

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/May/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.111	462.288	1) Gujrat	-2.668	-12.346
2) Hydro	9.192	42.304	2) Madhya Pradesh	12.476	56.277
3) Gas	10.662	42.030	3) Chattisgarh	6.240	26.090
Total MSPGCL	149.965	546.622	4) Maharashtra Net	87.226	354.777
B) 1) APML	49.236	196.405	5) Goa (Amona)	-0.584	-2.242
2) JSWEL	28.719	109.528	6) TAPS 1&2 Injection	0.000	10.368
3) VIPL	13.190	51.398	7) RGPPL Injection	11.632	46.318
4) RPL(AMT)	16.492	66.097	8) Pench (MS)	0.031	0.194
5) WPCL	2.838	14.140	9) Pench (Excess)	-0.031	-0.194
6) Other IPP	5.107	21.709	Total	114.291	479.048
C) 1) TPCL Thermal	15.345	59.705	a) Mumbai Schedule	26.024	95.607
2) TPCL Hydro	4.102	11.768	b) Mumbai Drawl	30.110	114.443
3) TPCL Gas	4.132	17.013	c) MSEDCL Bilateral *	32.226	119.606
4) R-INFRA Thermal	11.388	44.260	Include PX	0.000	-1.741
D) STATE			d) Mumbai Bilateral *	26.024	95.607
1) Thermal	272.426	1025.530	Include PX	1.629	7.518
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.294	54.072	H) ENERGY CATERED (MUs)		
3) Gas	14.794	59.043	1) MSEDCL	367.815	1446.441
4) Wind	16.730	70.218	2) Mumbai Discoms	65.047	247.159
6) SOLAR	1.357	5.719	TOTAL STATE	432.862	1693.600
TOTAL STATE	318.601	1214.582			

* 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 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5677	5701	5027	5158
MSPGCL Hydro	1276	874	187	121
MSPGCL Gas	450	423	445	455
MSPGCL Total Generation	7403	6998	5659	5734
Central Sector Receipt	5673	5518	5694	4614
WIND	208	262	1031	631
CPP / IPP	5017	5052	4509	4779
SOLAR	173	187	0	0
Exchange with Mumbai	-1308	-1412	-1513	-891
MSEDCL DEMAND MET	17166	16605	15380	14867
Load Shedding	0	0	0	0
MSEDCL DEMAND	17166	16605	15380	14867
TPCL GENERATION	1306	1317	856	743
R-INFRA GENERATION	494	503	512	403
MUMBAI DEMAND	3108	3232	2881	2037
STATE DEMAND MET	20274	19837	18261	16904
STATE DEMAND	20274	19837	18261	16904
Frequency (Hz)	49.96	49.92	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 18.11 Hrs	49.82 Hz at 00.04 Hrs	49.99	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 04/May/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	8.63	34.05	361	353
Total	8.63	34.05		
Bhusawal				
Unit 2	3.13	12.65	145	120
Unit 3	4.00	15.30	180	155
Unit 4	10.00	40.52	500	345
Unit 5	10.28	40.97	500	350
Total	27.41	109.44		
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	4.36	17.74	193	165
Unit 4	4.25	17.31	189	162
Unit 5	9.75	38.42	435	355
Unit 6	10.45	42.19	480	365
Unit 7	9.96	16.98	446	360
Total	38.79	132.65		
Paras				
Unit 3	5.16	22.06	247	180
Unit 4	5.63	22.39	256	194
Total	10.80	44.45		
Khaparkheda				
Unit 1	3.80	15.55	165	145
Unit 2	3.96	15.94	180	160
Unit 3	4.32	17.18	210	162
Unit 4	4.30	17.13	199	156
Unit 5	10.62	17.84	510	370
Total	27.01	83.64		
Nasik				
Unit 3	4.10	16.63	195	160
Unit 4	4.26	16.64	196	158
Unit 5	4.31	16.83	206	164
Total	12.68	50.10		
Uran				
All Units	10.66	42.03	463	423
Total	10.66	42.03		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.03	0.19	21	0
Total	0.03	0.19		
Koyna				
Stage 1-2	3.44	15.10	430	40
Stage 4	2.84	12.98	616	0
Stage 3	0.87	5.79	134	0
Total	7.15	33.86		
Hydro				
KDPH	0.60	2.41	25	24
VTRNA	0.00	0.29	0	0
TILLARI	0.13	1.22	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	0.57	40	0
RNGR+BHTSA	0.22	0.75	12	2
BHANDARDRA	0.19	0.54	32	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	0.35	9	8
GHATGHAR	0.52	2.32	125	0
Total	2.04	8.44		
Wind				
Total	16.73	70.22	0	0
Total	16.73	70.22		
CPP				
APML(Mus)	49.24	196.40	0	0
JSWEL(Mus)	28.72	109.53	0	0
VIPL(Mus)	13.19	51.40	0	0
RPLAMT(Mus)	16.49	66.10	0	0
WPCL(Mus)	2.84	14.14	0	0
Other(Mus)	5.11	21.71	0	0
Total	115.58	459.28		
SOLAR				
Total	1.36	5.72	0	0
Total	1.36	5.72		
Tata				
Trombay 5	9.44	36.91	438	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	11.01	120	94
Trombay 7B	1.39	6.00	66	22
Trombay 8	5.90	22.80	248	241
TATA Hydro	4.10	11.77	459	0
Total	23.58	88.49		
R-INFRA				
1-2	11.39	44.26	515	403
Total	11.39	44.26		

* 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	130.11	462.29	MSPGCL Total	149.96	546.62
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	140.77	504.32	Koyna 1,2 & 4 Total	6.28	28.07
Koradi 9	4.80	7.97	MSPGCL Hydro	9.19	42.30	State Total	318.60	1214.58
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/May/2016

Annexure-2

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	5208	275	440	5923	1001	4864	0	5154	4655	-1383	15060	0	15060	2527	17587	49.96
2	5183	192	461	5836	1030	4816	0	5065	4949	-1192	15439	0	15439	2338	17777	49.99
3	5138	104	452	5694	1012	4798	0	4901	4386	-1049	14841	0	14841	2193	17034	49.98
4	5161	125	462	5748	967	4780	0	4878	4370	-943	14922	0	14922	2088	17010	49.99
5	5158	121	455	5734	631	4779	0	4877	4614	-891	14867	0	14867	2037	16904	49.99
6	5437	106	463	6006	455	4848	0	4891	5053	-825	15537	0	15537	2059	17596	49.99
7	5760	85	447	6292	438	4983	11	4961	4816	-657	15883	0	15883	2026	17909	50.01
8	5807	90	462	6359	389	5007	34	5036	5136	-773	16152	0	16152	2143	18295	49.99
9	5808	136	454	6398	411	5007	104	5257	5180	-1122	15978	0	15978	2515	18493	49.99
10	5774	883	433	7090	318	5010	132	5252	5572	-1301	16821	0	16821	2827	19648	49.99
11	5677	1276	450	7403	208	5017	173	5366	5673	-1308	17166	0	17166	3108	20274	49.96
12	5666	1179	423	7268	190	5079	186	5501	5276	-1391	16608	0	16608	3213	19821	49.97
13	5701	874	423	6998	262	5052	187	5516	5518	-1412	16605	0	16605	3232	19837	49.92
14	5773	239	424	6436	322	5046	174	5497	5804	-1375	16407	0	16407	3182	19589	49.99
15	5768	858	435	7061	352	5067	136	5489	5359	-1483	16492	0	16492	3231	19723	49.96
16	5746	707	428	6881	617	5068	106	5493	4557	-1490	15739	0	15739	3235	18974	49.97
17	5407	305	441	6153	989	4910	76	5396	5012	-1496	15644	0	15644	3219	18863	50.02
18	5001	153	438	5592	1227	4408	32	5347	4581	-1469	14371	0	14371	3103	17474	50.12
19	5039	89	436	5564	1481	4219	6	4669	4517	-1351	14436	0	14436	2933	17369	50.13
20	4915	275	456	5646	1312	4366	0	5025	5345	-1371	15298	0	15298	2919	18217	50.01
21	5027	187	445	5659	1031	4509	0	5341	5694	-1513	15380	0	15380	2881	18261	50.00
22	5065	120	443	5628	785	4531	0	5341	5322	-1518	14748	0	14748	2706	17454	49.98
23	5173	375	450	5998	649	4650	0	5337	5315	-1401	15211	0	15211	2657	17868	49.93
24	5719	438	441	6598	653	4768	0	5180	4887	-1396	15510	0	15510	2705	18215	50.00
MUs	130.11	9.19	10.66	149.96	16.73	115.58	1.36	124.77	121.59	-30.11	375.11	0.00	375.11	65.08	440.19	49.99

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 04/May/2016

Position as on 6.30 Hrs of 05/May/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 synch.07.04.2016 (12.03 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								
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.	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	
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.	
RGPL	Dabhol 2B	230	26/04/2016	13.12		Continued.	P.M.WORK	
MSPGCL	Uran Unit 8	108	02/05/2016	14.47		Continued.	Gas shortage	
CPP	WPCL U-4	135	03/05/2016	00.00		Continued.	ESP Back Filter DP High	
CENT.SECTOR	Tarapur 1	160	04/05/2016	00.20		Continued.	Mandatory surveillance checks,Main condenser tube leak check	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/May/2016

Statement-VII

Position as on 6.30 Hrs of 05/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	03/05/2016	09.14	04/05/2016	09.10	EO	Insulator string replacement(RFC 17.34Hrs)
Dhule Sar'Sarovar I	InterState	04/05/2016	12.53		Continued.	PO	Retrofitting of Main Protection.
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11		Continued.	HT	Hand Tripped
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantalling of Conductor Reorintation.
Bhusawal-Aurangabad	IntraState	02/05/2016	17.21	04/05/2016	09.01	HT	Over Voltage
karad -kolhapur-I	IntraState	03/05/2016	16.37	04/05/2016	07.32	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/05/2016	16.58	04/05/2016	03.15	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	04/05/2016	02.54	04/05/2016	08.39	T	Distance Protection
karad -kolhapur-I	IntraState	04/05/2016	16.29		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/05/2016	17.11		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	04/05/2016	17.14		Continued.	HT	Over Voltage
Koradi 2-IEPL	IntraState	04/05/2016	20.36		Continued.	PO	Attending the Work of B Ph LA.Work @ IEPL End.
Warora -IEPL	IntraState	04/05/2016	20.41		Continued.	PO	Attending the Work of B Ph LA.Work @ IEPL End.
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	02/05/2016	10.48		Continued.	PO	Repl.of 33KV Tertiry y phase unit Bushing
400/220/33kv, 500 Mva lct-2 @Khaparkheda	IntraState	04/05/2016	08.08	04/05/2016	18.06	PO	Replacement of R Ph CT & Premonsoon Maintenance Work.
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
Hingoli- Girawali	IntraState	03/05/2016	22.41	04/05/2016	10.45	T	Distance Protection
Kharghar - Nerul	IntraState	04/05/2016	05.58	04/05/2016	09.36	EO	To attend Hot Spot
Parli 3 (Old Gcr)-Osmanabad	IntraState	04/05/2016	09.35	04/05/2016	15.20	PO	Midspan Conductor Joint Work.
Hinjawadi I- Chinchwad	IntraState	04/05/2016	10.44	04/05/2016	17.05	HT	To Control Urse Chinchwad Loading.
Wardha- Pgcil(Deoli)	IntraState	04/05/2016	16.21	04/05/2016	17.24	T	Distance Protection
Gadchandur - Grace	IntraState	04/05/2016	18.04	04/05/2016	18.47	T	Distance Protection
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)
220/132/11 Kv 200 Mva Cgl lct 2 @Amravati	IntraState	04/05/2016	05.55	04/05/2016	12.12	PO	Premonsoon Maintenance Work.
220/132 Kv 200 Mva Bbl lct 1 @Beed	IntraState	04/05/2016	09.00	04/05/2016	11.02	PO	Quarterly Maintainance Work
132 KV LINE Outages/Trippings							
Umri - Kundalwadi	IntraState	04/05/2016	07.20	04/05/2016	07.50	T	Backup Protection
Amravati-Achalpur	IntraState	04/05/2016	13.34	04/05/2016	14.14	T	Distance Protection

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 04/May/2016

Statement-VII

Position as on 6.30 Hrs of 05/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pardi-Besa	IntraState	04/05/2016	16.49	04/05/2016	17.02	T	Distance Protection