

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.309	3370.543	1) Gujrat	-2.507	-31.876
2) Hydro	9.319	245.328	2) Madhya Pradesh	16.394	401.650
3) Gas	7.520	222.484	3) Chattisgarh	6.050	164.950
Total MSPGCL	143.148	3838.355	4) Maharashtra Net	110.205	2795.566
B) 1) APML	40.840	1218.239	5) Goa	-6.831	-174.196
2) JSWEL	11.914	355.779	6) TAPS 1&2 Injection	3.686	89.341
3) VIPL	10.543	283.559	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.230	156.670	8) Pench (MS)	0.036	10.101
5) WPCL	2.629	74.145	9) Pench (Excess)	-0.036	-10.101
6) Other IPP	9.842	259.687	Total	126.961	3235.334
C) 1) TPCL Thermal	15.764	331.370	a) Mumbai Schedule	19.567	566.034
2) TPCL Hydro	3.148	111.166	b) Mumbai Drawl	21.126	652.652
3) TPCL Gas	0.000	0.000	c) MSEDCL Bilateral *	30.101	772.810
4) R-INFRA Thermal	11.127	247.984	Include PX	4.236	106.611
D) STATE			d) Mumbai Bilateral *	19.567	563.108
1) Thermal	234.198	6297.976	Include PX	1.529	74.193
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.926
2) Hydro	12.467	356.494	H) ENERGY CATERED (MUs)		
3) Gas	7.520	222.484	1) MSEDCL	337.343	8968.505
4) Wind	5.915	155.649	2) Mumbai Discoms	51.311	1343.308
6) SOLAR	1.411	33.639	TOTAL STATE	388.654	10311.813
TOTAL STATE	261.511	7066.242			

* 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 23 Hrs
MSPGCL Thermal	5514	5548	4892	4852
MSPGCL Hydro	465	383	799	213
MSPGCL Gas	307	307	312	313
MSPGCL Total Generation	6286	6238	6003	5378
Central Sector Receipt	6540	6176	4960	4768
WIND	94	141	225	350
CPP / IPP	3653	3682	3399	2984
SOLAR	213	186	0	0
Exchange with Mumbai	-1100	-1087	-1015	-1047
MSEDCL DEMAND MET	15686	15336	13572	12433
Load Shedding	65	132	64	65
MSEDCL DEMAND	15751	15468	13636	12498
TPCL GENERATION	1074	1048	1020	591
R-INFRA GENERATION	516	518	480	390
MUMBAI DEMAND	2690	2653	2515	2028
STATE DEMAND MET	18376	17989	16087	14461
STATE DEMAND	18441	18121	16151	14526
Frequency (Hz)	50.00	49.99	50.00	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 06.02 Hrs	49.75 Hz at 06.12 Hrs	50	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/Feb/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	3.88	99.47	172	150
Unit 7	3.76	102.74	170	130
Total	7.63	202.21		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.90	6.74	180	140
Unit 4	10.04	266.76	505	310
Unit 5	10.12	138.16	500	325
Total	24.05	411.66		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.76	97.38	165	154
Unit 5	1.62	94.76	155	0
Unit 6	5.50	131.69	250	220
Unit 7	5.56	131.50	250	220
Total	16.43	455.33		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.33	71.90	144	131
Unit 3	4.53	109.20	204	177
Unit 4	0.00	96.12	0	0
Unit 5	0.00	222.89	0	0
Unit 6	9.32	222.65	430	360
Unit 7	9.35	260.39	416	360
Total	26.54	983.16		
Paras				
Unit 3	5.17	131.47	237	198
Unit 4	4.83	114.30	225	178
Total	10.00	245.77		
Khaparkheda				
Unit 1	4.46	116.27	200	175
Unit 2	3.78	102.36	165	135
Unit 3	4.68	118.92	210	178
Unit 4	4.47	103.52	200	171
Unit 5	11.01	301.27	500	416
Total	28.41	742.35		
Nasik				
Unit 3	4.44	104.61	195	170
Unit 4	4.40	110.11	192	172
Unit 5	4.42	115.35	196	173
Total	13.26	330.07		
Uran				
All Units	7.52	222.48	323	300
Total	7.52	222.48		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.04	10.10	19	0
Total	0.04	10.10		
Koyna				
Stage 1-2	2.47	70.41	355	40
Stage 4	1.42	43.80	460	0
Stage 3	0.73	24.76	160	0
Total	4.63	138.97		
Hydro				
KDPH	0.44	14.68	19	18
VTRNA	1.08	3.02	61	0
TILLARI	0.25	5.20	62	0
BHTGR/VEER	0.00	0.65	0	0
BHIRA T.R.	0.24	6.04	80	0
RNGR+BHTSA	0.34	9.05	14	14
BHANDARDRA	0.13	5.22	40	0
ELDARY	0.00	3.22	0	0
SMLHY_PTN	0.93	26.04	39	38
GHATGHAR	1.29	33.23	250	0
Total	4.69	106.36		
Wind				
Total	5.92	155.65	0	0
Total	5.92	155.65		
CPP				
APML(Mus)	40.84	1218.24	0	0
JSWEL(Mus)	11.91	355.78	0	0
VIPL(Mus)	10.54	283.56	0	0
RPLAMT(Mus)	5.23	156.67	0	0
WPCL(Mus)	2.63	74.14	0	0
Other(Mus)	9.84	259.69	0	0
Total	81.00	2348.08		
SOLAR				
Total	1.41	33.64	0	0
Total	1.41	33.64		
Tata				
Trombay 5	10.11	120.01	499	315
Trombay 6	0.00	60.98	0	0
Trombay 7A	0.14	0.14	79	0
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.66	150.39	252	200
TATA Hydro	3.15	111.17	370	0
Total	19.05	442.68		
R-INFRA				
1-2	11.13	247.98	518	386
Total	11.13	247.98		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	126.31	3370.54
MSPGCL Thml+Gas	133.83	3593.03

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.32	245.33
MSPGCL Total	143.15	3838.36

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.89	114.21
State Total	261.51	7066.24

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Feb/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	5049	171	320	5540	489	3038	0	4653	5085	-751	13401	89	13490	1662	15152	49.99
2	5054	115	323	5492	375	3011	0	4693	4967	-627	13218	57	13275	1536	14811	50.01
3	5079	110	321	5510	384	3005	0	4750	5074	-552	13421	57	13478	1462	14940	50.00
4	5057	125	323	5505	434	3004	0	4668	4750	-517	13176	57	13233	1427	14660	50.03
5	5081	125	318	5524	370	3161	0	4690	5146	-532	13669	60	13729	1441	15170	50.00
6	5317	150	322	5789	268	3332	0	4881	5126	-488	14027	69	14096	1551	15647	49.93
7	5638	274	320	6232	201	3556	1	5024	5433	-498	14925	104	15029	1742	16771	49.97
8	5633	971	322	6926	141	3708	11	5388	5565	-607	15744	104	15848	1903	17751	49.99
9	5651	1064	315	7030	50	3698	73	5645	5958	-794	16015	99	16114	2163	18277	49.99
10	5670	992	315	6977	42	3671	132	5997	5776	-1000	15598	73	15671	2442	18113	50.02
11	5590	681	310	6581	63	3728	164	6251	6057	-1023	15570	60	15630	2660	18290	50.00
12	5514	465	307	6286	94	3653	213	6229	6540	-1100	15686	65	15751	2690	18441	50.00
13	5548	383	307	6238	141	3682	186	5904	6176	-1087	15336	132	15468	2653	18121	49.99
14	5543	255	307	6105	191	3587	191	5640	5588	-950	14712	72	14784	2511	17295	50.05
15	5565	173	300	6038	218	3525	165	5616	5468	-974	14440	64	14504	2505	17009	49.99
16	5455	333	303	6091	209	3469	146	5668	5909	-1011	14813	66	14879	2514	17393	50.00
17	5439	293	305	6037	190	3396	91	5312	5262	-994	13982	81	14063	2495	16558	49.99
18	5071	258	310	5639	244	3428	37	4459	4585	-1248	12685	82	12767	2453	15220	50.05
19	4929	345	309	5583	219	3315	1	4241	4437	-1175	12380	60	12440	2420	14860	49.97
20	4892	799	312	6003	225	3399	0	4922	4960	-1015	13572	64	13636	2515	16151	50.00
21	4910	454	311	5675	305	3484	0	4770	4783	-1047	13200	64	13264	2405	15669	50.04
22	4915	253	313	5481	360	3326	0	4472	4442	-1098	12511	65	12576	2233	14809	50.07
23	4852	213	313	5378	350	2984	0	4620	4768	-1047	12433	65	12498	2028	14526	49.96
24	4857	317	314	5488	352	2838	0	4758	5108	-991	12795	65	12860	1896	14756	49.99
MUs	126.31	9.32	7.52	143.15	5.91	81.00	1.41	123.25	126.96	-21.13	337.31	1.77	339.08	51.31	390.39	50.00

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/Feb/2015

Position as on 6.30 Hrs of 28/Feb/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)	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		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	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	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	
TPC-G	Trombay 7B	60	11/12/2014	20.39		Continued.	Rotor Fault	
TPC-G	Trombay 7A	120	11/12/2014	21.51	27/02/2015	17.58	Rotor Fault	
IPP	RPL(AMT) U-1	270	27/01/2015	21.55		Continued.	Coal Shortage	
IPP	JSW (J) U1	300	03/02/2015	14:20		Continued.	PA Fan problem	
IPP	JSW (J) U3	300	03/02/2015	21:27		Continued.	Due to Unavailability of Load.	
MSPGCL	Uran Unit B0	120	11/02/2015	23.27		Continued.	Gas shortage	
MSPGCL	Koyna Unit 9	80	16/02/2015	08.15		Continued.	Annual Maintenance Work	
TPC-G	Trombay 6	500	17/02/2015	21.50		Continued.	Economic shutdown	
CENT.SECTOR	TARAPUR 4	540	18/02/2015	06.54		Continued.	AVR Problem	
MSPGCL	Koyna STG- IV Unit - 1	250	20/02/2015	09.00		Continued.	Spherical valve servo motor maintance work	
IPP	WPCL U-3	135	21/02/2015	00.34		Continued.	ID Fan Problem	
MSPGCL	Uran Unit 8	108	25/02/2015	13.32		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 4	210	25/02/2015	23.12		Continued.	Water Wall Tube Leakage.	
IPP	Adani U-5	660	26/02/2015	10.08		Continued.	Feed Water Comman PRV Leakage.	
MSPGCL	Chandrapur Unit 5	500	26/02/2015	21.39		Continued.	BTL.	
MSPGCL	Parli Unit 5	210	27/02/2015	10.58		Continued.	Generator Protection operated	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Feb/2015

Position as on 6.30 Hrs of 28/Feb/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
TPC-G	Trombay 7A	120	27/02/2015	19.50		Continued.	Vibration Problem.	

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

Statement-VII

Position as on 6.30 Hrs of 28/Feb/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/Tripping							
Dabhol New koyna I	InterState	08/02/2015	18:18		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	13/02/2015	18:02		Continued.	T	Over Voltage
Kolhapur Mapusa II	InterState	26/02/2015	08.43		Continued.	PO	Insulator Replacement Work
Dhule Sar'Sarovar I	InterState	26/02/2015	18.19	27/02/2015	09.50	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	27/02/2015	17.49		Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
New Koyna -Koyna Stage IV-I	IntraState	26/02/2015	10.49		Continued.	PO	Shifted on TBC.
karad -kolhapur-II	IntraState	26/02/2015	16.32	27/02/2015	07.10	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	26/02/2015	16.36	27/02/2015	07.13	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/02/2015	17.03	27/02/2015	06.45	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	26/02/2015	20.19	27/02/2015	14.22	HT	Over Voltage
Akola - Bhusawal	IntraState	27/02/2015	14.28	27/02/2015	19.30	PO	Line Maintenance work
karad -kolhapur-I	IntraState	27/02/2015	16.06	28/02/2015	06.49	HT	Over Voltage
Karad-Jaigad - I	IntraState	27/02/2015	16.40		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	27/02/2015	20.00		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	27/02/2015	21.53	28/02/2015	06.37	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220 KV 500 MVA ICT- 2 @Warora	IntraState	16/02/2015	10:43		Continued.	HT	Attending CTR Fire System Nitrogen Leakage
400/220 KV 500 MVA ICT- 1 @Warora	IntraState	16/02/2015	18.56		Continued.	PO	Attending Oil Leakage
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	27/02/2015	13.08	27/02/2015	16.08	PO	Taken on TBC,Attending hot spot.
220 KV LINE Outages/Tripping							
Nasik Navsari I	InterState	26/02/2015	21.48	27/02/2015	07.22	HT	Over Voltage
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Butibori-Butibori Rly Tss	IntraState	18/02/2015	09:56		Continued.	PO	Erection of CB and CC, Dismantling of CB, Alignment of Line Isolator.
Magar Patta City- Serum	IntraState	23/02/2015	10.35		Continued.	HT	To control Lonikand ict loading
Kalwa Salsette 3	IntraState	24/02/2015	08.36		Continued.	PO	strengthening work
Pargaon(Kathapur)-Lonikand	IntraState	26/02/2015	17.46	27/02/2015	04.28	PO	Insulator Replacement Work
Bapgaon - Kalwa	IntraState	27/02/2015	09.51	27/02/2015	16.40	PO	Insulator Replacement Work
Uran - Apta 3	IntraState	27/02/2015	10.20	27/02/2015	17.13	PO	Insulator Replacement Work
Uran - Kharghar 1	IntraState	27/02/2015	11.36		Continued.	PO	Tower height rising work.
Trombay-Chembur Line 1	IntraState	27/02/2015	11.38	27/02/2015	15.25	PO	Distance Relay Testing Work
Dhule-Amalner(220kv)	IntraState	27/02/2015	13.56	27/02/2015	14.50	T	Bus Bar Protection Operated
Bhambori Amalner	IntraState	27/02/2015	13.56	27/02/2015	14.21	T	Bus Bar Protection Operated
Deepnagar Amalner	IntraState	27/02/2015	13.56	27/02/2015	14.30	T	Bus Bar Protection Operated
Dondaicha(220)-Amalner(220)	IntraState	27/02/2015	13.56	27/02/2015	14.37	T	Bus Bar Protection Operated
Trombay-Chembur Line 2	IntraState	27/02/2015	15.56	27/02/2015	16.56	PO	Testing of Distance Protection Relay and IR Value Measurment and R M Work
220 KV ICT Outages/Tripping							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/132 Kv 100 Mva Cgl Ict 1 @Amalner	IntraState	27/02/2015	13.56	27/02/2015	14.42	T	Bus Bar Protection Operated
220/132 Kv 100 Mva Cgl Ict 2 @Amalner	IntraState	27/02/2015	13.56	27/02/2015	14.38	T	Bus Bar Protection Operated

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