

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Apr/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.347	2967.416	1) Gujrat	-2.661	-135.808
2) Hydro	21.478	328.280	2) Madhya Pradesh	14.658	406.248
3) Gas	10.170	285.189	3) Chattisgarh	7.130	213.500
Total MSPGCL	139.995	3580.885	4) Maharashtra Net	96.652	2838.849
B) 1) APLM	49.986	1692.666	5) Goa (Amona)	-0.450	-14.730
2) JSWEL	20.912	705.536	6) TAPS 1&2 Injection	3.574	97.241
3) VIPL	14.264	358.126	7) RGPPL Injection	11.682	326.183
4) RPL(AMT)	19.211	452.054	8) Pench (MS)	0.117	3.380
5) WPCL	4.534	126.482	9) Pench (Excess)	-0.117	-3.380
6) Other IPP	5.312	192.801	Total	130.468	3728.103
C) 1) TPCL Thermal	16.476	441.906	a) Mumbai Schedule	25.661	754.169
2) TPCL Hydro	4.470	90.312	b) Mumbai Drawl	27.931	857.641
3) TPCL Gas	4.338	113.431	c) MSEDCL Bilateral *	31.975	888.484
4) R-INFRA Thermal	12.242	175.345	Include PX	-1.167	-70.561
D) STATE			d) Mumbai Bilateral *	25.661	753.619
1) Thermal	251.284	7112.332	Include PX	2.312	167.789
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.550
2) Hydro	25.948	418.592	H) ENERGY CATERED (MUs)		
3) Gas	14.508	398.620	1) MSEDCL	368.913	10393.925
4) Wind	10.870	377.526	2) Mumbai Discoms	65.457	1678.645
6) SOLAR	1.292	37.387	TOTAL STATE	434.370	12072.570
TOTAL STATE	303.902	8344.457			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4632	4538	4481	4619
MSPGCL Hydro	1615	1528	472	181
MSPGCL Gas	408	400	420	435
MSPGCL Total Generation	6655	6466	5373	5235
Central Sector Receipt	5937	5862	5466	4503
WIND	42	320	966	648
CPP / IPP	4824	4827	4783	4713
SOLAR	164	114	0	0
Exchange with Mumbai	-1347	-1458	-1335	-704
MSEDCL DEMAND MET	16275	16131	15253	14395
Load Shedding	0	0	0	0
MSEDCL DEMAND	16275	16131	15253	14395
TPCL GENERATION	1328	1306	1097	861
R-INFRA GENERATION	502	500	514	511
MUMBAI DEMAND	3177	3264	2946	2076
STATE DEMAND MET	19452	19395	18199	16471
STATE DEMAND	19452	19395	18199	16471
Frequency (Hz)	49.96	49.87	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18:01 Hrs	49.68 Hz at 15:24 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 28/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	3.56	102.84	155	135
Unit 3	0.00	84.43	0	0
Unit 4	12.00	293.87	500	500
Unit 5	12.00	293.56	510	470
Total	27.56	774.70		
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	4.76	126.86	203	190
Unit 4	4.46	103.78	190	170
Unit 5	9.88	281.83	435	389
Unit 6	10.81	115.26	480	385
Unit 7	8.40	258.13	429	0
Total	38.31	885.86		
Paras				
Unit 3	5.68	157.02	250	223
Unit 4	5.82	152.10	255	224
Total	11.50	309.11		
Khaparkheda				
Unit 1	3.99	112.40	175	150
Unit 2	4.14	102.10	180	150
Unit 3	4.73	123.23	208	167
Unit 4	4.31	123.31	189	163
Unit 5	0.00	139.56	0	0
Total	17.16	600.61		
Nasik				
Unit 3	4.68	115.75	205	165
Unit 4	4.55	121.11	196	168
Unit 5	4.59	97.68	201	165
Total	13.81	334.53		
Uran				
All Units	10.17	285.19	451	400
Total	10.17	285.19		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.12	3.38	42	0
Total	0.12	3.38		
Koyna				
Stage 1-2	6.14	117.34	525	45
Stage 4	9.19	79.34	882	0
Stage 3	3.23	44.92	160	0
Total	18.55	241.60		
Hydro				
KDPH	0.56	18.19	27	13
VTRNA	0.76	13.86	61	0
TILLARI	0.30	6.68	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	5.28	40	0
RNGR+BHTSA	0.22	5.49	9	9
BHANDARDRA	0.10	0.67	32	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.28	16.87	12	11
GHATGHAR	0.40	18.96	158	0
Total	2.93	86.68		
Wind				
Total	10.87	377.53	0	0
Total	10.87	377.53		
CPP				
APML(Mus)	49.99	1692.67	0	0
JSWEL(Mus)	20.91	705.54	0	0
VIPL(Mus)	14.26	358.13	0	0
RPLAMT(Mus)	19.21	452.05	0	0
WPCL(Mus)	4.53	126.48	0	0
Other(Mus)	5.31	192.80	0	0
Total	114.22	3527.66		
SOLAR				
Total	1.29	37.39	0	0
Total	1.29	37.39		
Tata				
Trombay 5	10.57	282.29	466	396
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.78	71.42	118	100
Trombay 7B	1.56	42.01	66	61
Trombay 8	5.91	159.56	249	244
TATA Hydro	4.47	90.31	459	15
Total	25.28	645.65		
R-INFRA				
1-2	12.24	175.34	515	500
Total	12.24	175.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	108.35	2967.42	MSPGCL Total	140.00	3580.88
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	118.52	3252.60	Koyna 1,2 & 4 Total	15.32	196.68
Koradi 9	0.00	0.00	MSPGCL Hydro	21.48	328.28	State Total	303.90	8344.46
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Apr/2016

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	4634	1124	426	6184	332	4716	0	5139	5505	-1245	15492	0	15492	2607	18099	49.98
2	4615	904	426	5945	475	4718	0	4947	5132	-1006	15264	0	15264	2364	17628	49.99
3	4617	382	437	5436	663	4692	0	4956	4893	-855	14829	0	14829	2190	17019	50.04
4	4619	181	435	5235	648	4713	0	4984	4503	-704	14395	0	14395	2076	16471	49.98
5	4616	158	425	5199	588	4714	0	4786	5036	-647	14890	0	14890	2021	16911	49.98
6	4559	343	429	5331	545	4690	0	4797	5243	-676	15133	0	15133	2054	17187	49.97
7	4607	550	439	5596	425	4711	4	4937	5028	-667	15097	0	15097	2055	17152	49.98
8	4628	577	430	5635	301	4728	33	5059	5233	-730	15200	0	15200	2135	17335	49.99
9	4655	593	435	5683	308	4711	86	5294	5526	-1056	15258	0	15258	2478	17736	49.98
10	4660	1181	417	6258	248	4706	123	5470	5641	-1210	15766	0	15766	2844	18610	49.97
11	4671	1515	414	6600	119	4834	166	5581	5582	-1287	16014	0	16014	3079	19093	49.97
12	4632	1615	408	6655	42	4824	164	5879	5937	-1347	16275	0	16275	3177	19452	49.96
13	4619	1258	411	6288	34	4795	175	5941	6069	-1454	15907	0	15907	3236	19143	49.92
14	4562	1196	413	6171	135	4792	166	5768	5742	-1392	15614	0	15614	3190	18804	49.96
15	4529	1283	410	6222	241	4762	158	5858	6001	-1463	15921	0	15921	3259	19180	49.86
16	4538	1528	400	6466	320	4827	114	5893	5862	-1458	16131	0	16131	3264	19395	49.87
17	4558	1523	419	6500	412	4825	76	5373	4923	-1455	15281	469	15750	3253	19003	49.99
18	4512	685	417	5614	531	4751	24	5271	5389	-1471	14838	0	14838	3101	17939	50.00
19	4508	412	418	5338	710	4557	3	5197	5529	-1329	14808	0	14808	2941	17749	50.04
20	4481	472	420	5373	966	4783	0	5529	5466	-1335	15253	0	15253	2946	18199	49.99
21	4219	687	432	5338	930	4808	0	5498	5439	-1270	15245	0	15245	2857	18102	49.99
22	4176	784	423	5383	736	4843	0	5465	5469	-1269	15162	0	15162	2762	17924	49.97
23	4088	1265	435	5788	629	4845	0	5485	5455	-1323	15394	0	15394	2778	18172	49.87
24	4044	1262	451	5757	532	4874	0	5298	5865	-1282	15746	0	15746	2790	18536	49.92
MUs	108.35	21.48	10.17	140.00	10.87	114.22	1.29	128.40	130.47	-27.93	368.91	0.47	369.38	65.46	434.84	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 28/Apr/2016

Position as on 6.30 Hrs of 29/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	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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	
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	
RGPL	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	Koyana 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.	
IPP	JSW (J) U1	300	22/04/2016	09.43		Continued.	Air Pre Heater Problem.	
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	29/04/2016	06.20	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	26/04/2016	04.06		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Apr/2016

Position as on 6.30 Hrs of 29/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
RGPPL	Dabhol 2B	230	26/04/2016	13.12		Continued.	P.M.WORK	
MSPGCL	Chandrapur Unit 7	500	28/04/2016	20.36		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 29/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	28/04/2016	15.57	28/04/2016	17.56	T	Aux.Supply Failed @ Padgha End,220KV Bus Bar Prot.Operated.
Chandrapur - Padghe Hvdc Pole 1	IntraState	28/04/2016	16.00	28/04/2016	17.57	T	Aux.Supply Failed @ Padgha End,220KV Bus Bar Prot.Operated.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	27/04/2016	18.02		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	29/04/2016	04.08		Continued.	T	Distance Protection
Dabhol New koyna I	InterState	29/04/2016	06.15		Continued.	T	Distance Protection
Dabhol Newkoyna li	InterState	29/04/2016	06.27		Continued.	T	Distance Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11		Continued.	HT	Hand Tripped
Karad-Jaigad - I	IntraState	27/04/2016	09.00		Continued.	PO	Cold Washing & Line Maint.Work
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantalling of Conductor Reorintetion.
Bhusawal-Aurangabad	IntraState	27/04/2016	17.07		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/04/2016	08.29	29/04/2016	06.22	PO	Line Maintenance Work,RFC @ 1839 Hrs.
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT-III@Padgha	IntraState	28/04/2016	15.57	28/04/2016	16.36	T	50 MVA 220/22KV T/F Y Phase Stub Bus Insulator String Decapped.
400/220 Kv 315 Mva ICT -I @Padghe	IntraState	28/04/2016	15.57	28/04/2016	16.32	T	50 MVA 220/22KV T/F Y Phase Stub Bus Insulator String Decapped.
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
220KV Chalisagaon-Kopergaon	IntraState	28/04/2016	06.56	28/04/2016	14.57	T	Tripped.
Nadgaonpeth-Amravati	IntraState	28/04/2016	09.01	28/04/2016	18.32	PO	For Tree Cutting Work.
Purti-Bhugaon	IntraState	28/04/2016	09.11	28/04/2016	12.00	PO	Attending Hot Spot by Replacement of Y Ph CT Clamp Towards Line Side.
Badnera - Nandgaonpeth	IntraState	28/04/2016	09.43	28/04/2016	18.27	PO	For Tree Cutting Work.
Flagship-Nandedcity	IntraState	28/04/2016	09.51	28/04/2016	17.49	PO	Half yearly maintenance work
Pedhambe - Oni	IntraState	28/04/2016	10.35	28/04/2016	18.25	PO	Half yearly maintenance work
Shivajinagar - Satana	IntraState	28/04/2016	12.00	28/04/2016	21.25	T	Distance Protection
Dhamangaon New- Tss-II	IntraState	28/04/2016	12.06	28/04/2016	15.22	PO	Replacement of ABT Meter @ TSS End.
Padghe - Nalasopara	IntraState	28/04/2016	15.57	28/04/2016	16.36	T	50 MVA 220/22KV T/F Y Phase Stub Bus Insulator String Decapped.
Padghe - Wada	IntraState	28/04/2016	15.57	28/04/2016	16.40	T	50 MVA 220/22KV T/F Y Phase

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 28/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 29/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Stub Bus Insulator String Decapped.
Eklahare (Ocr)Nasik - Padghe 2	IntraState	28/04/2016	15.57	28/04/2016	16.43	T	50 MVA 220/22KV T/F Y Phase Stub Bus Insulator String Decapped.
Padgha-Temghar-II	IntraState	28/04/2016	15.57	28/04/2016	16.41	T	50 MVA 220/22KV T/F Y Phase Stub Bus Insulator String Decapped.
Padghe - Jambhul 2	IntraState	28/04/2016	15.57	28/04/2016	16.42	T	50 MVA 220/22KV T/F Y Phase Stub Bus Insulator String Decapped.
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)
220/100 Kv 100 Mva Vijai Ict 1 @Jambhul	IntraState	28/04/2016	09.15		Continued.	PO	Premonsoon Maintenance Work.
220/22 Kv 50 Mva Bhel Ptr 1 @Padghe	IntraState	28/04/2016	15.57	28/04/2016	19.58	T	50 MVA 220/22KV T/F Y Phase Stub Bus Insulator String Decapped.
132 KV LINE Outages/Trippings							
Badnapur - Gaps	IntraState	28/04/2016	04.15	28/04/2016	06.16	T	R Ph CT Burst @ GAPS End.

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