

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/May/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	154.254	599.256	1) Gujrat	-3.108	-14.749
2) Hydro	3.960	20.146	2) Madhya Pradesh	6.698	32.360
3) Gas	10.497	31.559	3) Chattisgarh	4.950	23.160
Total MSPGCL	168.711	650.961	4) Maharashtra Net	127.415	526.821
B) 1) APML	53.930	208.626	5) Goa (Amona)	-0.836	-3.014
2) JSWEL	23.056	88.747	Total	135.119	564.578
3) VIPL	13.184	55.310	a) Mumbai Schedule	26.054	96.369
4) RPL(AMT)	19.069	57.681	b) Mumbai Drawl	28.270	107.648
5) WPCL	2.799	10.929	c) MSEDCL Bilateral *	27.195	151.453
6) PGPL	0.000	0.000	Include PX	0.000	57.997
7) Other IPP	3.217	11.750	d) Mumbai Bilateral *	26.054	96.369
C) 1) TPCL Thermal	17.445	65.412	Include PX	0.950	3.105
2) TPCL Hydro	4.063	14.131	Include Standby	0.000	0.000
3) TPCL Gas	4.516	18.033	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.057	46.898	1) MSEDCL	398.967	1586.504
D) STATE			2) Mumbai Discoms	66.351	252.122
1) Thermal	299.011	1144.609	TOTAL STATE	465.318	1838.626
(A1+C1+C4+(B1-B6))					
2) Hydro	8.023	34.277			
(A2+C2)					
3) Gas	15.013	49.592			
(A3+B6+C3)					
4) Wind	6.597	39.157			
6) SOLAR	1.555	6.413			
TOTAL STATE	330.199	1274.048			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6505	6424	6535	6270
MSPGCL Hydro	320	111	215	111
MSPGCL Gas	436	428	441	448
MSPGCL Total Generation	7261	6963	7191	6829
Central Sector Receipt	5584	6569	5819	4763
WIND	78	254	424	419
CPP / IPP Thermal	4868	4952	5055	4343
CPP / IPP Gas	0	0	0	0
SOLAR	229	183	0	0
Exchange with Mumbai	-1580	-1431	-1329	-793
MSEDCL DEMAND MET	16440	17490	17160	15561
Load Shedding	658	745	0	119
MSEDCL DEMAND	17098	18235	17160	15680
TPCL GENERATION	1226	1301	1075	921
R-INFRA GENERATION	500	498	505	506
MUMBAI DEMAND	3306	3230	2909	2220
STATE DEMAND MET	19746	20720	20069	17781
STATE DEMAND	20404	21465	20069	17900
Frequency (Hz)	49.97	49.83	49.92	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18.00 Hrs	49.69 Hz at 17.38 Hrs	49.93	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/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	3.81	15.17	165	151
Unit 8	12.04	44.94	581	420
Unit 9	13.48	45.57	639	511
Unit 10	0.00	20.99	0	0
Total	29.33	126.68		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.92	15.78	170	160
Unit 4	8.58	34.66	365	355
Unit 5	8.70	34.97	380	355
Total	21.20	85.41		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.96	23.52	250	240
Unit 7	5.57	22.63	248	202
Unit 8	0.00	0.00	0	0
Total	11.54	46.15		
Chandrapur				
Unit 3	4.40	17.48	188	172
Unit 4	4.70	6.94	199	193
Unit 5	10.57	42.08	450	421
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.83	39.47	491	420
Unit 9	9.60	39.01	450	310
Total	40.10	144.99		
Paras				
Unit 3	6.04	13.89	256	249
Unit 4	6.04	16.32	254	250
Total	12.08	30.22		
Khaparkheda				
Unit 1	3.23	15.82	175	0
Unit 2	3.34	15.52	190	0
Unit 3	4.32	18.09	200	150
Unit 4	3.93	16.83	190	84
Unit 5	11.20	44.68	500	435
Total	26.01	110.94		
Nasik				
Unit 3	4.62	18.25	200	165
Unit 4	4.72	18.40	207	177
Unit 5	4.65	18.21	204	174
Total	14.00	54.86		
Uran				
All Units	10.50	31.56	450	415
Total	10.50	31.56		
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	0.20	0	0
Total	0.00	0.20		
Koyna				
Stage 1-2	1.02	4.20	50	40
Stage 4	0.00	0.60	0	0
Stage 3	0.00	0.96	0	0
Total	1.02	5.76		
Hydro				
KDPH	0.62	2.47	26	25
VTRNA	0.68	2.51	61	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	0.55	40	0
RNGR+BHTSA	0.29	1.32	13	12
BHANDARDRA	0.45	1.81	37	10
ELDARY	0.22	0.92	10	9
SMLHY_PTN	0.37	1.70	24	12
GHATGHAR	0.12	2.71	93	0
Total	2.94	14.38		
Wind				
Total	6.60	39.16	0	0
Total	6.60	39.16		
CPP				
APML(Mus)	53.93	208.63	0	0
JSWEL(Mus)	23.06	88.75	0	0
VIPL(Mus)	13.18	55.31	0	0
RPLAMT(Mus)	19.07	57.68	0	0
WPCL(Mus)	2.80	10.93	0	0
Other(Mus)	3.22	11.75	0	0
Total	115.26	433.04		
SOLAR				
Total	1.56	6.41	0	0
Total	1.56	6.41		
Tata				
Trombay 5	11.71	43.13	493	474
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.91	11.63	123	118
Trombay 7B	1.61	6.40	68	66
Trombay 8	5.74	22.28	251	209
TATA Hydro	4.06	14.13	396	0
Total	26.02	97.58		
R-INFRA				
DTPS U-1&2	12.06	46.90	506	495
Total	12.06	46.90		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	154.25	599.26	MSPGCL Total	168.71	650.96
			MSPGCL Thml+Gas	164.75	630.82	Koyna 1,2 & 4 Total	1.02	4.80
			MSPGCL Hydro	3.96	20.15	State Total	330.20	1274.05

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/May/2017

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			THM	GAS										
1	6643	172	446	7261	317	4851	0	0	5003	5379	-1134	16674	61	16735	2634	19369	49.90
2	6529	111	448	7088	464	4412	0	0	4912	5215	-915	16264	123	16387	2345	18732	49.96
3	6270	111	448	6829	419	4343	0	0	4916	4763	-793	15561	119	15680	2220	17900	49.98
4	6281	115	448	6844	432	4510	0	0	4827	4673	-716	15743	112	15855	2106	17961	49.94
5	6228	115	447	6790	512	4594	0	0	4826	4967	-660	16203	110	16313	2055	18368	49.96
6	6232	141	450	6823	371	4590	0	0	5131	5374	-658	16500	289	16789	2081	18870	49.98
7	6303	141	449	6893	256	4556	0	4	5194	5037	-671	16075	484	16559	2095	18654	50.00
8	6358	137	448	6943	182	4620	0	39	5477	5476	-763	16497	140	16637	2189	18826	49.98
9	6436	178	429	7043	100	4686	0	106	5640	5928	-1093	16770	185	16955	2589	19544	49.96
10	6453	183	439	7075	49	4650	0	159	5688	5969	-1242	16660	401	17061	2835	19896	49.96
11	6394	251	425	7070	71	4803	0	177	5938	5796	-1501	16416	465	16881	3207	20088	49.96
12	6505	320	436	7261	78	4868	0	229	6003	5584	-1580	16440	658	17098	3306	20404	49.97
13	6545	151	427	7123	127	4972	0	225	6010	5897	-1612	16732	802	17534	3286	20820	49.95
14	6479	111	415	7005	97	4958	0	195	5965	5943	-1414	16784	745	17529	3175	20704	49.88
15	6424	111	428	6963	254	4952	0	183	6201	6569	-1431	17490	745	18235	3230	21465	49.83
16	6403	117	424	6944	298	4940	0	129	6085	6252	-1503	17060	507	17567	3294	20861	49.92
17	6357	137	433	6927	318	4951	0	78	5995	6027	-1456	16845	190	17035	3250	20285	49.90
18	6340	163	427	6930	345	4885	0	28	5967	5957	-1322	16823	38	16861	3120	19981	49.90
19	6371	208	436	7015	339	4830	0	3	5954	5925	-1279	16833	0	16833	2980	19813	49.93
20	6538	243	431	7212	247	5085	0	0	5496	5749	-1315	16978	0	16978	3002	19980	49.93
21	6535	215	441	7191	424	5055	0	0	5789	5819	-1329	17160	0	17160	2909	20069	49.92
22	6525	182	447	7154	275	4986	0	0	5787	5470	-1292	16593	0	16593	2831	19424	49.92
23	6583	172	434	7189	299	5077	0	0	5685	5795	-1295	17065	0	17065	2805	19870	49.87
24	6522	175	441	7138	323	5081	0	0	5281	5555	-1296	16801	0	16801	2807	19608	49.89
MUs	154.25	3.96	10.50	168.71	6.60	115.25	0.00	1.56	133.77	135.12	-28.27	398.97	6.17	405.14	66.35	471.49	49.93

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/2017

Position as on 6.30 Hrs of 05/May/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
IPP	Adani U-1	660	18/04/2017	13.12		Continued.	Due to coal shortage.	
CPP	SWPGL U-3	135	25/04/2017	00.01		Continued.	ESP.	
MSPGCL	Parli Unit 8	250	25/04/2017	07.52		Continued.	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 6	500	29/04/2017	19.31	05/05/2017	02.20	Air heater problem	
MSPGCL	Koradi Unit 10	660	03/05/2017	00.08		Continued.	Boiler Tube Leakage	
IPP	VIPL U-1	300	04/05/2017	00.50	04/05/2017	02.53	over excitation protection.	
MSPGCL	Khaparkheda Unit 2	210	04/05/2017	01.42	04/05/2017	05.54	Generator over frequency.	
MSPGCL	Khaparkheda Unit 1	210	04/05/2017	06.32	04/05/2017	10.46	Flame Failure	
MSPGCL	Khaparkheda Unit 4	210	04/05/2017	23.36		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/May/2017

Statement-VII

Position as on 6.30 Hrs of 05/May/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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar II	InterState	04/05/2017	02.09	04/05/2017	06.21	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	04/05/2017	17.09		Continued.	HT	attending breaker problem,RFC.
Ektuni-Bableshwar ckt II	IntraState	01/05/2017	22.55		Continued.	HT	to control line load.
Kalwa - Talegaon(PG)	IntraState	04/05/2017	01.26		Continued.	T	Distance Protection
Kharghar-Talegaon(PG)	IntraState	04/05/2017	02.24	05/05/2017	04.27	T	Distance Protection
Chandrapur - Khaperkheda	IntraState	04/05/2017	08.44	04/05/2017	17.56	PO	Testing Work
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT1@koradi 2	IntraState	04/05/2017	01.53	04/05/2017	16.03	T	NDR Operated
220 KV LINE Outages/Trippings							
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.
Koradi-Khaperkheda	IntraState	04/05/2017	00.49	04/05/2017	01.29	T	Distance Protection
Waluj-Padegaon I	IntraState	04/05/2017	01.26	04/05/2017	05.28	EO	Attending Hot Spot
Khaparkheda-Ambazari-Ii	IntraState	04/05/2017	01.42		Continued.	T	BPH broken.
Abhijeet-Wardha-Ii	IntraState	04/05/2017	01.58	04/05/2017	02.22	T	Distance Protection
Karad - Vita Ckt- I	IntraState	04/05/2017	03.12	04/05/2017	03.46	T	Distance Protection
Koradi II - Kawlewada	IntraState	04/05/2017	06.48	04/05/2017	10.08	PO	ATTENDING LOOSE JUMPER AT VARIOUS LOCATION.
Kharepatan -Pawas Line	IntraState	04/05/2017	10.42	04/05/2017	19.43	PO	Routine Maintenance Work
Talandage(kolh'r)- Sawantwadi II	IntraState	04/05/2017	16.18	04/05/2017	23.12	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)
220/33 KV T/F @ Butibori	IntraState	04/05/2017	00.00	04/05/2017	03.01	T	Backup Protection
220/132 Kv 200 Mva Cgl Ptr No 5 @Parvati	IntraState	04/05/2017	09.40	04/05/2017	17.50	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	04/05/2017	09.01	04/05/2017	16.33	T	Distance Protection
Mouda-Bhandara	IntraState	03/05/2017	23.00	04/05/2017	12.48	T	Distance Protection
Kalmeshwar-Saoner 1	IntraState	04/05/2017	01.58	04/05/2017	03.57	T	Distance Protection
Ambazari-Mankapur 1	IntraState	04/05/2017	02.09	04/05/2017	06.27	T	Distance Protection
Ambazari-Hingna 1	IntraState	04/05/2017	02.09	04/05/2017	02.52	T	Distance Protection
Pbn-Ii - Pathri	IntraState	04/05/2017	08.00	04/05/2017	10.08	PO	Tan Delta Measurment of CTs
Hingoli 2- Akhada Balapur	IntraState	04/05/2017	08.08	04/05/2017	15.45	EO	Attending Hot Spot
Parbhani-Bageshwari	IntraState	04/05/2017	12.55	04/05/2017	14.31	PO	Tan Delta Measurment of CTs
Killari Tap On Ujani-Omerga	IntraState	04/05/2017	18.52	04/05/2017	19.15	T	Distance Protection

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