

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Mar/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.039	3510.007	1) Gujrat	-0.202	-80.757
2) Hydro	11.184	390.875	2) Madhya Pradesh	22.878	459.480
3) Gas	10.269	266.583	3) Chattisgarh	7.220	149.160
Total MSPGCL	146.492	4167.465	4) Maharashtra Net	91.879	2417.402
B) 1) APML	40.670	1365.040	5) Goa	-6.757	-193.377
2) JSWEL	16.202	430.688	6) TAPS 1&2 Injection	3.620	105.959
3) VIPL	11.895	300.005	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.350	150.460	8) Pench (MS)	0.000	2.647
5) WPCL	2.471	75.454	9) Pench (Excess)	0.000	-2.685
6) Other IPP	9.555	271.443	Total	118.638	2855.182
C) 1) TPCL Thermal	19.860	452.980	a) Mumbai Schedule	18.203	579.972
2) TPCL Hydro	1.195	81.415	b) Mumbai Drawl	17.791	603.639
3) TPCL Gas	4.249	102.266	c) MSEDCL Bilateral *	25.548	629.026
4) R-INFRA Thermal	11.750	321.822	Include PX	-0.009	-16.970
D) STATE			d) Mumbai Bilateral *	18.203	579.115
1) Thermal	242.792	6877.899	Include PX	0.771	17.672
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.858
2) Hydro	12.379	472.290	H) ENERGY CATERED (MUs)		
3) Gas	14.518	368.849	1) MSEDCL	340.686	9243.998
4) Wind	6.572	195.146	2) Mumbai Discoms	54.843	1562.102
6) SOLAR	0.632	34.107	TOTAL STATE	395.529	10806.100
TOTAL STATE	276.893	7948.291			

* 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	5354	5390	5105	4980
MSPGCL Hydro	899	958	769	255
MSPGCL Gas	420	416	429	428
MSPGCL Total Generation	6673	6764	6303	5663
Central Sector Receipt	5671	5450	4324	4579
WIND	58	30	358	540
CPP / IPP	3925	3801	3330	3334
SOLAR	117	121	0	0
Exchange with Mumbai	-753	-759	-825	-1097
MSEDCL DEMAND MET	15691	15407	13490	13019
Load Shedding	74	81	52	38
MSEDCL DEMAND	15765	15488	13542	13057
TPCL GENERATION	1138	1155	1133	1043
R-INFRA GENERATION	512	519	481	380
MUMBAI DEMAND	2403	2433	2439	2520
STATE DEMAND MET	18094	17840	15929	15539
STATE DEMAND	18168	17921	15981	15577
Frequency (Hz)	49.95	49.86	49.89	49.85

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 16.03 Hrs	49.61 Hz at 19.13 Hrs	49.97	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 29/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	3.76	110.94	170	145
Total	3.76	178.36		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.06	102.25	180	160
Unit 4	10.88	253.39	510	365
Unit 5	10.93	210.50	500	370
Total	25.88	566.14		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	2.93	92.22	143	100
Unit 5	3.56	76.78	155	140
Unit 6	4.82	134.91	250	185
Unit 7	4.91	122.56	221	198
Total	16.22	426.46		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.23	94.95	140	131
Unit 3	4.50	125.69	198	166
Unit 4	4.50	106.62	195	165
Unit 5	10.12	242.87	440	365
Unit 6	9.72	224.87	426	370
Unit 7	9.59	264.18	410	370
Total	41.66	1059.19		
Paras				
Unit 3	0.00	119.98	0	0
Unit 4	0.00	18.35	0	0
Total	0.00	138.33		
Khaparkheda				
Unit 1	4.12	117.63	195	130
Unit 2	3.54	110.14	170	120
Unit 3	4.30	115.27	188	155
Unit 4	4.57	122.70	196	163
Unit 5	11.97	302.30	505	424
Total	28.50	768.05		
Nasik				
Unit 3	4.57	127.87	200	180
Unit 4	4.46	127.16	200	170
Unit 5	0.00	118.44	0	0
Total	9.03	373.48		
Uran				
All Units	10.27	266.58	437	416
Total	10.27	266.58		
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	3.20	116.84	365	40
Stage 4	1.17	105.90	480	0
Stage 3	0.94	48.85	160	0
Total	5.30	271.60		
Hydro				
KDPH	0.42	7.27	19	0
VTRNA	1.22	29.28	61	0
TILLARI	0.36	8.33	64	0
BHTGR/VEER	0.06	1.20	3	2
BHIRA T.R.	0.16	4.23	40	0
RNGR+BHTSA	0.28	8.62	12	11
BHANDARDRA	0.55	10.37	43	11
ELDARY	0.39	2.86	17	15
SMLHY_PTN	0.60	19.66	26	25
GHATGHAR	1.82	27.47	250	0
Total	5.88	119.28		
Wind				
Total	6.57	195.15	0	0
Total	6.57	195.15		
CPP				
APML(Mus)	40.67	1365.04	0	0
JSWEL(Mus)	16.20	430.69	0	0
VIPL(Mus)	11.90	300.00	0	0
RPLAMT(Mus)	5.35	150.46	0	0
WPCL(Mus)	2.47	75.45	0	0
Other(Mus)	9.56	271.44	0	0
Total	86.14	2593.09		
SOLAR				
Total	0.63	34.11	0	0
Total	0.63	34.11		
Tata				
Trombay 5	10.66	262.28	492	316
Trombay 6	3.50	31.36	147	145
Trombay 7A	2.67	62.24	115	79
Trombay 7B	1.58	40.02	68	56
Trombay 8	5.70	159.35	250	200
TATA Hydro	1.20	81.42	163	0
Total	25.30	636.66		
R-INFRA				
1-2	11.75	321.82	520	380
Total	11.75	321.82		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	125.04	3510.01
MSPGCL Thml+Gas	135.31	3776.59

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	11.18	390.88
MSPGCL Total	146.49	4167.46

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.36	222.74
State Total	276.89	7948.29

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	5295	227	432	5954	263	3568	0	5160	5270	-998	14057	57	14114	2453	16567	49.88
2	5323	220	432	5975	275	3563	0	5082	5086	-798	14101	47	14148	2278	16426	49.93
3	5234	230	432	5896	342	3604	0	4914	4656	-645	13853	51	13904	2136	16040	49.98
4	5007	199	432	5638	354	3666	0	4746	4669	-579	13748	51	13799	2041	15840	49.92
5	5034	193	432	5659	453	3717	0	4743	4592	-550	13871	53	13924	1996	15920	49.97
6	5043	198	433	5674	333	3618	0	4998	4964	-497	14092	70	14162	2004	16166	49.97
7	5273	217	437	5927	291	3785	0	5022	5150	-421	14732	110	14842	2001	16843	50.10
8	5320	166	437	5923	255	3793	8	5006	5291	-390	14880	110	14990	1973	16963	50.04
9	5355	278	432	6065	302	3765	26	5010	5288	-474	14972	99	15071	2055	17126	50.07
10	5347	624	428	6399	97	3784	47	5119	5357	-599	15085	70	15155	2189	17344	50.01
11	5325	593	424	6342	109	3861	73	5263	5704	-692	15397	61	15458	2333	17791	49.94
12	5354	899	420	6673	58	3925	117	5375	5671	-753	15691	74	15765	2403	18168	49.95
13	5390	958	416	6764	30	3801	121	5268	5450	-759	15407	81	15488	2433	17921	49.86
14	5424	799	420	6643	72	3797	85	5064	5345	-789	15153	65	15218	2448	17666	49.97
15	5411	1034	422	6867	174	3493	71	5008	5519	-807	15317	110	15427	2449	17876	49.99
16	5395	1103	424	6922	146	3426	44	4966	5401	-739	15200	134	15334	2393	17727	50.06
17	5352	695	425	6472	189	3438	27	4697	4839	-662	14303	92	14395	2316	16711	50.07
18	5146	207	424	5777	245	3361	11	4355	4025	-694	12725	69	12794	2236	15030	50.07
19	4903	404	428	5735	309	3323	2	4051	3993	-920	12442	59	12501	2238	14739	49.92
20	5105	769	429	6303	358	3330	0	4441	4324	-825	13490	52	13542	2439	15981	49.89
21	5171	258	428	5857	416	3379	0	4456	4297	-928	13021	41	13062	2484	15546	49.98
22	5066	207	426	5699	474	3416	0	4359	4259	-1152	12696	38	12734	2505	15239	49.97
23	4980	255	428	5663	540	3334	0	4425	4579	-1097	13019	38	13057	2520	15577	49.85
24	4787	451	428	5666	487	3396	0	4514	4910	-1023	13436	38	13474	2522	15996	49.94
MUs	125.04	11.18	10.27	146.49	6.57	86.14	0.63	116.04	118.64	-17.79	340.69	1.67	342.36	54.84	397.20	49.97

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 29/Mar/2015

Position as on 6.30 Hrs of 30/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								
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	
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	
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	Paras Unit 3	250	27/03/2015	05.45	30/03/2015	01:45	Boiler Tube Leakage	
MSPGCL	Nasik Unit 5	210	28/03/2015	22.55		Continued.	BTL.	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	05.12	29/03/2015	17.16	Low furnace pressure	
IPP	RPL(AMT) U-3	270	29/03/2015	12.10	29/03/2015	12.57	Condenser problem	
MSPGCL	Koradi Unit-8	660	29/03/2015	14.04	29/03/2015	19.53	Tripped due to Occurrence at 400kv Akola s/s	
IPP	RPL(AMT) U-5	270	29/03/2015	14.04		Continued.	Tripped due to occurrence at 400kV Akola s/s	
IPP	RPL(AMT) U-3	270	29/03/2015	14.04	29/03/2015	20.40	Tripped due to occurrence at 400kV Akola s/s	
IPP	RPL(AMT) U-2	270	29/03/2015	14:04	30/03/2015	02.11	Due to Occarance at Akola s/stn	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Mar/2015

Position as on 6.30 Hrs of 30/Mar/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit-8	660	29/03/2015	23.15	30/03/2015	03.18	Tripped	
IPP	RPL(AMT) U-3	270	30/03/2015	02.59	30/03/2015	07.03	Station board supply failed	
IPP	RPL(AMT) U-2	270	30/03/2015	03:04	30/03/2015	04:55	Station Board Supply Failed.	
MSPGCL	Koradi Unit-8	660	30/03/2015	05.00	30/03/2015	08.02	Tripped	
IPP	RPL(AMT) U-3	270	30/03/2015	08.17		Continued.	Generator protection	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 30/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Wardha(PG)-Aurangabad(PG) I	InterState	28/03/2015	12.00		Continued.	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
Wardha(PG)-Aurangabad(PG)- II	InterState	28/03/2015	12.37		Continued.	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
765 KV ICT Outages/Trippings							
765/400kv 1500MVA ICT @ Akola-II	IntraState	29/03/2015	14:04	29/03/2015	15:06	T	Tripped
400 KV LINE Outages/Trippings							
Kolhapur Mapusa I	InterState	27/03/2015	16.35		Continued.	PO	To Attend Hot Spot on PG @ Kolhapur End.
Dhule Sar'Sarovar II	InterState	28/03/2015	18.34	29/03/2015	08:20	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	29/03/2015	14:05	29/03/2015	16:04	T	Tripped
Akola Aurangabad(PG) I	InterState	29/03/2015	14:05	29/03/2015	15:30	T	Tripped
Akola Wardha li	InterState	29/03/2015	14:05	29/03/2015	15:47	T	Tripped
Akola Wardha I	InterState	29/03/2015	14:05	29/03/2015	15:03	T	Tripped
Dhule Sar'Sarovar II	InterState	29/03/2015	17:18		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/03/2015	15.25	29/03/2015	06.50	T	Distance Protection
karad -kolhapur-I	IntraState	28/03/2015	16.20	29/03/2015	06.46	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/03/2015	18.05	29/03/2015	06.43	HT	Over Voltage
Koradi-India Bulls	IntraState	29/03/2015	14:04	29/03/2015	14:42	T	Tripped
Akola-Indiabulls	IntraState	29/03/2015	14:04	29/03/2015	14:42	T	Tripped
Akola - Bhusawal	IntraState	29/03/2015	14:04	29/03/2015	15:36	T	Tripped
Akola II - Taptitanda	IntraState	29/03/2015	14:04	29/03/2015	16:04	T	Tripped
Akola II - Akola I Ckt-I	IntraState	29/03/2015	14:04	29/03/2015	15:11	T	Tripped
Akola II - Akola I Ckt-II	IntraState	29/03/2015	14:04	29/03/2015	15:19	T	Tripped
Jaigad-Karad Ckt-II	IntraState	29/03/2015	15:25	29/03/2015	06:50	T	Distance Protection
karad -kolhapur-II	IntraState	29/03/2015	16:36		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	29/03/2015	16:40		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	29/03/2015	17:35	29/03/2015	21:16	T	Distance Protection
Bhusawal-Aurangabad	IntraState	29/03/2015	18:09		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/03/2015	18:11	30/03/2015	06:26	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 Mva Ict-2 @Kalwa	IntraState	29/03/2015	06:58	29/03/2015	22:16	PO	Replacement of NDR Relay, CT.22KV PT.
400/220/33 Kv 315 Mva ICT I @Akola	IntraState	29/03/2015	14:04	29/03/2015	15:49	T	Tripped
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
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)
Trombay - Kalwa	IntraState	19/03/2015	14.27		Continued.	PO	Pannel Replacemen Work(Outage for 8 Days).
Main Bus -II @ Boisar	IntraState	28/03/2015	10.50	29/03/2015	13.27	PO	Isolator Maintenance 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 29/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 30/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bhosari 2 - Telco	IntraState	29/03/2015	00:05	29/03/2015	04:54	PO	CC Replacement Work.
Vita - Mhaishal	IntraState	29/03/2015	02:16	29/03/2015	11:20	T	R Ph CC Burst at Vita.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault