

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.931	2859.069	1) Gujrat	-3.915	-133.147
2) Hydro	18.479	306.802	2) Madhya Pradesh	15.485	391.590
3) Gas	10.110	275.019	3) Chattisgarh	7.110	206.370
Total MSPGCL	138.520	3440.890	4) Maharashtra Net	97.453	2742.197
B) 1) APLM	50.522	1642.680	5) Goa (Amona)	-0.670	-14.280
2) JSWEL	21.082	684.624	6) TAPS 1&2 Injection	3.581	93.667
3) VIPL	14.246	343.862	7) RGPPL Injection	11.823	314.501
4) RPL(AMT)	18.770	432.843	8) Pench (MS)	0.111	3.263
5) WPCL	4.642	121.948	9) Pench (Excess)	-0.111	-3.263
6) Other IPP	5.469	187.489	Total	130.756	3597.635
C) 1) TPCL Thermal	16.360	425.430	a) Mumbai Schedule	24.891	728.508
2) TPCL Hydro	4.726	85.842	b) Mumbai Drawl	26.546	829.710
3) TPCL Gas	4.306	109.093	c) MSEDCL Bilateral *	32.822	856.509
4) R-INFRA Thermal	11.881	163.103	Include PX	-0.005	-69.395
D) STATE			d) Mumbai Bilateral *	24.891	727.958
1) Thermal	252.903	6861.048	Include PX	1.899	165.477
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.550
2) Hydro	23.205	392.644	H) ENERGY CATERED (MUs)		
3) Gas	14.416	384.112	1) MSEDCL	370.724	10025.012
4) Wind	11.980	366.656	2) Mumbai Discoms	63.819	1613.188
6) SOLAR	1.283	36.095	TOTAL STATE	434.543	11638.200
TOTAL STATE	303.787	8040.555			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 6 Hrs
MSPGCL Thermal	4637	4590	4553	4554
MSPGCL Hydro	1686	1769	1113	146
MSPGCL Gas	422	405	415	440
MSPGCL Total Generation	6745	6764	6081	5140
Central Sector Receipt	5755	5807	5365	4835
WIND	276	263	780	735
CPP / IPP	4892	4845	4848	4585
SOLAR	159	145	0	0
Exchange with Mumbai	-1302	-1422	-1254	-630
MSEDCL DEMAND MET	16525	16402	15820	14665
Load Shedding	0	0	0	0
MSEDCL DEMAND	16525	16402	15820	14665
TPCL GENERATION	1313	1283	1111	874
R-INFRA GENERATION	482	486	509	491
MUMBAI DEMAND	3097	3191	2874	1995
STATE DEMAND MET	19622	19593	18694	16660
STATE DEMAND	19622	19593	18694	16660
Frequency (Hz)	49.94	49.86	49.91	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18:00 Hrs	49.7 Hz at 01:49 Hrs	49.91	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/Apr/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	0.00	0	0
Unit 8	0.00	62.60	0	0
Total	0.00	62.60		
Bhusawal				
Unit 2	3.60	99.28	160	145
Unit 3	0.00	84.43	0	0
Unit 4	12.05	281.87	505	500
Unit 5	11.22	281.56	500	430
Total	26.86	747.14		
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	0.00	0.00	0	0
Unit 3	4.75	122.10	200	193
Unit 4	4.42	99.32	191	180
Unit 5	10.18	271.95	435	410
Unit 6	11.02	104.45	472	445
Unit 7	9.71	249.72	440	366
Total	40.08	847.55		
Paras				
Unit 3	5.62	151.34	260	150
Unit 4	6.10	146.28	260	250
Total	11.72	297.61		
Khaparkheda				
Unit 1	4.06	108.42	175	155
Unit 2	4.07	97.97	180	160
Unit 3	4.67	118.50	210	185
Unit 4	4.82	119.00	210	185
Unit 5	0.00	139.56	0	0
Total	17.62	583.44		
Nasik				
Unit 3	4.62	111.08	205	165
Unit 4	4.50	116.56	198	164
Unit 5	4.54	93.09	202	162
Total	13.66	320.72		
Uran				
All Units	10.11	275.02	453	390
Total	10.11	275.02		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.11	3.26	40	0
Total	0.11	3.26		
Koyna				
Stage 1-2	5.03	111.21	530	40
Stage 4	8.29	70.15	1006	0
Stage 3	2.92	41.69	160	0
Total	16.23	223.05		
Hydro				
KDPH	0.64	17.62	27	26
VTRNA	0.34	13.10	61	0
TILLARI	0.24	6.38	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	4.96	40	0
RNGR+BHTSA	0.00	5.27	0	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.08	16.59	4	3
GHATGHAR	0.63	18.57	125	0
Total	2.25	83.75		
Wind				
Total	11.98	366.66	0	0
Total	11.98	366.66		
CPP				
APML(Mus)	50.52	1642.68	0	0
JSWEL(Mus)	21.08	684.62	0	0
VIPL(Mus)	14.25	343.86	0	0
RPLAMT(Mus)	18.77	432.84	0	0
WPCL(Mus)	4.64	121.95	0	0
Other(Mus)	5.47	187.49	0	0
Total	114.73	3413.45		
SOLAR				
Total	1.28	36.10	0	0
Total	1.28	36.10		
Tata				
Trombay 5	10.41	271.72	463	387
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.75	68.64	116	109
Trombay 7B	1.56	40.45	66	63
Trombay 8	5.95	153.65	250	246
TATA Hydro	4.73	85.84	447	8
Total	25.39	620.36		
R-INFRA				
1-2	11.88	163.10	511	480
Total	11.88	163.10		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 8	0.00	0.00
Chandrapur 9	0.00	0.00
Koradi 9	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	109.93	2859.07
MSPGCL Thml+Gas	120.04	3134.09
MSPGCL Hydro	18.48	306.80

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	138.52	3440.89
Koyna 1,2 & 4 Total	13.32	181.36
State Total	303.79	8040.56

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 27/Apr/2016

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4569	741	438	5748	765	4774	0	5300	5311	-1051	15547	0	15547	2443	17990	49.81
2	4616	438	430	5484	698	4764	0	5160	5071	-876	15141	0	15141	2225	17366	49.84
3	4559	70	442	5071	739	4707	0	5151	5003	-729	14791	0	14791	2079	16870	49.92
4	4532	70	432	5034	729	4544	0	5152	5163	-644	14826	0	14826	1993	16819	49.86
5	4518	81	453	5052	688	4535	0	5151	5239	-614	14900	0	14900	1943	16843	49.83
6	4554	146	440	5140	735	4585	0	5173	4835	-630	14665	0	14665	1995	16660	49.93
7	4545	91	450	5086	805	4739	2	5249	5512	-657	15487	0	15487	2029	17516	49.99
8	4602	216	431	5249	505	4785	38	5323	5406	-775	15208	0	15208	2151	17359	49.96
9	4604	506	433	5543	469	4748	86	5495	5768	-957	15657	0	15657	2384	18041	49.92
10	4596	998	410	6004	414	4766	140	5617	5840	-1155	16009	0	16009	2812	18821	49.88
11	4637	1686	422	6745	276	4892	159	5567	5755	-1302	16525	0	16525	3097	19622	49.94
12	4602	1605	405	6612	173	4883	170	5867	5955	-1340	16453	0	16453	3122	19575	49.88
13	4585	1515	396	6496	118	4839	184	5652	5742	-1384	15995	0	15995	3153	19148	49.93
14	4573	1492	405	6470	142	4828	162	5573	5356	-1398	15560	0	15560	3163	18723	49.91
15	4590	1769	405	6764	263	4845	145	5583	5807	-1422	16402	0	16402	3191	19593	49.86
16	4577	1760	390	6727	330	4853	104	5617	5784	-1397	16401	0	16401	3192	19593	49.91
17	4612	1430	408	6450	383	4847	60	5518	5747	-1379	16108	0	16108	3190	19298	49.95
18	4564	562	412	5538	454	4828	31	5394	5230	-1371	14710	0	14710	3034	17744	49.98
19	4446	329	412	5187	536	4754	2	5303	5834	-1334	14979	0	14979	2930	17909	50.01
20	4553	1113	415	6081	780	4848	0	5299	5365	-1254	15820	0	15820	2874	18694	49.91
21	4629	706	405	5740	662	4850	0	5261	5164	-1197	15219	0	15219	2798	18017	49.97
22	4612	252	418	5282	575	4856	0	5179	5147	-1251	14609	0	14609	2713	17322	49.95
23	4635	235	419	5289	420	4832	0	5164	5456	-1220	14777	0	14777	2647	17424	49.87
24	4621	668	439	5728	321	4827	0	4852	5266	-1209	14933	0	14933	2661	17594	49.91
MUs	109.93	18.48	10.11	138.52	11.98	114.73	1.28	128.60	130.76	-26.55	370.72	0.00	370.72	63.82	434.54	49.91

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/Apr/2016

Position as on 6.30 Hrs of 28/Apr/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 synchronised 07.04.2016 (12.03hrs To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		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	
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	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
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	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	20/04/2016	17.14		Continued.	Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	20/04/2016	20.50		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Koradi Unit-8	660	23/04/2016	02.38		Continued.	ESP And CW Pump Work.	
MSPGCL	Uran Unit 7	108	23/04/2016	15.11		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	24/04/2016	11.13		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	26/04/2016	04.06		Continued.	Furnace Pressure High	
RGPPL	Dabhol 2B	230	26/04/2016	13.12		Continued.	P.M.WORK	

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

Statement-VII

Position as on 6.30 Hrs of 28/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	27/04/2016	00.27	27/04/2016	01.31	PO	Replacement of Faultyn MCCB at Padghe End.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	26/04/2016	18.05	27/04/2016	10.00	HT	Over Voltage
Dabhol New koyna I	InterState	27/04/2016	01.39	27/04/2016	12.20	T	Distance Protection
Dabhol Newkoyna li	InterState	27/04/2016	02.28	27/04/2016	19.25	T	Distance Protection
Kolhapur Solapur(PG) I	InterState	27/04/2016	09.58	27/04/2016	17.54	PO	To Take on TBC @ Kolhapur End.
Dhule Sar'Sarovar I	InterState	27/04/2016	18.02		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11		Continued.	HT	Hand Tripped
karad -kolhapur-I	IntraState	26/04/2016	16.07	27/04/2016	08.43	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/04/2016	18.03	27/04/2016	07.24	HT	Over Voltage
Karad-Jaigad - I	IntraState	26/04/2016	20.15	27/04/2016	02.49	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/04/2016	02.34	27/04/2016	07.12	T	Distance Protection
Karad-Jaigad - I	IntraState	27/04/2016	09.00		Continued.	PO	Cold Washing & Line Maint.Work
TBC @ Dhule	IntraState	27/04/2016	11.15	27/04/2016	12.15	PO	Testing Work
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantalling of Conductor Reorintation.
Bhusawal-Aurangabad	IntraState	27/04/2016	17.07		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-I @Nanded	IntraState	27/04/2016	17.25	27/04/2016	20.33	T	Y Ph PRV Operated LV Charge @ 20.42 Hrs.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
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.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshtar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshtar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Pedambe-Nerle	IntraState	11/04/2016	13.10		Continued.	PO	CT Oil Leakage
Niwali - Pawas Line	IntraState	27/04/2016	05.27	27/04/2016	05.54	T	Distance Protection
Paranda-Barshi	IntraState	27/04/2016	08.47	27/04/2016	13.40	PO	Bus Outage @ Barshi Also Line Clearance Work.
Osmanabad - Barshi	IntraState	27/04/2016	08.47	27/04/2016	13.40	PO	Bus Outage @ Barshi Also Line Clearance Work.
Kharepatan -Pawas Line	IntraState	27/04/2016	09.00	27/04/2016	18.10	PO	Insulator Washing Work.
Butibori-Inox	IntraState	27/04/2016	09.16	27/04/2016	11.45	PO	Attend Hot Spot on B PH CT P1 Stud.
Karad -Mudshingi Ckt- IV	IntraState	27/04/2016	09.58	27/04/2016	17.54	PO	Routine Maintenance Work
Virur - Gadchiroli	IntraState	27/04/2016	10.07	27/04/2016	12.58	PO	Disc Insulator Replacement Work.
Bableshtar- Bableshtar-II	IntraState	27/04/2016	12.40	27/04/2016	13.33	T	Distance Protection
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	27/04/2016	16.46	27/04/2016	20.16	T	Distance Protection
Harangul-Parly	IntraState	27/04/2016	17.38	27/04/2016	22.22	T	Unbalanced Current I R Ph,R Ph Wave Trap Jumper Opened @ Parly End.

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/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 28/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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							
Parli 2(Girwali) -Gangakhed	IntraState	27/04/2016	17.10	27/04/2016	17.49	T	Distance Protection
Gangakhed - Kandhar	IntraState	27/04/2016	17.16	27/04/2016	17.54	T	Distance Protection
Narsi - Degloor	IntraState	27/04/2016	18.50	27/04/2016	20.46	T	Distance Protection