

***Maharashtra State Electricity Transmission
Company Ltd.***

**State Load Despatch Center,
Airoli**

**Daily system Report
for**

05/Jul/2017

INDEX

Statement No.	Description	Page No.	Related Annexure
Statement No. I	Generation Overview	1	1, 6
	Exchange Overview		4, 5
Statement No. II	Overview of Peak Demand	1	2
Statement No. III	Overview of Water Coal & Oil Position and Koyna Water Utilization	2,3	
Statement No. IV	Maharashtra Inter state Schedule and Drawl	8	
Statement No. V	Overview of Voltage Profile	16	
Statement No. VI	Details of Generating Unit Outages/Trippings	17, 18	
Statement No. VII	Details of Line Outages/Trippings	19, 20	

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	86.771	444.498	1) Gujrat	-0.378	0.992
2) Hydro	9.711	28.668	2) Madhya Pradesh	18.329	83.434
3) Gas	9.126	31.988	3) Chattisgarh	8.900	43.920
Total MSPGCL	105.608	505.154	4) Maharashtra Net	89.437	416.427
B) 1) APML	64.124	327.495	5) Goa (Amona)	-0.440	-2.134
2) JSWEL	12.543	44.685	Total	115.848	542.639
3) VIPL	6.899	29.496	a) Mumbai Schedule	23.814	102.029
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.874	144.946
5) WPCL	5.157	19.116	c) MSEDCL Bilateral *	16.373	85.394
6) PGPL	0.000	0.000	Include PX	-1.073	4.367
7) Other IPP	2.593	14.574	d) Mumbai Bilateral *	23.814	102.029
C) 1) TPCL Thermal	16.062	60.927	Include PX	8.248	30.511
2) TPCL Hydro	3.931	23.962	Include Standby	0.000	0.000
3) TPCL Gas	3.547	15.968	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.275	50.039	1) MSEDCL	334.909	1600.573
D) STATE			2) Mumbai Discoms	63.689	295.843
1) Thermal	205.424	990.830	TOTAL STATE	398.598	1896.416
(A1+C1+C4+(B1-B6))					
2) Hydro	13.642	52.630			
(A2+C2)					
3) Gas	12.673	47.956			
(A3+B6+C3)					
4) Wind	49.449	254.550			
6) SOLAR	1.562	7.810			
TOTAL STATE	282.750	1353.776			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3690	3389	3671	3676
MSPGCL Hydro	698	318	450	40
MSPGCL Gas	380	375	379	397
MSPGCL Total Generation	4768	4082	4500	4113
Central Sector Receipt	5334	5140	5126	4008
WIND	2097	2445	1926	1981
CPP / IPP Thermal	3971	3858	3874	3681
CPP / IPP Gas	0	0	0	0
SOLAR	117	158	0	0
Exchange with Mumbai	-1089	-1571	-1195	-888
MSEDCL DEMAND MET	15198	14112	14231	12895
Load Shedding	0	0	0	0
MSEDCL DEMAND	15198	14112	14231	12895
TPCL GENERATION	1029	1153	1205	632
R-INFRA GENERATION	503	505	491	391
MUMBAI DEMAND	2621	3229	2891	1911
STATE DEMAND MET	17819	17341	17122	14806
STATE DEMAND	17819	17341	17122	14806
Frequency (Hz)	50.06	50.04	49.95	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 07.23 Hrs	49.82 Hz at 19.46 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

Water Position For the date 05/Jul/2017

Koyna Lake Level In Feet			
Current Year	Rise (+) / Fall (-)	Previous year	Rise (+) / Fall (-) with ref to previous year
2086.40	2.70	2059.50	26.90

Koyna Water Utilization for Water Year June 2017 - May 2018 As Per Krishna Award (TMC)					Rainfall (In mm) As on 05/Jul/2017				
	In TMC				Lake	Current Year		Prev. Year	
	Daily	Monthly	Yearly	Balance		For The Day	Total	For The Day	Total
Koyna I and II	0.112	0.385	2.256						
Koyna IV	0.074	0.094	0.280		Pophali	49	1457	121	1123
Total	0.186	0.479	2.536	64.964	Novaja	109	1525	141	1193
Last Year			1.790	65.710	Mahabaleshwar	49	1298	82	997

Maximum During the Month				Koyna Water Utilization (in TMC)			
MSPGCL Thermal Gen.	94.257	Mus On Date	03/07/2017	During Gates Opened			
MSPGCL Total Gen.	105.608	Mus On Date	05/07/2017		Daily	Monthly	Yearly
MSEDCL Energy Catered	334.909	Mus On Date	05/07/2017	Koyna I & II	0.000	0.000	0
Mumbai Energy Catered	63.689	Mus On Date	05/07/2017	Koyna IV	0.000	0.000	0
State Energy Catered	398.598	Mus On Date	05/07/2017	Total	0.000	0.000	0
MSEDCL Peak Demand	15201	MW On Date	04/07/2017	FOR LAST YEAR			
State Peak Demand	17819	MW On Date	05/07/2017				0
Maximum During the Financial Year							
MSEDCL Energy Catered	433.559	Mus On Date	11/04/2017				
Mumbai Energy Catered	71.995	Mus On Date	31/05/2017				
State Energy Catered	501.805	Mus On Date	11/04/2017				
State Peak Demand	22994	MW On Date	11/04/2017				

Voltage Profile at 400 KV Level for 05/07/2017

Maximum Voltage			Minimum Voltage		
Substation	KV	Time	Substation	KV	Time
400 KV NANDED	432	23.00	400 KV LAMBOTI	396	07.00

Load Shedding in Mus for 05/07/2017

Rural PLR	Urban PLR	Distress Load Shedding	Emergency Load Shedding	Total
0.000	0.000	0.000	0.000	0.000

State Load Dispatch Center, Airoli (MSETCL)

Coal and Oil Position

Coal And Oil Position for MSPGCL Power Stations for 05/Jul/2017						
Power Station	Coal			OIL		
	Receipt (In MT)	Consumption (In MT)	Balance Stock Days	FO	LDO	LSHS
Bhusawal Unit 2 and 3	3135.00	0.00	11.00	0.00	0.00	0.00
Bhusawal Unit 4	3930.00	0.00	5.00	0.00	0.00	0.00
Bhusawal Unit 5	3930.00	0.00	5.00	0.00	0.00	0.00
Chandrapur Unit 3 to 7	19666.36	18210.25	0.83	26.50	0.00	0.00
Chandrapur Unit 8 and 9	19666.36	18210.25	0.83	26.50	0.00	0.00
Khaparkheda Unit 1 to 4	2882.75	0.00	8.00	0.00	0.00	0.00
Khaparkheda Unit 5	2053.79	0.00	6.40	0.00	0.00	0.00
Koradi Unit 5 to 7	0.00	0.00	0.00	0.00	0.00	0.00
Koradi Unit 8 to 10	15504.00	15793.00	4.00	152.60	0.00	0.00
Nasik	10275.00	6773.00	9.97	1.00	0.00	0.00
Paras	10045.15	4076.00	12.91	0.00	0.00	0.00
Parli Unit 3 to 5	0.00	0.00	0.50	0.00	0.00	0.00
Parli Unit 6 and 7	0.00	0.00	12.00	0.00	0.00	0.00
Parli Unit 8	0.00	0.00	0.50	0.00	0.00	0.00
Total	91088.40	63062.50		206.60	0.00	0.00

Coal And Oil Position for IPP Power Stations for 05/Jul/2017						
Power Station	Coal			OIL		
	Receipt (In MT)	Consumption (In MT)	Balance Stock Days	FO	LDO	LSHS
APML, TIRORA	23254.00	40671.00	0.65	552.00	408.00	0.00
JSWEL	0.00	3132.00	28.00	134.62	134.27	0.00
RPL (AMT)	3544.10	0.00	9.11	0.00	0.00	0.00

Daily and Progressive Generation,Maximum,Minimum for 05/Jul/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	0.00	0.00	0	0
Unit 8	8.27	44.18	440	280
Unit 9	5.31	39.75	370	0
Unit 10	7.48	38.41	441	275
Total	21.06	122.34		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
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
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.56	21.70	195	181
Unit 5	9.65	45.79	420	375
Unit 6	9.75	47.18	440	281
Unit 7	10.44	48.74	453	391
Unit 8	8.28	47.58	422	308
Unit 9	8.59	47.35	421	321
Total	51.26	258.35		
Paras				
Unit 3	5.65	25.73	250	190
Unit 4	0.00	0.00	0	0
Total	5.65	25.73		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Nasik				
Unit 3	0.00	0.49	0	0
Unit 4	4.50	20.58	204	164
Unit 5	4.30	17.01	194	160
Total	8.80	38.08		
Uran				
All Units	9.13	31.99	397	363
Total	9.13	31.99		
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)	0.18	1.22	47	0
Total	0.18	1.22		
Koyna				
Stage 1-2	3.74	12.78	515	40
Stage 4	2.66	3.29	469	0
Stage 3	1.98	5.89	160	0
Total	8.38	21.95		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.34	0	0
TILLARI	0.12	1.23	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	2.13	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.09	1.31	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.02	1	0
GHATGHAR	0.72	1.67	125	0
Total	1.33	6.72		
Wind				
Total	49.45	254.55	0	0
Total	49.45	254.55		
CPP				
APML(Mus)	64.12	327.50	0	0
JSWEL(Mus)	12.54	44.68	0	0
VIPL(Mus)	6.90	29.50	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.16	19.12	0	0
Other(Mus)	2.59	14.57	0	0
Total	91.32	435.37		
SOLAR				
Total	1.56	7.81	0	0
Total	1.56	7.81		
Tata				
Trombay 5	10.45	42.46	486	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.17	9.89	97	73
Trombay 7B	1.37	6.08	60	52
Trombay 8	5.61	18.47	250	202
TATA Hydro	3.93	23.96	387	0
Total	23.54	100.86		
R-INFRA				
DTPS U-1&2	11.28	50.04	505	389
Total	11.28	50.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	86.77	444.50	MSPGCL Total	105.61	505.15
			MSPGCL Thml+Gas	95.90	476.49	Koyna 1,2 & 4 Total	6.40	16.06
			MSPGCL Hydro	9.71	28.67	State Total	282.75	1353.78

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Jul/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	3877	45	392	4314	1923	3899	0	0	4067	4478	-1236	13378	0	13378	2281	15659	50.01
2	3665	40	381	4086	1887	3834	0	0	3966	4356	-1073	13090	0	13090	2094	15184	49.99
3	3549	125	383	4057	1830	3709	0	0	3861	4406	-957	13045	0	13045	1982	15027	49.99
4	3676	40	397	4113	1981	3681	0	0	3816	4008	-888	12895	0	12895	1911	14806	50.00
5	3670	40	375	4085	1845	3697	0	0	4070	4261	-869	13019	0	13019	1892	14911	50.00
6	3632	284	383	4299	2033	3843	0	0	4452	4663	-944	13894	0	13894	2012	15906	49.93
7	3639	983	391	5013	1823	3978	0	15	4611	4932	-746	15015	0	15015	2123	17138	50.01
8	3634	1003	381	5018	1946	3994	0	56	4827	5169	-784	15399	0	15399	2278	17677	50.02
9	3690	698	380	4768	2097	3971	0	117	5314	5334	-1089	15198	0	15198	2621	17819	50.06
10	3671	395	378	4444	2211	3962	0	173	5329	5104	-1358	14536	0	14536	2962	17498	50.02
11	3661	364	374	4399	2070	3942	0	206	4995	5056	-1424	14249	0	14249	3197	17446	49.97
12	3424	285	374	4083	2198	3915	0	190	5382	5386	-1494	14278	0	14278	3268	17546	49.97
13	3389	318	375	4082	2445	3858	0	158	5299	5140	-1571	14112	0	14112	3229	17341	50.04
14	3444	425	376	4245	2480	3854	0	168	4912	5020	-1522	14245	0	14245	3089	17334	50.00
15	3433	305	380	4118	2396	3866	0	150	5018	5169	-1558	14141	0	14141	3126	17267	49.92
16	3521	161	363	4045	2523	3861	0	150	4916	5147	-1548	14178	0	14178	3112	17290	49.98
17	3546	87	379	4012	2512	3853	0	84	4836	4908	-1538	13831	0	13831	3056	16887	49.99
18	3676	53	378	4107	2136	3874	0	90	4590	4792	-1492	13507	0	13507	2990	16497	49.97
19	3633	105	387	4125	2281	3863	0	5	4550	4858	-1355	13777	0	13777	2906	16683	50.00
20	3671	450	379	4500	1926	3874	0	0	4695	5126	-1195	14231	0	14231	2891	17122	49.95
21	3754	930	378	5062	1888	3728	0	0	4338	4556	-1038	14196	0	14196	2792	16988	49.95
22	3720	1039	380	5139	1745	3464	0	0	4308	4604	-1027	13925	0	13925	2713	16638	49.96
23	3597	835	380	4812	1550	3403	0	0	4512	4724	-1026	13463	0	13463	2607	16070	49.95
24	3599	701	382	4682	1723	3393	0	0	4571	4651	-1142	13307	0	13307	2557	15864	49.99
MUs	86.77	9.71	9.13	105.61	49.45	91.32	0.00	1.56	111.23	115.85	-28.87	334.91	0.00	334.91	63.69	398.60	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.

Bilateral Power Purchases for 05/Jul/2017

Scheduled Power

TIME SR. NO.	MSEDCL					MUMBAI SYSTEM						OTHER
	IMPORT (Interstate)	EXPORT (Interstate)	PX	INTRA	NET	IMPORT (Interstate)	EXPORT (Interstate)	Standby From MSEDCL	PX	INTRA	NET	
1	338.43	-286.67	0.00	462.07	513.83	34.82	0.00	0.00	262.98	470.45	768.25	219.24
2	338.43	-286.67	0.00	461.43	513.19	34.63	0.00	0.00	161.76	469.94	666.32	219.24
3	338.43	-286.67	0.00	460.33	512.09	34.42	0.00	0.00	95.00	470.04	599.46	219.48
4	338.43	-286.67	0.00	450.36	502.11	34.42	0.00	0.00	50.55	470.02	554.99	218.26
5	338.43	-6.40	0.00	443.78	775.81	34.42	0.00	0.00	34.68	470.34	539.44	218.26
6	645.24	-6.40	0.00	445.86	1084.70	34.42	0.00	0.00	45.91	499.76	580.10	218.26
7	663.34	-8.86	0.00	448.13	1102.61	33.34	0.00	0.00	91.34	568.14	692.82	221.22
8	666.74	-11.07	0.00	441.85	1097.52	31.30	0.00	0.00	148.48	580.08	759.86	225.02
9	674.13	-11.77	0.00	434.17	1096.54	87.78	0.00	0.00	269.62	595.07	952.47	232.57
10	369.70	-12.98	0.00	426.62	783.35	90.28	0.00	0.00	437.40	616.01	1143.69	230.58
11	373.28	-15.20	0.00	408.20	766.28	90.43	0.00	0.00	574.66	633.72	1298.81	226.54
12	377.40	-16.06	0.00	375.50	736.83	146.11	0.00	0.00	603.72	642.69	1392.52	225.85
13	379.98	-18.28	0.00	320.20	681.89	148.12	0.00	0.00	572.70	644.25	1365.07	225.85
14	379.52	-19.04	0.00	312.15	672.63	148.22	0.00	0.00	516.04	634.70	1298.97	225.76
15	377.84	-14.93	0.00	310.32	673.23	145.44	0.00	0.00	534.36	626.25	1306.05	225.76
16	374.73	-11.91	0.00	309.92	672.74	145.44	0.00	0.00	540.22	613.93	1299.59	226.23
17	371.10	-8.62	0.00	310.80	673.28	92.21	0.00	0.00	518.00	597.26	1207.47	234.50
18	194.48	-6.93	0.00	308.83	496.38	94.09	0.00	0.00	484.54	584.52	1163.14	237.08
19	199.97	-6.59	0.00	308.67	502.05	93.70	0.00	0.00	422.02	572.32	1088.03	239.94
20	513.04	-6.40	-144.50	314.67	676.81	95.00	0.00	0.00	412.49	567.89	1075.38	236.81
21	663.49	-287.74	-382.97	323.44	316.22	94.07	0.00	0.00	406.63	568.60	1069.29	233.49
22	663.49	-287.74	-382.97	326.37	319.15	93.07	0.00	0.00	367.07	568.42	1028.56	230.36
23	643.36	-287.74	-162.52	327.60	520.71	92.78	0.00	0.00	374.64	568.02	1035.44	224.42
24	643.36	-287.74	0.00	327.10	682.72	39.88	0.00	0.00	323.10	565.52	928.51	220.95
MUs	10.866	-2.479	-1.073	9.058	16.373	1.968	0.000	0.000	8.248	13.598	23.814	5.436

Central Sector Share Receipt Statement for 05/Jul/2017

Time	Central Sector Share			C.S. Receipt (Incl. Bilateral Purchase) (MW)	Over Drawl(+)/ Under Drawl(-) (MW)	Frequency (Hz)
	NTPC+NPC+ TAPS (MW)	Bilateral Purchase (MW)	Total C.S. Share (MW)			
1	3498	569	4067	4478	411	50.01
2	3499	467	3966	4356	390	49.99
3	3460	401	3861	4406	545	49.99
4	3461	355	3816	4008	192	50.00
5	3451	619	4070	4261	191	50.00
6	3515	937	4452	4663	211	49.93
7	3611	1000	4611	4932	321	50.01
8	3767	1060	4827	5169	342	50.02
9	4062	1252	5314	5334	20	50.06
10	4214	1115	5329	5104	-225	50.02
11	3745	1250	4995	5056	61	49.97
12	4045	1337	5382	5386	4	49.97
13	3991	1308	5299	5140	-159	50.04
14	3661	1251	4912	5020	108	50.00
15	3750	1268	5018	5169	151	49.92
16	3641	1275	4916	5147	231	49.98
17	3629	1207	4836	4908	72	49.99
18	3587	1003	4590	4792	202	49.97
19	3601	949	4550	4858	308	50.00
20	3589	1106	4695	5126	431	49.95
21	3611	727	4338	4556	218	49.95
22	3625	683	4308	4604	296	49.96
23	3627	885	4512	4724	212	49.95
24	3631	940	4571	4651	80	49.99
Mus	88.27	22.97	111.23	115.85	4.61	49.99

Central Sector Share & Drawal Summary (in Mus)		
	Daily	Monthly
Central Sector Share	111.24	522.33
Receipt from Central Sector	92.88	439.80
Bilateral Purchase	22.97	102.84
Total Central Sector Receipt with Bilateral Purchase	115.85	542.64
Over Drawal (+) / Under Drawal (-)	4.61	20.31

Frequency Range Wise Analysis			
Frequency Range	C.S.Share (Mus)	C.S. Receipt (Mus)	Over(+) / Under(-) Drawal
Above 50.05	5.31	5.33	0.02
49.9 to 50.05	105.92	110.51	4.59
49.7 to 49.9	0.00	0.00	0.00
49.2 to 49.7	0.00	0.00	0.00
Below 49.2	0.00	0.00	0.00

State Load Despatch Center,Airoli (MSETCL)

Hourly InterState Exchange Details for 05/Jul/2017

Annexure-4

Time	Interstate Exchange Through															
	Gujrat			Madhya Pradesh					Chattisgar	Goa	Maharashtra (PG)					
	220 KV Nsk-Navsary	400 KV Dhule SSP	Total	220 KV Kalmeshwar-	400 KV Dhule-Khandw	400 KV Koradi Satpur	Pench (Net)	Total	400 KV Bhilai-Koradi	Amona (Net)	400 KV Chdpr-Bhadravati	Wardha (PG) Net	400 KV Parli(PG)-Parli(MS)	400 KV Padgha (Net)	Dhule(BD) - Dhule(M)	Kolhapur(M) - Kolhapur
1	32	-80	-48	92	480	170	0	742	390	-22	-380	-358	716	-10	260	-300
2	18	-90	-72	93	470	170	0	733	390	0	-430	-360	779	100	260	-390
3	18	-70	-52	95	480	170	0	745	390	-22	-380	-271	655	90	240	-360
4	10	-90	-80	100	440	150	0	690	400	-22	-490	-401	741	110	250	-360
5	36	-30	6	108	500	180	0	788	390	-22	-480	-363	721	160	220	-420
6	54	0	54	112	540	210	0	862	410	-22	-450	-275	765	260	210	-420
7	41	-20	21	101	590	200	0	891	420	-22	-400	-271	933	200	240	-360
8	19	-20	-1	63	580	200	0	843	420	0	-380	-306	988	160	270	-300
9	34	-10	24	107	550	180	0	837	390	-44	-440	-390	834	160	290	-280
10	-3	-40	-43	60	480	140	0	680	370	0	-560	-483	1035	120	200	-190
11	-6	-60	-66	67	480	160	0	707	370	-22	-370	-376	986	-60	220	-170
12	28	-30	-2	69	510	170	0	749	360	0	-310	-243	1014	-30	260	-130
13	38	-20	18	67	500	160	0	727	350	-22	-340	-505	1054	-50	340	-100
14	20	-10	10	69	470	180	0	719	340	-22	-190	-173	999	-170	280	-160
15	13	-30	-17	85	460	190	0	735	370	0	-130	-167	992	-160	230	-140
16	22	-10	12	86	470	200	0	756	360	-22	-100	-149	912	-140	230	-190
17	13	-10	3	77	520	220	0	817	360	-22	-10	-76	721	-120	220	-290
18	6	-20	-14	58	470	230	0	758	360	-22	-30	-111	713	-160	300	-270
19	50	0	50	48	560	170	-8	770	330	-22	-400	-275	592	120	380	-260
20	48	10	58	69	540	250	-47	812	360	-22	-400	-153	688	230	340	-320
21	12	-40	-28	55	500	220	-47	728	360	-22	-370	-188	661	130	300	-360
22	-8	-40	-48	69	490	270	-47	782	360	-22	-140	-1	652	100	230	-400
23	-31	-60	-91	61	460	240	-24	737	360	-22	-10	45	686	-20	240	-320
24	-12	-60	-72	56	460	210	-5	721	290	-22	240	33	630	-60	220	-360
Mus	0.45	-0.83	-0.38	1.87	12.00	4.64	-0.18	18.33	8.90	-0.44	-6.95	-5.82	19.47	0.96	6.23	-6.85

Time	Maharashtra (PG)								Total Exchang e
	400 KV Auranga-bad Net	400 KV Solapur (PG) Net	400 KV Talegaon (PG) Net	400 KV Pune (PG) GIS	400 KV Dabhol Net	220 KV Boisar (PG) Net	220 KV Tarapur Net	Total	
1	748	960	1400	-793	516	534	123	3416	4478
2	728	890	1385	-785	510	503	115	3305	4356
3	745	877	1392	-746	507	486	110	3345	4406
4	756	833	1285	-760	484	468	104	3020	4008
5	750	848	1316	-739	479	491	116	3099	4261
6	837	859	1231	-746	473	499	116	3359	4663
7	827	876	1247	-742	538	441	93	3622	4932
8	877	929	1251	-716	497	513	124	3907	5169
9	753	928	1721	-611	484	553	125	4127	5334
10	779	733	1941	-753	526	626	123	4097	5104
11	758	669	1868	-735	480	680	117	4067	5056
12	801	594	1850	-669	492	524	126	4279	5386
13	956	525	1668	-578	484	496	117	4067	5140
14	819	523	1493	-517	419	556	94	3973	5020
15	776	502	1531	-572	482	629	108	4081	5169
16	804	507	1510	-582	484	627	128	4041	5147
17	742	485	1391	-597	524	640	120	3750	4908
18	864	556	1302	-677	508	615	100	3710	4792
19	858	714	1420	-746	514	645	168	3730	4858
20	863	736	1479	-803	538	587	133	3918	5126
21	809	760	1293	-720	526	559	118	3518	4556
22	724	727	1227	-753	524	539	103	3532	4604
23	722	723	1190	-687	549	526	96	3740	4724
24	748	667	1148	-694	543	523	96	3734	4651
Mus	19.04	17.42	34.54	-16.72	12.08	13.26	2.77	89.44	115.85

Time	HVDC Flow I	HVDC Flow II	Total HVDC	Chikodi Export
1	150	150	300	0
2	75	75	150	0
3	75	75	150	0
4	75	75	150	0
5	75	75	150	0
6	75	75	150	0
7	75	75	150	0
8	150	150	300	0
9	150	150	300	0
10	500	500	1000	0
11	500	500	1000	0
12	500	500	1000	0
13	750	750	1500	0
14	750	750	1500	0
15	750	750	1500	0
16	750	750	1500	0
17	750	750	1500	0
18	750	750	1500	0
19	150	150	300	0
20	150	150	300	0
21	400	400	800	0
22	450	450	900	0
23	650	650	1300	0
24	650	650	1300	0
Mus	9.35	9.35	18.70	0.00

Mumbai Schedule	Mumbai Net Exchange
-768	-1236
-666	-1073
-599	-957
-555	-888
-539	-869
-580	-944
-693	-746
-760	-784
-952	-1089
-1144	-1358
-1299	-1424
-1393	-1494
-1365	-1571
-1299	-1522
-1306	-1558
-1300	-1548
-1207	-1538
-1163	-1492
-1088	-1355
-1075	-1195
-1069	-1038
-1029	-1027
-1035	-1026
-929	-1142
-23.81	-28.87

State Load Despatch Center,Airoli (MSETCL)
Hourly Generation Details for 05/Jul/2017

Annexure-5.1

Time	MSPGCL Thermal Generation																			
	Khaperkheda						Chandrapur								Koradi					
	U-1	U-2	U-3	U-4	U-5	Total	U-3	U-4	U-5	U-6	U-7	U-8	U-9	Total	U-5	U-6	U-7	U-8	U-9	U-10
1	0	0	0	0	0	0	0	192	405	440	453	384	332	2206	0	0	0	310	370	441
2	0	0	0	0	0	0	0	181	380	380	432	368	345	2086	0	0	0	310	360	369
3	0	0	0	0	0	0	0	181	375	390	391	372	339	2048	0	0	0	300	341	332
4	0	0	0	0	0	0	0	191	395	425	441	406	399	2257	0	0	0	280	318	305
5	0	0	0	0	0	0	0	191	395	425	442	422	413	2288	0	0	0	280	282	305
6	0	0	0	0	0	0	0	191	395	430	445	368	421	2250	0	0	0	280	281	282
7	0	0	0	0	0	0	0	189	390	430	437	324	414	2184	0	0	0	300	289	275
8	0	0	0	0	0	0	0	192	395	430	439	324	363	2143	0	0	0	300	309	278
9	0	0	0	0	0	0	0	191	400	425	442	321	376	2155	0	0	0	300	311	294
10	0	0	0	0	0	0	0	191	395	420	444	328	355	2133	0	0	0	302	311	290
11	0	0	0	0	0	0	0	192	405	410	440	327	362	2136	0	0	0	302	290	300
12	0	0	0	0	0	0	0	190	400	420	443	308	350	2111	0	0	0	305	77	300
13	0	0	0	0	0	0	0	190	405	415	443	338	344	2135	0	0	0	330	0	300
14	0	0	0	0	0	0	0	188	405	420	440	345	348	2146	0	0	0	360	0	300
15	0	0	0	0	0	0	0	188	415	415	440	355	347	2160	0	0	0	354	0	300
16	0	0	0	0	0	0	0	188	415	420	440	332	392	2187	0	0	0	360	34	300
17	0	0	0	0	0	0	0	189	415	425	438	330	349	2146	0	0	0	360	91	315
18	0	0	0	0	0	0	0	190	415	425	437	330	332	2129	0	0	0	420	162	330
19	0	0	0	0	0	0	0	192	420	410	432	330	326	2110	0	0	0	440	174	330
20	0	0	0	0	0	0	0	191	415	425	416	320	321	2088	0	0	0	440	189	325
21	0	0	0	0	0	0	0	194	410	425	421	330	326	2106	0	0	0	440	241	325
22	0	0	0	0	0	0	0	190	410	355	429	337	335	2056	0	0	0	430	277	320
23	0	0	0	0	0	0	0	194	405	310	429	330	348	2016	0	0	0	389	277	285
24	0	0	0	0	0	0	0	195	389	281	424	351	349	1989	0	0	0	381	322	277
Mus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.56	9.65	9.75	10.44	8.28	8.59	51.26	0.00	0.00	0.00	8.27	5.31	7.48

Time	MSPGCL Thermal Generation																	
	Koradi	Bhusawal					Nasik				Parali						Paras	
	Total	U-2	U-3	U-4	U-5	Total	U-3	U-4	U-5	Total	U-4	U-5	U-6	U-7	U-8	Total	U-3	U-4
1	1121	0	0	0	0	0	0	164	160	324	0	0	0	0	0	0	226	0
2	1039	0	0	0	0	0	0	164	160	324	0	0	0	0	0	0	216	0
3	973	0	0	0	0	0	0	165	160	325	0	0	0	0	0	0	203	0
4	903	0	0	0	0	0	0	166	160	326	0	0	0	0	0	0	190	0
5	867	0	0	0	0	0	0	165	160	325	0	0	0	0	0	0	190	0
6	843	0	0	0	0	0	0	166	160	326	0	0	0	0	0	0	213	0
7	864	0	0	0	0	0	0	195	175	370	0	0	0	0	0	0	221	0
8	887	0	0	0	0	0	0	196	180	376	0	0	0	0	0	0	228	0
9	905	0	0	0	0	0	0	198	182	380	0	0	0	0	0	0	250	0
10	903	0	0	0	0	0	0	201	184	385	0	0	0	0	0	0	250	0
11	892	0	0	0	0	0	0	194	189	383	0	0	0	0	0	0	250	0
12	682	0	0	0	0	0	0	193	188	381	0	0	0	0	0	0	250	0
13	630	0	0	0	0	0	0	187	187	374	0	0	0	0	0	0	250	0
14	660	0	0	0	0	0	0	200	188	388	0	0	0	0	0	0	250	0
15	654	0	0	0	0	0	0	184	185	369	0	0	0	0	0	0	250	0
16	694	0	0	0	0	0	0	196	194	390	0	0	0	0	0	0	250	0
17	766	0	0	0	0	0	0	197	187	384	0	0	0	0	0	0	250	0
18	912	0	0	0	0	0	0	196	189	385	0	0	0	0	0	0	250	0
19	944	0	0	0	0	0	0	165	164	329	0	0	0	0	0	0	250	0
20	954	0	0	0	0	0	0	197	182	379	0	0	0	0	0	0	250	0
21	1006	0	0	0	0	0	0	201	191	392	0	0	0	0	0	0	250	0
22	1027	0	0	0	0	0	0	202	191	393	0	0	0	0	0	0	244	0
23	951	0	0	0	0	0	0	204	190	394	0	0	0	0	0	0	236	0
24	980	0	0	0	0	0	0	204	190	394	0	0	0	0	0	0	236	0
Mus	21.06	0.00	0.00	0.00	0.00	0.00	0.00	4.50	4.30	8.80	0.00	0.00	0.00	0.00	0.00	0.00	5.65	0.00

State Load Despatch Center,Airoli (MSETCL)

Hourly Generation Details for 05/Jul/2017

Annexure-5.1

Time	Paras Total	Thermal Total																Total Hydr o	Uran All Units	Pench (MS)
			Koyna				Total Koyn a	KDP H	Ghat ghar	Tillari	Bhira TR	Vaita- rna	Bhan d- ardar	Paith an	Bhat ghar/ Veer	Rdna gri/ Bhat	Eldar y			
			Stage 1&2	Stg. 4	Stage 1,2,4	Stg. 3														
1	226	3877	45	0	45	0	45	0	0	0	0	0	0	0	0	0	0	45	392	0
2	216	3665	40	0	40	0	40	0	0	0	0	0	0	0	0	0	0	40	381	0
3	203	3549	125	0	125	0	125	0	0	0	0	0	0	0	0	0	0	125	383	0
4	190	3676	40	0	40	0	40	0	0	0	0	0	0	0	0	0	0	40	397	0
5	190	3670	40	0	40	0	40	0	0	0	0	0	0	0	0	0	0	40	375	0
6	213	3632	260	0	260	24	284	0	0	0	0	0	0	0	0	0	0	284	383	0
7	221	3639	515	338	853	80	933	0	50	0	0	0	0	0	0	0	0	983	391	0
8	228	3634	215	469	684	160	844	0	125	0	0	0	34	0	0	0	0	1003	381	0
9	250	3690	50	293	343	156	499	0	125	40	0	0	34	0	0	0	0	698	380	0
10	250	3671	45	0	45	132	177	0	58	60	77	0	23	0	0	0	0	395	378	0
11	250	3661	115	0	115	148	263	0	0	21	80	0	0	0	0	0	0	364	374	0
12	250	3424	45	0	45	160	205	0	0	0	80	0	0	0	0	0	0	285	374	0
13	250	3389	155	0	155	160	315	0	0	0	3	0	0	0	0	0	0	318	375	0
14	250	3444	265	0	265	160	425	0	0	0	0	0	0	0	0	0	0	425	376	0
15	250	3433	145	0	145	160	305	0	0	0	0	0	0	0	0	0	0	305	380	0
16	250	3521	65	0	65	96	161	0	0	0	0	0	0	0	0	0	0	161	363	0
17	250	3546	45	0	45	42	87	0	0	0	0	0	0	0	0	0	0	87	379	0
18	250	3676	50	0	50	0	50	0	0	0	3	0	0	0	0	0	0	53	378	0
19	250	3633	45	0	45	0	45	0	0	0	60	0	0	0	0	0	0	105	387	8
20	250	3671	225	85	310	0	310	0	60	0	80	0	0	0	0	0	0	450	379	47
21	250	3754	305	412	717	68	785	0	125	0	20	0	0	0	0	0	0	930	378	47
22	244	3720	340	460	800	114	914	0	125	0	0	0	0	0	0	0	0	1039	380	47
23	236	3597	270	355	625	160	785	0	50	0	0	0	0	0	0	0	0	835	380	24
24	236	3599	290	250	540	160	700	0	0	0	0	0	0	1	0	0	0	701	382	5
Mus	5.65	86.77	3.74	2.66	6.40	1.98	8.38	0.00	0.72	0.12	0.40	0.00	0.09	0.00	0.00	0.00	0.00	9.71	9.13	0.18

Time	TPCL							R- INFRA 1 & 2	PGPL		Total WIND	Total CPP	Total SOLAR	State Total Generati on
	Hydr o	Unit 5	Unit 6	Unit 7A	Unit 7B	Unit 8	Total		Unit 1	Unit 2				
1	21	305	0	73	53	203	655	390	0	0	1923	3899	0	11181
2	0	303	0	73	52	203	631	390	0	0	1887	3834	0	10828
3	0	307	0	73	52	203	635	390	0	0	1830	3709	0	10621
4	0	305	0	73	52	202	632	391	0	0	1981	3681	0	10798
5	0	305	0	74	52	202	633	390	0	0	1845	3697	0	10650
6	37	313	0	73	52	204	679	389	0	0	2033	3843	0	11243
7	91	423	0	90	56	249	909	468	0	0	1823	3978	15	12206
8	99	485	0	97	59	250	990	504	0	0	1946	3994	56	12508
9	150	474	0	97	59	249	1029	503	0	0	2097	3971	117	12485
10	217	479	0	97	59	247	1099	505	0	0	2211	3962	173	12394
11	387	482	0	97	59	245	1270	503	0	0	2070	3942	206	12390
12	387	484	0	97	60	245	1273	501	0	0	2198	3915	190	12160
13	270	484	0	97	59	243	1153	505	0	0	2445	3858	158	12201
14	182	483	0	97	59	241	1062	505	0	0	2480	3854	168	12314
15	182	483	0	97	59	242	1063	505	0	0	2396	3866	150	12098
16	182	485	0	96	59	242	1064	500	0	0	2523	3861	150	12143
17	140	486	0	97	59	241	1023	495	0	0	2512	3853	84	11979
18	126	484	0	97	59	242	1008	490	0	0	2136	3874	90	11705
19	184	480	0	97	59	242	1062	489	0	0	2281	3863	5	11825
20	336	470	0	97	59	243	1205	491	0	0	1926	3874	0	11996
21	378	480	0	97	58	244	1257	497	0	0	1888	3728	0	12432
22	304	486	0	97	60	243	1190	496	0	0	1745	3464	0	12034
23	213	480	0	97	59	244	1093	488	0	0	1550	3403	0	11346
24	45	484	0	94	59	243	925	490	0	0	1723	3393	0	11213
Mus	3.93	10.45	0.00	2.17	1.37	5.61	23.54	11.28	0.00	0.00	49.45	91.32	1.56	282.75

State Load Despatch Center,Airoli (MSETCL) Annexure-5.2

Hourly Generation Details of IPP/CPP for 05/Jul/2017

TIME	1.APML						2.JSWEL					3.RPL (AMT)						
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Total	Unit 1	Unit 2	Unit 3	Unit 4	Total	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Total	
1	510	621	621	520	530	2802	255	0	315	0	570	0	0	0	0	0	0	
2	493	619	618	493	516	2739	255	0	315	0	570	0	0	0	0	0	0	
3	454	618	618	457	469	2616	255	0	314	0	569	0	0	0	0	0	0	
4	454	618	615	455	460	2602	258	0	301	0	559	0	0	0	0	0	0	
5	455	618	614	452	470	2609	268	0	298	0	566	0	0	0	0	0	0	
6	483	619	618	477	492	2689	313	0	298	0	611	0	0	0	0	0	0	
7	503	618	618	502	519	2760	315	0	288	0	603	0	0	0	0	0	0	
8	503	618	617	503	520	2761	314	0	280	0	594	0	0	0	0	0	0	
9	504	611	618	501	515	2749	313	0	274	0	587	0	0	0	0	0	0	
10	504	608	618	499	514	2743	313	0	267	0	580	0	0	0	0	0	0	
11	503	613	618	501	513	2748	313	0	240	0	553	0	0	0	0	0	0	
12	505	616	617	498	514	2750	314	0	212	0	526	0	0	0	0	0	0	
13	503	615	618	500	513	2749	313	0	160	0	473	0	0	0	0	0	0	
14	505	615	618	500	515	2753	315	0	150	0	465	0	0	0	0	0	0	
15	509	615	618	500	517	2759	315	0	150	0	465	0	0	0	0	0	0	
16	506	619	611	501	515	2752	315	0	150	0	465	0	0	0	0	0	0	
17	503	615	618	486	524	2746	315	0	150	0	465	0	0	0	0	0	0	
18	506	617	618	508	519	2768	315	0	150	0	465	0	0	0	0	0	0	
19	505	616	616	519	500	2756	315	0	150	0	465	0	0	0	0	0	0	
20	505	614	617	520	502	2758	314	0	161	0	475	0	0	0	0	0	0	
21	482	593	586	480	473	2614	313	0	161	0	474	0	0	0	0	0	0	
22	470	501	477	448	449	2345	313	0	166	0	479	0	0	0	0	0	0	
23	469	448	456	454	451	2278	315	0	169	0	484	0	0	0	0	0	0	
24	467	455	454	454	448	2278	315	0	165	0	480	0	0	0	0	0	0	
Mus	11.80	14.32	14.31	11.72	11.95	64.124	7.259	0.000	5.284	0.000	12.543	0.000	0.000	0.000	0.000	0.000	0.000	

TIME	4.VIPL			5.WPCL					6.Other						Grand Total
	Unit 1	Unit 2	Total	Unit 1	Unit 2	Unit 3	Unit 4	Total	AAEL	FINO LEX	LMEL	OTHE RS	PPSL	Total	
1	0	212	212	0	0	96	110	206	8	21	23	37	20	109	3899
2	0	212	212	0	0	95	110	205	9	21	22	37	19	108	3834
3	0	213	213	0	0	97	110	207	10	21	17	37	19	104	3709
4	0	212	212	0	0	96	106	202	8	21	21	37	19	106	3681
5	0	213	213	0	0	97	105	202	8	21	22	37	19	107	3697
6	0	232	232	0	0	99	107	206	8	21	19	37	20	105	3843
7	0	300	300	0	0	102	104	206	8	21	24	37	19	109	3978
8	0	312	312	0	0	107	109	216	10	21	24	37	19	111	3994
9	0	312	312	0	0	108	108	216	8	21	22	37	19	107	3971
10	0	312	312	0	0	108	111	219	8	21	23	37	19	108	3962
11	0	312	312	0	0	107	113	220	9	21	23	37	19	109	3942
12	0	312	312	0	0	109	109	218	9	21	22	37	20	109	3915
13	0	312	312	0	0	109	107	216	9	21	22	37	19	108	3858
14	0	312	312	0	0	108	110	218	8	21	21	37	19	106	3854
15	0	312	312	0	0	110	112	222	9	21	22	37	19	108	3866
16	0	312	312	0	0	111	111	222	9	21	24	37	19	110	3861
17	0	312	312	0	0	111	110	221	9	21	23	37	19	109	3853
18	0	312	312	0	0	110	110	220	9	20	24	37	19	109	3874
19	0	312	312	0	0	110	111	221	9	20	24	37	19	109	3863
20	0	312	312	0	0	109	110	219	9	20	25	37	19	110	3874
21	0	312	312	0	0	109	110	219	9	20	24	37	19	109	3728
22	0	312	312	0	0	109	110	219	9	20	24	37	19	109	3464
23	0	313	313	0	0	111	108	219	9	20	24	37	19	109	3403
24	0	312	312	0	0	109	109	218	9	20	20	37	19	105	3393
Mus	0.000	6.899	6.899	0.000	0.000	2.537	2.620	5.157	0.210	0.497	0.539	0.888	0.459	2.593	91.316

Zonewise Hourly Generation Details of SOLAR for 05/Jul/2017

TIME	Aurangabad	Nagpur	Nashik	Pune	Total
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	1	1	6	7	15
8	7	2	27	20	56
9	15	3	64	35	117
10	26	4	91	52	173
11	17	4	129	56	206
12	25	3	103	59	190
13	24	3	73	58	158
14	21	3	88	56	168
15	19	3	84	44	150
16	14	2	84	50	150
17	5	1	42	36	84
18	4	1	68	17	90
19	0	0	3	2	5
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
Total	0.18	0.03	0.86	0.49	1.56

Zonewise Hourly Generation Details of WIND for 05/Jul/2017

TIME				
	Wind Karad	Wind Nashik	Wind Pune	Total
1	1111	723	89	1923
2	1008	794	85	1887
3	1021	747	62	1830
4	1080	826	75	1981
5	1060	706	79	1845
6	989	960	84	2033
7	1020	720	83	1823
8	1164	707	75	1946
9	1262	742	93	2097
10	1464	682	65	2211
11	1405	584	81	2070
12	1476	644	78	2198
13	1624	730	91	2445
14	1710	666	104	2480
15	1670	624	102	2396
16	1723	740	60	2523
17	1612	826	74	2512
18	1539	528	69	2136
19	1451	736	94	2281
20	1327	527	72	1926
21	1181	618	89	1888
22	1124	544	77	1745
23	1027	443	80	1550
24	1177	470	76	1723
Total	31.23	16.29	1.94	49.45

765KV/400KV Voltage Profile of Maharashtra System for the date 05/Jul/2017

Name of Substation	MAXIMUM		MINIMUM	
	Voltage (in KV)	At Time (Hrs)	Voltage (in KV)	At Time (Hrs)
765KV TIRORA	769	22.00	757	07.00
765KV KORADI-III	775	22.00	758	07.00
765KV AKOLA	786	22.00	760	07.00
765 KV EKTUNI	782	22.00	757	08.00
400KV NANDGAON PETH	425	08.00	402	07.00
400KV LONIKAND-II	421	04.00	400	10.00
400KV KORADI-II	421	22.00	410	07.00
400KV KHAPERKHEDA	431	04.00	420	07.00
400KV JAIGAD	420	20.00	417	11.00
400KV DEEPNAGAR	429	22.00	403	07.00
400KV CHANDRAPUR-II	429	03.00	421	07.00
400KV AKOLA-II	426	22.00	412	07.00
400 KV WARORA	424	04.00	418	07.00
400 KV TAPTITANDA	418	22.00	400	10.00
400 KV PARLI	422	23.00	402	08.00
400 KV PADGHA	427	04.00	405	10.00
400 KV NEW KOYNA	427	03.00	415	11.00
400 KV NANDED	432	23.00	411	07.00
400 KV NAGOTHANE	426	04.00	410	11.00
400 KV LONIKAND-I	422	04.00	399	11.00
400 KV LAMBOTI	427	18.00	396	07.00
400 KV KORADI-I	430	04.00	421	07.00
400 KV KOLHAPUR	425	04.00	407	11.00
400 KV KHARGHAR	422	04.00	401	10.00
400 KV KARAD	430	03.00	415	10.00
400 KV KALWA	432	04.00	410	11.00
400 KV JEJURI	425	04.00	400	10.00
400 KV DHULE	427	22.00	408	07.00
400 KV CHANDRAPUR-I	428	03.00	422	07.00
400 KV CHAKAN	423	04.00	397	10.00
400 KV BHUSAWAL	427	04.00	410	07.00
400 KV BABHALESHWAR	421	22.00	400	08.00
400 KV AURANGABAD	426	21.00	409	08.00
400 KV AKOLA-I	430	22.00	407	07.00

State Load Despatch Center,Airoli (MSETCL)

400KV Voltage Profile of Maharashtra System for the date 05/Jul/2017

Voltage Range below 380 KV			
Sr No	Name of Substation	Voltage (KV)	At Time (Hrs)

Voltage Range between 390 KV to 380 KV			
Sr No	Name of Substation	Voltage (KV)	At Time (Hrs)

Voltage Range between 420 KV to 430 KV			
Sr No	Name of Substation	Voltage (KV)	At Time (Hrs)
1	400 KV AKOLA-I	430	22.00
2	400 KV AURANGABAD	426	21.00
3	400 KV BABHALESHWAR	421	22.00
4	400 KV BHUSAWAL	427	04.00
5	400 KV CHAKAN	423	04.00
6	400 KV CHANDRAPUR-I	428	03.00
7	400 KV DHULE	427	22.00
8	400 KV JEJURI	425	04.00
9	400 KV KARAD	430	03.00
10	400 KV KHARGHAR	422	04.00
11	400 KV KOLHAPUR	425	04.00
12	400 KV KORADI-I	430	04.00
13	400 KV LAMBOTI	427	18.00
14	400 KV LONIKAND-I	422	04.00
15	400 KV NAGOTHANE	426	04.00
16	400 KV NEW KOYNA	427	03.00
17	400 KV PADGHA	427	04.00
18	400 KV PARLI	422	23.00
19	400 KV WARORA	424	04.00
20	400KV AKOLA-II	426	22.00
21	400KV CHANDRAPUR-II	429	03.00
22	400KV DEEPNAGAR	429	22.00
23	400KV JAIGAD	420	20.00
24	400KV KORADI-II	421	22.00
25	400KV LONIKAND-II	421	04.00
26	400KV NANDGAON PETH	425	08.00

Voltage Range above 430 KV			
Sr No	Name of Substation	Voltage (in KV)	At Time (Hrs)
1	400 KV KALWA	432	04.00
2	400 KV NANDED	432	23.00
3	400KV KHAPERKHEDA	431	04.00

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Jul/2017

Position as on 6.30 Hrs of 06/Jul/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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
MSPGCL	Khaparkheda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 4	250	21/06/2017	00.04		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
IPP	JSW (J) U4	300	04/07/2017	20.41		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	
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	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure(converted to Zero Schedule from 00.00Hrs DT.13th Jun 17)	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swapping with unit-5(converted to Zero Schedule from 00.00Hrs DT.15th Jun 17)	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Jul/2017

Position as on 6.30 Hrs of 06/Jul/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01		Continued.	Zero Schedule By MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 6	250	14/06/2017	00.02		Continued.	Zero schedule by MSEDCL.	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 4	500	24/06/2017	00.38		Continued.	Hydrogen Gas Leakage.	
MSPGCL	Bhusawal Unit 5	500	26/06/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	26/06/2017	10.20		Continued.	BTL (Converted to Zero Schedule from 20.00Hrs DT.27 June 2017)	
MSPGCL	Khaparkheda Unit 3	210	27/06/2017	23.50		Continued.	zero schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 1	210	27/06/2017	23.51		Continued.	zero schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 5	500	28/06/2017	23.58		Continued.	zero schedule by MSEDCL	
MSPGCL	Nasik Unit 3	210	01/07/2017	03.25		Continued.	BTL (converted to Zero Schedule from 10.00Hrs DT.04th July 17)	
MSPGCL	Koradi Unit 9	660	05/07/2017	11.29	05/07/2017	15.47	main bay 413 and tie bay 414 for attending the hot spot on ct.	

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

Statement-VII

Position as on 6.30 Hrs of 06/Jul/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni - Akola II Ckt I	IntraState	05/07/2017	10.29	05/07/2017	13.57	PO	for changeover of spare reactor against r phase line reactor.
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	04/07/2017	18.24		Continued.	HT	Over Voltage
Dabhol New koyna I	InterState	05/07/2017	03.17	05/07/2017	09.09	T	Distance Protection
Kolhapur Solapur(PG) I	InterState	05/07/2017	06.23		Continued.	PO	outage by wrldc
karad -kolhapur-I	IntraState	23/06/2017	17.07		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/06/2017	17.02	05/07/2017	12.44	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	01/07/2017	08.19		Continued.	HT	load control.
Karad - Jaigad - II	IntraState	04/07/2017	21.07	05/07/2017	09.19	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	05/07/2017	09.06	05/07/2017	15.39	PO	work of fixing and crimping of compression type clamp and connector at lilo tower.
Alkud-Kolhapur(Talandage)	IntraState	05/07/2017	09.48	05/07/2017	16.38	PO	Isolator problem of 400kv kolhapur line.
Bus Coupler @ New Koyna	IntraState	05/07/2017	10.16	05/07/2017	16.57	PO	attending problem of cb.
Tapitanda Waluj	IntraState	05/07/2017	11.53	05/07/2017	17.46	PO	Line Maintenance work
Koradi-India Bulls	IntraState	05/07/2017	18.01		Continued.	T	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/07/2017	19.58		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	05/07/2017	20.40		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	05/07/2017	20.45	06/07/2017	05.16	HT	to heavy sparking on ct.
Babhaleshwar - Padghe-II	IntraState	06/07/2017	05.25		Continued.	T	Attending Hot Spot
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	04/07/2017	20.54	05/07/2017	2.37	EO	To attend Hot Spot
400/220kv 315 Mva ICT III @Karad	IntraState	05/07/2017	10.36	05/07/2017	17.50	PO	Attending Oil Leakage
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	05/07/2017	14.46	05/07/2017	17.16	PO	to attend aux. contact problem r and bph of hv.
400/220kv 315MVA ICT-I@Parly	IntraState	05/07/2017	16.42		Continued.	PO	replacement of r-ph sick unit with overhauled unit.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
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.
Walchandnagar-Bhigwan	IntraState	04/06/2017	17.29		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Pophali - Pedambe II	IntraState	17/06/2017	17.00		Continued.	PO	CT REPLACEMENT WORK
Pophali - Kdph	IntraState	23/06/2017	08.45		Continued.	T	Distance Protection
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Adlabs - Pedambe	IntraState	05/07/2017	09.15	05/07/2017	13.03	PO	broken jumper replacement work.
Beed-Patoda Ckt 1	IntraState	05/07/2017	10.10	05/07/2017	13.05	PO	Quarterly Maintanance Work
Mumewadi -Halkarni I	IntraState	05/07/2017	10.25	05/07/2017	17.35	PO	Line Maintenance work

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 05/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 06/Jul/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe - Nalasopara	IntraState	05/07/2017	11.01	05/07/2017	14.06	PO	for taking out vasai line 437 taking nalasopara-boisar pg.
Chandrapur GCR - Sicom I	IntraState	05/07/2017	11.10	05/07/2017	14.55	PO	for replacement and restringing of missing earth wire from loc.
Parly-Parly Extn-I	IntraState	05/07/2017	11.17	05/07/2017	17.05	PO	diagnostic testing work.
Padghe - Kamba	IntraState	05/07/2017	11.50	05/07/2017	12.18	T	vt fuse fail.
Butibori - VIPL Ckt II	IntraState	05/07/2017	13.31	05/07/2017	18.39	PO	Tan Delta Measurment of CTs
Solapur(Bale) - Tuljapur	IntraState	05/07/2017	14.02	05/07/2017	15.50	PO	removing of polythene.
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 kv 150MVA ICT II@ GCR Nashik	IntraState	05/07/2017	07.23	05/07/2017	10.30	T	bucolz relay,oil drain.

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