430	6310	436	4293	0	4704	4557	-1210	14386	49	14435	3037	17472	49.96
21	4972	684	432	6088	274	4257	0	4867	4839	-1181	14277	47	14324	2885	17209	49.98
22	4937	696	432	6065	186	4296	0	4526	4656	-1116	14087	39	14126	2797	16923	49.99
23	4957	692	437	6086	187	4229	0	4575	4829	-1073	14258	39	14297	2741	17038	49.93
24	4864	976	438	6278	186	4037	0	4716	4599	-1057	14043	39	14082	2641	16723	49.93
MUs	117.54	17.35	10.33	145.22	4.52	105.11	1.19	117.60	118.87	-23.23	351.68	1.34	353.02	66.28	419.30	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 27/Mar/2015

Position as on 6.30 Hrs of 28/Mar/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 3	210	13/02/2013	23:50		Continued.	Water Shortage	
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling Work. (60 Days)	
MSPGCL	Paras Unit 4	250	05/03/2015	00.00		Continued.	Annual Overhaul	
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		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	WPCL U-2	135	18/02/2014	00.02		Continued.	Ash conveying Problem	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
MSPGCL	Koradi Unit 5	200	17/06/2014	11:53		Continued.	Economic Shutdown	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
CPP	WPCL U-1	135	30/10/2014	00.43		Continued.	ESP bag Filter Damaged	
IPP	Adani U-3	660	06/02/2015	11.42		Continued.	Bushing Repl Work.	
IPP	JSW (J) U4	300	05/03/2015	00.15		Continued.	Boiler Tube Leakage	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
CENT.SECTOR	TARAPUR-3	540	18/03/2015	12.05		Continued.	Maintenance work	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Handtripped due to ID Fan Problem.	
MSPGCL	Uran Unit 7	108	21/03/2015	13.56		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
MSPGCL	Bhusawal Unit 3	210	23/03/2015	15.30	27/03/2015	03.22	BTL.	
MSPGCL	Parli Unit 5	210	25/03/2015	22.22		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	26/03/2015	16.44	27/03/2015	14.05	Turbine Control Problem.	
MSPGCL	Paras Unit 3	250	27/03/2015	05.45		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 28/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	27/03/2015	15.35	27/03/2015	15.36	T	First time charged
400 KV LINE Outages/Trippings							
Kolhapur Mapusa II	InterState	26/03/2015	17.10	27/03/2015	09.08	HT	Over Voltage
Kolhapur Mapusa I	InterState	27/03/2015	16.35		Continued.	PO	To Attend Hot Spot on PG @ Kolhapur End.
Dhule Sar'Sarovar I	InterState	27/03/2015	17.34	28/03/2015	06.56	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20	27/03/2015	10.00	HT	B Ph Jumper Open.
Babhaleshwar-Taptitanda ckt-II	IntraState	14/03/2015	15.47		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	26/03/2015	16.35	27/03/2015	08.07	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/03/2015	17.06	27/03/2015	06.26	T	Over Voltage
Karad-Jaigad - I	IntraState	26/03/2015	20.02	27/03/2015	08.22	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	27/03/2015	06.33	27/03/2015	15.16	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	27/03/2015	12.43	27/03/2015	13.30	T	Distance Protection
Bhusawal-Aurangabad	IntraState	27/03/2015	17.18	28/03/2015	05.25	HT	Over Voltage
karad -kolhapur-I	IntraState	27/03/2015	17.20	28/03/2015	07.10	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	27/03/2015	18.12	28/03/2015	07.13	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT- II @Padghe	IntraState	25/03/2015	10.56		Continued.	PO	LV side in shifted on TBC
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/03/2015	17.59		Continued.	HT	To control Loading of Bus Section at Nsk OCR
Mudshingi Chikodi	InterState	27/03/2015	19.26	28/03/2015	05.06	PO	Attending Hot Spot
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Kalwa Salsette III	IntraState	24/02/2015	09.03		Continued.	PO	Strengthening work,line taken in service on 02.03.15 at 11.39 hrs.to attend hot spot on kalwa-s'sette IV.again H/T on 03.03.15 at 10.23 Hrs.(45Days)
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
Bableswhar -Waluj	IntraState	05/03/2015	06.35	27/03/2015	12.43	HT	To control A'Bad ICT Load
Trombay - Kalwa	IntraState	19/03/2015	14.27		Continued.	PO	Pannel Replacemen Work(Outage for 8 Days).
Pophli Pedhmbe Line- 2	IntraState	26/03/2015	16.57		Continued.	T	Distance Protection (B Ph LA Burst).
Dhule - Malegaon	IntraState	26/03/2015	18.38	27/03/2015	03.17	T	Distance Protection R Ph Z-I.
Bableswhar- Alephata	IntraState	26/03/2015	23.53	27/03/2015	20.05	HT	To Control Loading on ICT @ BBLSR.
Chalishaon -Babhaleshwar	IntraState	26/03/2015	23.56	27/03/2015	05.04	HT	To Control Overload @ Khadka-Chalishaon line.
New Koyna - Pedambe	IntraState	27/03/2015	02.04	27/03/2015	16.18	T	Distance Protection
Padghe - Nalasopara	IntraState	27/03/2015	09.56	27/03/2015	15.21	PO	Attending Hot Spot
Padegaon-Sawangi	IntraState	27/03/2015	09.58	27/03/2015	19.02	PO	Re-Opientation Work & O/H Conductor Stringing Work.
Talandge(400kv)- Sawantwadi(Insul	IntraState	27/03/2015	10.34	27/03/2015	14.43	PO	Annual Maintenance Work
Mahad - Pedambe	IntraState	27/03/2015	13.00	27/03/2015	16.33	PO	To Check Air Leakage in Breaker.
Anandnagar - Pal	IntraState	27/03/2015	14.05	27/03/2015	16.30	PO	Replacement of Faulty Air Pressure Switch of Breaker.
Kalmeshwar-Kalmeshwar Rly Tss 2	IntraState	27/03/2015	15.02	27/03/2015	17.46	PO	Measurment of Breaker Timings & Measurment of Contact Resistances.
Kalmeshwar-Kalmeshwar Rly Tss 1	IntraState	27/03/2015	15.02	27/03/2015	17.46	PO	Measurment of Breaker Timings & Measurment of Contact

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 27/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 28/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Resistances.
Chitegaon-Shendra Ckt-II	IntraState	27/03/2015	15.25	27/03/2015	17.25	PO	Measurment of Breaker Timings & Measurment of Contact Resistances.
Chalisgaon -Babhaleshwar	IntraState	27/03/2015	18.02	27/03/2015	19.50	HT	Overloading of Chalisgaon-Khadka-II.
Khadka-Chalisgaon-2	IntraState	27/03/2015	18.10	27/03/2015	19.45	PO	Measurment of Tan Delta of CT.
Talandge-Mudshingi Ckt-I	IntraState	27/03/2015	19.26	28/03/2015	03.06	HT	Due to Clearance Problem for Chikodi-Mudshingi Outage.
Butibori-Sunvijay	IntraState	27/03/2015	19.53	28/03/2015	00.36	T	B Ph Suspension Insulator String Broken @ Butibori.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/33kV 125 MVA Transformer 1 @Gorai R/S	IntraState	27/03/2015	09.41	27/03/2015	16.25	PO	Routine Maintenance Work
220/132 Kv 200 Mva Bbl Ict 3 @Padegaon	IntraState	27/03/2015	11.25	27/03/2015	13.00	PO	Replacement of HV WTI Meter.
220/132 Kv 100 Mva Ict 1 @Bhokardan	IntraState	27/03/2015	11.45	27/03/2015	20.01	PO	C T Leakage Attending.
220/33kv 25mva Apex Ptr 1 @New Koyna	IntraState	27/03/2015	11.48	27/03/2015	17.00	PO	Shifted on TBC,Breaker Work.
132 KV LINE Outages/Trippings							
Kalmeshwar-Saoner 2	IntraState	27/03/2015	17.15	27/03/2015	17.35	T	Distance Protection Operated Z-I B Ph.

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