

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 05/Apr/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.417	749.265	1) Gujrat	1.550	2.206
2) Hydro	23.525	85.130	2) Madhya Pradesh	11.780	53.130
3) Gas	10.690	44.172	3) Chattisgarh	2.980	18.650
Total MSPGCL	191.632	878.567	4) Maharashtra Net	136.897	636.275
B) 1) APML	28.912	263.455	5) Goa (Amona)	-0.680	-3.122
2) JSWEL	23.955	90.418	Total	152.527	707.139
3) VIPL	14.219	69.931	a) Mumbai Schedule	24.852	115.500
4) RPL(AMT)	21.246	125.547	b) Mumbai Drawl	27.834	138.340
5) WPCL	2.928	19.942	c) MSEDCL Bilateral *	34.685	140.594
6) PGPL	0.000	0.000	Include PX	8.232	5.843
7) Other IPP	3.624	19.153	d) Mumbai Bilateral *	24.852	115.500
C) 1) TPCL Thermal	17.035	76.106	Include PX	1.996	10.945
2) TPCL Hydro	3.603	14.141	Include Standby	0.000	0.000
3) TPCL Gas	4.535	22.673	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.110	55.010	1) MSEDCL	430.372	2116.932
D) STATE			2) Mumbai Discoms	65.118	306.272
1) Thermal	281.446	1468.827	TOTAL STATE	495.490	2423.204
(A1+C1+C4+(B1-B6))					
2) Hydro	27.128	99.271			
(A2+C2)					
3) Gas	15.225	66.845			
(A3+B6+C3)					
4) Wind	17.608	74.096			
6) SOLAR	1.555	7.024			
TOTAL STATE	342.962	1716.063			

* 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 4 Hrs
MSPGCL Thermal	6744	6862	6504	6258
MSPGCL Hydro	1596	1340	908	163
MSPGCL Gas	427	436	445	453
MSPGCL Total Generation	8767	8638	7857	6874
Central Sector Receipt	7416	6835	6155	5787
WIND	401	511	943	858
CPP / IPP Thermal	3973	3982	3914	3965
CPP / IPP Gas	0	0	0	0
SOLAR	216	214	0	0
Exchange with Mumbai	-1432	-1498	-1494	-580
MSEDCL DEMAND MET	19341	18682	17375	16904
Load Shedding	347	576	0	0
MSEDCL DEMAND	19688	19258	17375	16904
TPCL GENERATION	1247	1115	925	897
R-INFRA GENERATION	498	503	506	505
MUMBAI DEMAND	3177	3116	2925	1982
STATE DEMAND MET	22518	21798	20300	18886
STATE DEMAND	22865	22374	20300	18886
Frequency (Hz)	49.97	49.99	49.96	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13.00 Hrs	49.77 Hz at 06.08 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 05/Apr/2017

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	3.80	19.06	161	155
Unit 8	12.72	68.64	597	497
Unit 9	10.25	66.09	583	0
Unit 10	0.00	0.00	0	0
Total	26.76	153.79		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.56	21.77	195	185
Unit 4	12.04	54.38	505	485
Unit 5	12.04	54.46	505	500
Total	28.63	130.61		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.98	28.98	251	244
Unit 7	4.74	27.06	241	133
Unit 8	0.00	0.00	0	0
Total	10.73	56.04		
Chandrapur				
Unit 3	4.65	23.36	199	189
Unit 4	4.58	23.16	198	185
Unit 5	4.92	16.33	445	0
Unit 6	9.94	51.11	437	380
Unit 7	0.00	0.00	0	0
Unit 8	8.63	42.52	400	314
Unit 9	11.73	33.77	500	438
Total	44.46	190.25		
Paras				
Unit 3	5.94	29.30	255	217
Unit 4	3.99	14.50	250	0
Total	9.93	43.80		
Khaparkheda				
Unit 1	4.02	19.84	180	155
Unit 2	4.34	20.94	190	170
Unit 3	4.50	21.01	200	175
Unit 4	4.27	19.52	181	175
Unit 5	11.12	52.02	500	428
Total	28.25	133.31		
Nasik				
Unit 3	4.34	20.81	195	165
Unit 4	0.00	0.00	0	0
Unit 5	4.32	20.66	198	167
Total	8.66	41.47		
Uran				
All Units	10.69	44.17	455	427
Total	10.69	44.17		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	0.31	0	0
Total	0.00	0.31		
Koyna				
Stage 1-2	7.42	25.59	550	50
Stage 4	9.37	28.53	757	0
Stage 3	3.63	12.21	240	0
Total	20.42	66.33		
Hydro				
KDPH	0.40	1.98	17	16
VTRNA	1.39	6.34	58	58
TILLARI	0.00	0.28	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	0.71	63	0
RNGR+BHTSA	0.30	1.52	13	12
BHANDARDRA	0.51	2.51	41	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.41	3.08	25	14
GHATGHAR	0.00	2.39	0	0
Total	3.11	18.80		
Wind				
Total	17.61	74.10	0	0
Total	17.61	74.10		
CPP				
APML(Mus)	28.91	263.46	0	0
JSWEL(Mus)	23.96	90.42	0	0
VIPL(Mus)	14.22	69.93	0	0
RPLAMT(Mus)	21.25	125.55	0	0
WPCL(Mus)	2.93	19.94	0	0
Other(Mus)	3.62	19.15	0	0
Total	94.88	588.45		
SOLAR				
Total	1.56	7.02	0	0
Total	1.56	7.02		
Tata				
Trombay 5	11.41	49.22	495	375
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	14.60	122	121
Trombay 7B	1.62	8.08	68	67
Trombay 8	5.62	26.88	247	201
TATA Hydro	3.60	14.14	427	36
Total	25.17	112.92		
R-INFRA				
DTPS U-1&2	12.11	55.01	508	498
Total	12.11	55.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.42	749.26	MSPGCL Total	191.63	878.57
			MSPGCL Thml+Gas	168.11	793.44	Koyna 1,2 & 4 Total	16.79	54.12
			MSPGCL Hydro	23.52	85.13	State Total	342.96	1716.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Apr/2017

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			THM	GAS										
1	6367	1641	441	8449	731	3931	0	0	5635	5761	-1057	17815	0	17815	2483	20298	49.98
2	6290	1287	452	8029	877	3952	0	0	5508	5851	-827	17882	0	17882	2255	20137	49.99
3	6273	473	452	7198	900	3968	0	0	5723	5701	-666	17101	0	17101	2093	19194	49.97
4	6258	163	453	6874	858	3965	0	0	5758	5787	-580	16904	0	16904	1982	18886	49.93
5	6264	518	452	7234	815	3970	0	0	5454	5637	-541	17115	0	17115	1947	19062	49.96
6	6287	1196	455	7938	812	3988	0	0	5438	5562	-588	17712	0	17712	2047	19759	49.96
7	6300	1560	455	8315	722	3971	0	6	6164	6268	-641	18641	0	18641	2192	20833	49.98
8	6477	1077	455	8009	551	3981	0	43	6468	6820	-688	18716	0	18716	2260	20976	49.99
9	6586	909	453	7948	427	3984	0	94	6672	6741	-903	18291	0	18291	2497	20788	49.99
10	6575	1131	446	8152	309	3988	0	143	6542	6717	-1301	18008	0	18008	3130	21138	49.96
11	6647	1345	446	8438	305	3986	0	179	6935	7003	-1369	18542	0	18542	3224	21766	49.95
12	6744	1596	427	8767	401	3973	0	216	6997	7416	-1432	19341	347	19688	3177	22865	49.97
13	6862	1340	436	8638	511	3982	0	214	6979	6835	-1498	18682	576	19258	3116	22374	49.99
14	6940	908	437	8285	716	3984	0	208	6969	7143	-1524	18812	94	18906	3252	22158	50.03
15	7055	933	434	8422	826	3944	0	179	6928	6957	-1483	18845	0	18845	3277	22122	49.96
16	6762	1387	437	8586	845	3894	0	143	6945	7116	-1430	19154	0	19154	3118	22272	49.93
17	6341	1366	440	8147	1032	3923	0	91	7005	7087	-1496	18784	0	18784	3092	21876	49.99
18	6405	936	433	7774	1106	3926	0	35	6209	6353	-1565	17629	0	17629	3120	20749	50.02
19	6420	241	447	7108	996	3924	0	4	6168	5984	-1495	16521	0	16521	3054	19575	49.99
20	6504	908	445	7857	943	3914	0	0	6017	6155	-1494	17375	0	17375	2925	20300	49.96
21	6596	673	447	7716	716	3928	0	0	5954	6019	-1460	16919	0	16919	2913	19832	49.96
22	6717	537	449	7703	749	3900	0	0	5760	5934	-1235	17051	0	17051	2558	19609	49.96
23	6799	520	449	7768	736	3959	0	0	5830	5732	-1293	16902	0	16902	2713	19615	49.95
24	6948	880	449	8277	724	3944	0	0	5805	5946	-1268	17623	0	17623	2692	20315	49.97
MUs	157.4 2	23.53	10.69	191.63	17.61	94.88	0.00	1.55	149.86	152.52	-27.83	430.37	1.02	431.39	65.12	496.50	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 05/Apr/2017

Position as on 6.30 Hrs of 06/Apr/2017

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	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
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 PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Koyna STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vabration high	
MSPGCL	Nasik Unit 4	210	25/03/2017	05.45		Continued.	BTL continued under zero schedule by MSEDCL w.e.f. 26.03.2017 at 00:00	
MSPGCL	Parli Unit 8	250	31/03/2017	12.55		Continued.	Low furnace pressure	
MSPGCL	Chandrapur Unit 5	500	02/04/2017	03.35	05/04/2017	11.05	Boiler Tube Leakage	
IPP	Adani U-3	660	03/04/2017	01.22		Continued.	Reduction in Hydrogen Pressure.	
MSPGCL	Paras Unit 4	250	03/04/2017	14.31	05/04/2017	06.20	Drum level low	
IPP	Adani U-1	660	04/04/2017	12.52		Continued.	Bearing vibration high	
CPP	SWPGL U-4	135	05/04/2017	15.00		Continued.	SSP Conveyor Belt Problem.	
MSPGCL	Koradi Unit 9	660	05/04/2017	15.44	05/04/2017	18.32	Generator Protection Operated.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 06/Apr/2017

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	04/04/2017	20.07	05/04/2017	06.28	HT	Over Voltage
Koradi Bhilai	InterState	05/04/2017	11.54	05/04/2017	21.32	T	Distance Protection
Dhule Sar'Sarovar II	InterState	05/04/2017	19.17		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	05/04/2017	02.43	06/04/2017	00.57	T	Distance Protection
Girwali-Solapur (Lamboti)	IntraState	05/04/2017	13.47	05/04/2017	17.04	EO	Remove Earth Wire.
Padghe - Kalwa- I	IntraState	05/04/2017	15.18	05/04/2017	15.22	T	Tripped on PDR
Koradi III(Adani)-Koradi II ckt 2	IntraState	05/04/2017	15.29	05/04/2017	18.08	PO	Meter Testing Work.
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	27/03/2017	12.58		Continued.	PO	Dismantling Work And Will Be Transport At Padgha.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	05/04/2017	05.36	05/04/2017	08.29	EO	Attending Hot Spot
400/220 KV 315 MVA ICT- I @Koradi	IntraState	05/04/2017	09.53	05/04/2017	19.53	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Badnera - Deoli (PG)	InterState	05/04/2017	10.37	05/04/2017	19.03	PO	Replacement Of Damaged Disc Insulator.
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.
Tata Borivli MSETCL Borivli 5	IntraState	05/04/2017	08.08	05/04/2017	10.25	PO	Attending Hot Spot
Uran - Kharghar I	IntraState	05/04/2017	10.01	05/04/2017	15.57	PO	Annual Maintenance Work
Lamboti - Solapur li(Bale) Ckt- I	IntraState	05/04/2017	10.30	05/04/2017	17.10	PO	Routine Maintenance Work
Nagar-Bose II	IntraState	05/04/2017	11.30	05/04/2017	19.40	T	Distance Protection
Trombay MSETCL Tie 1	IntraState	05/04/2017	12.33		Continued.	PO	Relay and scada panel replacement
Nagar-Bose I	IntraState	05/04/2017	17.56	05/04/2017	19.29	PO	Attend Breakdown Of CKT.
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)

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