



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

**State Load Despatch Center,
Airoli**

**Daily system Report
for**

08/Sep/2019

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State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Sep/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	81.395	663.521	1) Gujrat	10.728	76.448
2) Hydro	27.503	103.302	2) Madhya Pradesh	-0.726	-0.875
3) Gas	0.000	14.128	3) Chattisgarh	3.330	17.930
Total MSPGCL	108.898	780.951	4) Maharashtra	98.286	894.441
B) 1) APML	41.626	396.709	5) Goa (Amona)	-0.770	-5.236
2) JSWEL	19.886	165.370	Total	110.848	982.708
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.951	181.350
4) RPL(AMT)	18.681	159.531	b) Mumbai Drawl	27.768	235.063
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	17.269	96.311
6) Other IPP	2.736	22.037	Include PX	4.643	-0.236
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.951	181.350
C) 1) TPCL Thermal	11.576	99.017	Include PX	4.980	72.304
2) TPCL Hydro	1.838	25.406	Standby	0.000	0.000
3) TPCL Gas	0.000	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.960	73.380	1) MSEDCL	330.797	2663.042
D) STATE			2) Mumbai Discoms	50.142	440.743
1) Thermal	184.860	1579.565	TOTAL STATE	380.939	3103.785
(A1+C1+C4+(B1-B6))					
2) Hydro	29.341	128.708			
(A2+C2)					
3) Gas	0.000	22.012			
(A3+B7+C3)					
4) Wind	52.301	357.530			
6) SOLAR	3.589	33.269			
TOTAL STATE	270.091	2121.084			

* 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 3 Hrs
MSPGCL Thermal	3399	3374	3591	3348
MSPGCL Hydro	1139	1078	1362	800
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	4538	4452	4953	4148
Central Sector Receipt	5484	4672	4979	3500
WIND	2457	2609	2138	2071
CPP / IPP Thermal	3365	3398	3662	3553
CPP / IPP Gas	0	0	0	0
SOLAR	483	550	0	0
Exchange with Mumbai	-1449	-1412	-1322	-904
MSEDCL DEMAND MET	14878	14269	14410	12368
Load Shedding	0	0	0	0
MSEDCL DEMAND	14878	14269	14410	12368
TPCL GENERATION	537	553	614	520
AEML GENERATION	373	373	372	373
MUMBAI DEMAND	2359	2338	2308	1797
STATE DEMAND MET	17237	16607	16718	14165
STATE DEMAND	17237	16607	16718	14165
Frequency (Hz)	50.05	50.06	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 12.33 Hrs	49.79 Hz at 18.13 Hrs	50.01	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 08/Sep/2019

Koyna Lake Level In Feet			
Current Year	Rise (+) / Fall (-)	Previous year	Rise (+) / Fall (-) with ref to previous year
2161.70	-0.60	2162.80	-1.10

Koyna Water Utilization for Water Year June 2019 - May 2020 As Per Krishna Award (TMC)					Rainfall (In mm) As on 08/Sep/2019				
	In TMC				Lake	Current Year		Prev. Year	
	Daily	Monthly	Yearly	Balance		For The Day	Total	For The Day	Total
Koyna I and II	0.084	0.471	5.715						
Koyna IV	0.394	1.064	3.060		Pophali	116	6271	7	4116
Total	0.478	1.535	8.775	58.725	Novaja	166	7466	14	5761
Last Year			8.455	59.045	Mahabaleshwar	121	6475	17	5074

Maximum During the Month				Koyna Water Utilization (in TMC)			
MSPGCL Thermal Gen.	93.816	Mus On Date	01/09/2019	During Gates Opened			
MSPGCL Total Gen.	108.898	Mus On Date	08/09/2019		Daily	Monthly	Yearly
MSEDCL Energy Catered	341.574	Mus On Date	05/09/2019	Koyna I & II	0.000	0.000	0
Mumbai Energy Catered	58.827	Mus On Date	03/09/2019	Koyna IV	0.000	0.000	0
State Energy Catered	399.631	Mus On Date	05/09/2019	Total	0.000	0.000	0
MSEDCL Peak Demand	15788	MW On Date	04/09/2019	FOR LAST YEAR			
State Peak Demand	18578	MW On Date	04/09/2019				0
Maximum During the Financial Year							
MSEDCL Energy Catered	452.555	Mus On Date	23/05/2019				
Mumbai Energy Catered	72.435	Mus On Date	10/06/2019				
State Energy Catered	522.116	Mus On Date	23/05/2019				
State Peak Demand	23613	MW On Date	23/05/2019				

Voltage Profile at 400 KV Level for 08/09/2019

Maximum Voltage			Minimum Voltage		
Substation	KV	Time	Substation	KV	Time
400 KV KALWA	437	05.00	400 KV PADGHA	400	11.00

Load Shedding in Mus for 08/09/2019

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 08/Sep/2019						
Power Station	Coal			OIL		
	Receipt (In MT)	Consumption (In MT)	Balance Stock Days	FO	LDO	LSHS
Bhusawal Unit 3	605.00	0.00	1.00	0.00	0.00	0.00
Bhusawal Unit 4	1648.00	3420.00	0.50	0.00	0.00	0.00
Bhusawal Unit 5	1648.00	3420.00	0.50	0.00	0.00	0.00
Chandrapur Unit 3 to 7	12308.06	13993.70	0.90	87.22	0.00	0.00
Chandrapur Unit 8 and 9	12308.06	13993.70	0.90	87.22	0.00	0.00
Khaparkheda Unit 1 to 4	5917.02	8126.16	0.12	51.00	0.00	0.00
Khaparkheda Unit 5	4487.27	5592.60	1.22	35.38	0.00	0.00
Koradi Unit 6 to 7	779.00	0.00	5.00	0.00	0.00	0.00
Koradi Unit 8 to 10	10720.00	6106.00	5.00	121.22	0.00	0.00
Nasik	0.00	5784.00	3.43	22.00	5.00	0.00
Paras	0.00	3434.00	3.09	63.08	0.00	0.00
Parli Unit 3 to 5	0.00	0.00	0.00	0.00	0.00	0.00
Parli Unit 6 and 7	0.00	7379.00	9.00	0.00	0.00	0.00
Parli Unit 8	0.00	0.00	19.00	0.00	0.00	0.00
Total	50420.40	71249.16		467.11	5.00	0.00

Coal And Oil Position for IPP Power Stations for 08/Sep/2019						
Power Station	Coal			OIL		
	Receipt (In MT)	Consumption (In MT)	Balance Stock Days	FO	LDO	LSHS
APML, TIRORA	31200.00	29937.00	1.53	419.00	291.00	0.00
JSWEL	0.00	2188.14	43.00	144.67	126.13	0.00
RPL (AMT)	11735.60	13244.50	23.74	0.00	0.00	0.00

Daily and Progressive Generation,Maximum,Minimum for 08/Sep/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	10.19	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	6.43	18.02	350	95
Unit 10	0.00	17.77	0	0
Total	6.43	45.98		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	8.55	73.51	390	350
Unit 5	0.00	0.00	0	0
Total	8.55	76.42		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.76	38.36	213	186
Unit 7	4.70	38.03	202	191
Unit 8	0.00	0.00	0	0
Total	9.46	76.39		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	2.98	24.35	153	110
Unit 5	6.66	55.04	300	240
Unit 6	5.80	48.34	280	215
Unit 7	0.00	0.00	0	0
Unit 8	8.21	55.22	350	325
Unit 9	7.68	52.08	350	280
Total	31.33	235.03		
Paras				
Unit 3	3.44	23.74	183	125
Unit 4	0.00	0.00	0	0
Total	3.44	23.74		
Khaparkheda				
Unit 1	2.74	22.19	130	90
Unit 2	0.00	0.00	0	0
Unit 3	3.15	25.98	147	109
Unit 4	3.28	26.64	150	125
Unit 5	6.21	59.46	300	230
Total	15.39	134.28		
Nasik				
Unit 3	0.00	18.92	0	0
Unit 4	3.37	26.67	164	118
Unit 5	3.43	26.09	156	106
Total	6.80	71.68		
Uran				
All Units	0.00	14.13	0	0
Total	0.00	14.13		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.12	0.48	46	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	0.48		
Koyna				
Stage 1-2	3.08	17.18	495	40
Stage 4	15.25	40.19	750	394
Stage 3	5.52	22.52	240	206
Total	23.84	79.89		
Hydro				
KDPH	0.77	6.37	32	32
VTRNA	0.00	0.00	0	0
TILLARI	1.08	4.92	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.49	3.33	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	2.76	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.98	6.03	41	40
GHATGHAR	0.00	0.00	0	0
Total	3.66	23.42		
Wind				
Total	52.30	357.53	0	0
Total	52.30	357.53		
CPP				
APML(Mus)	41.63	396.71	0	0
JSWEL(Mus)	19.89	165.37	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	18.68	159.53	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.74	22.04	0	0
Total	82.93	743.65		
SOLAR				
Total	3.59	33.27	0	0
Total	3.59	33.27		
Tata				
Trombay 5	7.00	60.92	316	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	4.66	0	0
Trombay 7B	0.00	3.22	0	0
Trombay 8	4.58	38.09	200	182
TATA Hydro	1.84	25.41	144	4
Total	13.41	132.31		
AEML				
DTPS U-1&2	8.96	73.38	375	372
Total	8.96	73.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	81.40	663.52	MSPGCL Total	108.90	780.95
			MSPGCL Thml+Gas	81.40	677.65	Koyna 1,2 & 4 Total	18.32	57.37
			MSPGCL Hydro	27.50	103.30	State Total	270.09	2121.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/Sep/2019

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	3282	1044	0	4326	2205	3533	0	0	4224	3886	-1079	12871	0	12871	2015	14886	50.03
2	3279	1064	0	4343	2145	3538	0	0	3697	3583	-974	12635	0	12635	1893	14528	50.03
3	3348	800	0	4148	2071	3553	0	0	3609	3500	-904	12368	0	12368	1797	14165	50.01
4	3322	807	0	4129	2027	3523	0	0	3581	3805	-873	12611	0	12611	1740	14351	50.02
5	3354	900	0	4254	2008	3561	0	0	4018	3956	-856	12923	0	12923	1723	14646	50.02
6	3401	852	0	4253	2055	3568	0	0	4732	4764	-915	13725	0	13725	1784	15509	50.04
7	3473	897	0	4370	2171	3614	0	19	5667	5410	-942	14642	0	14642	1822	16464	50.04
8	3404	1075	0	4479	2165	3550	0	125	5566	5653	-999	14973	0	14973	1883	16856	50.01
9	3374	1137	0	4511	2182	3498	0	247	5528	5559	-1095	14902	0	14902	2003	16905	50.01
10	3408	1139	0	4547	2209	3460	0	331	5510	5689	-1255	14981	0	14981	2161	17142	50.02
11	3386	1169	0	4555	2368	3433	0	409	5508	5464	-1381	14848	0	14848	2293	17141	50.02
12	3399	1139	0	4538	2457	3365	0	483	5502	5484	-1449	14878	0	14878	2359	17237	50.05
13	3374	1078	0	4452	2609	3398	0	550	5123	4672	-1412	14269	0	14269	2338	16607	50.06
14	3335	1053	0	4388	2488	3310	0	498	4410	4361	-1318	13727	0	13727	2254	15981	50.05
15	3302	1180	0	4482	2484	3326	0	441	4106	4332	-1242	13823	0	13823	2207	16030	50.04
16	3352	1177	0	4529	2745	3369	0	290	3972	4038	-1174	13797	0	13797	2155	15952	50.03
17	3424	1240	0	4664	2327	3362	0	151	3893	4056	-1150	13410	0	13410	2112	15522	50.03
18	3471	1461	0	4932	2088	3414	0	45	3966	4125	-1157	13447	0	13447	2127	15574	49.99
19	3474	1613	0	5087	2076	3462	0	0	4654	4817	-1256	14186	0	14186	2235	16421	49.91
20	3591	1362	0	4953	2138	3662	0	0	5127	4979	-1322	14410	0	14410	2308	16718	49.98
21	3464	1090	0	4554	2077	3480	0	0	5007	4937	-1315	13733	0	13733	2301	16034	50.01
22	3451	1458	0	4909	1751	3321	0	0	4748	4857	-1280	13558	0	13558	2266	15824	49.99
23	3405	1420	0	4825	1732	3320	0	0	4612	4498	-1244	13131	0	13131	2223	15354	49.94
24	3322	1348	0	4670	1723	3309	0	0	4243	4423	-1176	12949	0	12949	2143	15092	50.00
MUs	81.40	27.50	0.00	108.90	52.30	82.93	0.00	3.59	111.00	110.85	-27.77	330.80	0.00	330.80	50.14	380.94	50.01

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 08/Sep/2019

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	109.77	-7.19	0.00	371.95	474.54	206.14	0.34	0.00	191.31	469.96	867.74	218.93
2	109.77	-7.19	0.00	367.90	470.49	121.55	0.34	0.00	160.73	472.11	754.73	220.24
3	109.77	-6.98	0.00	386.76	489.55	87.18	0.34	0.00	126.45	473.90	687.86	221.59
4	109.77	-6.98	0.00	355.45	458.24	60.34	0.34	0.00	129.16	473.61	663.44	219.86
5	109.77	-6.98	0.00	396.44	499.23	69.73	0.34	0.00	126.45	473.58	670.10	218.73
6	109.77	-6.98	49.32	376.42	528.54	95.29	0.36	0.00	126.44	472.09	694.19	219.58
7	112.69	-7.35	766.46	370.86	1242.66	109.86	0.34	0.00	126.43	477.30	713.93	225.36
8	146.92	-9.07	988.39	366.57	1492.81	112.68	0.34	0.00	171.56	473.42	758.00	236.26
9	190.73	-11.37	815.78	352.22	1347.35	164.92	0.35	0.00	249.24	482.96	897.46	241.34
10	239.17	-13.46	593.84	333.91	1153.45	259.29	0.44	0.00	295.85	487.45	1043.02	241.58
11	274.01	-13.90	593.84	379.41	1233.35	336.24	0.52	0.00	321.49	507.00	1165.24	232.46
12	295.78	-14.50	569.17	337.79	1188.24	351.99	0.56	0.00	325.44	514.01	1192.00	228.36
13	305.60	-14.03	248.59	358.52	898.66	316.19	0.54	0.00	328.65	517.41	1162.79	232.20
14	301.88	-13.32	1.97	335.20	625.73	265.26	0.40	0.00	308.70	506.90	1081.26	234.31
15	280.84	-12.13	1.97	358.75	629.42	249.90	0.42	0.00	283.79	506.11	1040.23	234.63
16	250.65	-10.69	1.97	347.55	589.48	229.10	0.44	0.00	257.89	472.05	959.48	237.02
17	211.28	-9.21	1.97	328.96	533.00	216.09	0.44	0.00	223.37	485.42	925.32	243.61
18	159.86	-8.33	1.97	364.93	518.42	210.96	0.42	0.00	226.08	461.67	899.13	245.88
19	121.29	-7.27	1.97	360.03	476.02	268.63	0.42	0.00	193.28	491.45	953.79	239.55
20	109.77	-7.19	1.97	351.95	456.50	315.49	0.36	0.00	163.69	481.65	961.19	156.41
21	109.77	-7.19	1.97	379.32	483.87	335.63	0.36	0.00	136.32	468.04	940.34	142.76
22	109.77	-7.19	1.97	398.04	502.60	334.70	0.34	0.00	144.95	454.42	934.41	238.92
23	109.77	-7.19	0.00	390.30	492.88	352.02	0.34	0.00	155.30	472.34	980.00	237.89
24	109.77	-6.98	0.00	381.32	484.12	328.04	0.34	0.00	207.58	469.74	1005.71	229.15
MUs	4.098	-0.223	4.643	8.751	17.269	5.397	0.009	0.000	4.980	11.565	21.951	5.397

Central Sector Share Receipt Statement for 08/Sep/2019

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	3505	719	4224	3886	-338	50.03
2	3092	605	3697	3583	-114	50.03
3	3071	538	3609	3500	-109	50.01
4	3069	512	3581	3805	224	50.02
5	3500	518	4018	3956	-62	50.02
6	4138	594	4732	4764	32	50.04
7	4333	1334	5667	5410	-257	50.04
8	3919	1647	5566	5653	87	50.01
9	3877	1651	5528	5559	31	50.01
10	3893	1617	5510	5689	179	50.02
11	3763	1745	5508	5464	-44	50.02
12	3745	1757	5502	5484	-18	50.05
13	3705	1418	5123	4672	-451	50.06
14	3311	1099	4410	4361	-49	50.05
15	3067	1039	4106	4332	226	50.04
16	3006	966	3972	4038	66	50.03
17	3005	888	3893	4056	163	50.03
18	3129	837	3966	4125	159	49.99
19	3836	818	4654	4817	163	49.91
20	4387	740	5127	4979	-148	49.98
21	4287	720	5007	4937	-70	50.01
22	3925	823	4748	4857	109	49.99
23	3764	848	4612	4498	-114	49.94
24	3375	868	4243	4423	180	50.00
Mus	86.70	24.30	111.00	110.85	-0.16	50.01

Central Sector Share & Drawal Summary (in Mus)		
	Daily	Monthly
Central Sector Share	111.00	988.61
Receipt from Central Sector	86.55	802.74
Bilateral Purchase	24.30	180.02
Total Central Sector Receipt with Bilateral Purchase	110.85	982.76
Over Drawal (+) / Under Drawal (-)	-0.16	-5.85

Frequency Range Wise Analysis			
Frequency Range	C.S.Share (Mus)	C.S. Receipt (Mus)	Over(+) / Under(-) Drawal
Above 50.05	5.12	4.67	-0.45
49.9 to 50.05	105.88	106.18	0.30
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 08/Sep/2019

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	Parli (PG) Net	400 KV Padgha (Net)	Dhule(BD) - Dhule(M)	Kolhapur(M) - Kolhapur
1	-20	360	340	-16	0	-40	0	-56	90	-44	170	-174	401	470	260	340
2	-43	300	257	-22	0	-60	0	-82	90	-44	180	-214	381	370	260	390
3	-45	290	245	-18	0	-50	0	-68	110	-44	220	-233	360	380	240	310
4	-19	360	341	-9	0	-30	0	-39	110	-44	230	-202	373	460	260	200
5	-7	370	363	-7	0	-30	0	-37	110	-22	210	-207	455	480	280	230
6	12	430	442	0	0	-20	0	-20	140	-44	270	-87	569	520	310	200
7	35	470	505	7	0	10	0	17	170	-44	350	16	705	600	350	180
8	43	510	553	10	0	40	0	50	190	-44	370	37	676	640	360	100
9	43	480	523	12	0	30	0	42	170	-44	360	46	608	630	320	140
10	43	470	513	11	0	20	0	31	170	-22	340	-9	574	650	340	200
11	44	440	484	13	0	20	0	33	170	-22	350	-49	426	650	330	240
12	29	400	429	8	0	0	0	8	160	-22	290	-40	475	600	330	340
13	19	350	369	1	0	-30	0	-29	140	-44	260	-155	399	560	250	360
14	18	350	368	-3	0	-30	0	-33	140	-22	280	-231	364	530	250	270
15	9	360	369	-3	0	-50	0	-53	130	-22	280	-173	362	520	160	250
16	15	520	535	-3	0	-40	0	-43	150	-22	270	-237	333	520	100	110
17	4	530	534	-1	0	-40	0	-41	150	-22	270	-217	359	490	130	40
18	-8	520	512	-7	0	-40	-3	-50	130	-44	260	-183	443	470	140	120
19	3	540	543	5	0	0	-17	-12	140	-22	300	-69	527	500	180	220
20	-7	490	483	-14	0	-50	-40	-104	120	-22	280	-14	574	490	220	280
21	6	500	506	-7	0	-70	-46	-123	140	-22	260	-29	515	530	220	280
22	3	520	523	1	0	-30	-11	-40	130	-22	50	96	488	540	220	190
23	-11	510	499	-2	0	-30	0	-32	140	-44	-10	88	495	490	210	150
24	-8	500	492	-5	0	-40	0	-45	140	-22	-50	117	457	480	200	180
Mus	0.16	10.57	10.73	-0.05	0.00	-0.56	-0.12	-0.73	3.33	-0.77	5.79	-2.12	11.32	12.57	5.92	5.32

Time	Maharashtra (PG)								Total Exchange
	400 KV Auranga-bad Net	Solapur (PG) Net	Talegaon (PG) Net	400 KV Pune (PG) GIS	400 KV Dabhol Net	220 KV Boisar (PG) Net	220 KV Tarapur Net	Total	
1	261	32	900	-190	472	521	93	3556	3886
2	317	-12	815	-182	492	487	78	3362	3583
3	229	90	851	-190	417	495	88	3257	3500
4	201	160	910	-190	443	493	99	3437	3805
5	238	133	876	-182	437	487	105	3542	3956
6	352	242	955	-210	481	522	122	4246	4764
7	311	363	1049	-193	335	549	147	4762	5410
8	344	346	1113	-236	438	568	148	4904	5653
9	319	301	1162	-236	458	607	153	4868	5559
10	324	303	1300	-276	388	682	181	4997	5689
11	325	233	1319	-294	433	671	165	4799	5464
12	371	277	1277	-294	440	674	169	4909	5484
13	237	194	1179	-254	419	631	156	4236	4672
14	238	210	1114	-244	380	609	138	3908	4361
15	242	228	1123	-248	452	582	130	3908	4332
16	179	196	1072	-254	369	621	139	3418	4038
17	189	227	1068	-254	402	601	130	3435	4056
18	268	119	1004	-240	466	589	121	3577	4125
19	295	132	1055	-236	501	621	142	4168	4817
20	306	250	1106	-232	468	623	151	4502	4979
21	341	145	1082	-222	548	621	145	4436	4937
22	399	210	1013	-240	560	601	139	4266	4857
23	230	243	1051	-190	464	582	132	3935	4498
24	369	183	997	-229	491	547	116	3858	4423
Mus	6.89	4.80	25.39	-5.52	10.75	13.98	3.19	98.29	110.85

Time	HVDC Flow I	HVDC Flow II	Total HVDC	Chikodi Export
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
Mus	0.00	0.00	0.00	0.00

Mumbai Schedul e	Mumbai Net Exchang e
-868	-1079
-755	-974
-688	-904
-663	-873
-670	-856
-694	-915
-714	-942
-758	-999
-897	-1095
-1043	-1255
-1165	-1381
-1192	-1449
-1163	-1412
-1081	-1318
-1040	-1242
-959	-1174
-925	-1150
-899	-1157
-954	-1256
-961	-1322
-940	-1315
-934	-1280
-980	-1244
-1006	-1176
-21.95	-27.77

State Load Despatch Center, Airoli (MSETCL)

Hourly Generation Details for 08/Sep/2019

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-6	U-7	U-8	U-9	U-10	
1	105	0	146	150	300	701	0	114	273	276	0	325	303	1291	0	0	0	95	0	
2	90	0	140	150	300	680	0	112	260	270	0	325	306	1273	0	0	0	145	0	
3	90	0	139	150	300	679	0	110	265	270	0	325	305	1275	0	0	0	190	0	
4	100	0	140	150	300	690	0	110	265	265	0	325	312	1277	0	0	0	187	0	
5	120	0	140	146	290	696	0	110	260	265	0	325	314	1274	0	0	0	223	0	
6	120	0	140	146	285	691	0	110	260	265	0	348	315	1298	0	0	0	245	0	
7	120	0	132	140	285	677	0	110	275	275	0	348	313	1321	0	0	0	317	0	
8	130	0	141	135	250	656	0	115	275	270	0	348	321	1329	0	0	0	234	0	
9	130	0	141	140	250	661	0	117	280	280	0	350	316	1343	0	0	0	221	0	
10	130	0	147	140	250	667	0	117	280	235	0	350	306	1288	0	0	0	280	0	
11	125	0	135	140	240	640	0	117	280	220	0	350	306	1273	0	0	0	295	0	
12	125	0	130	135	240	630	0	117	290	230	0	350	304	1291	0	0	0	310	0	
13	120	0	124	135	230	609	0	117	290	225	0	350	290	1272	0	0	0	335	0	
14	110	0	114	130	230	584	0	117	290	230	0	350	280	1267	0	0	0	350	0	
15	105	0	109	130	230	574	0	117	290	230	0	350	306	1293	0	0	0	280	0	
16	110	0	115	130	230	585	0	125	300	235	0	345	345	1350	0	0	0	280	0	
17	130	0	120	130	250	630	0	141	260	220	0	345	350	1316	0	0	0	288	0	
18	125	0	120	130	250	625	0	153	240	220	0	345	350	1308	0	0	0	329	0	
19	110	0	120	130	250	610	0	153	240	230	0	345	350	1318	0	0	0	336	0	
20	110	0	145	130	250	635	0	153	300	220	0	345	350	1368	0	0	0	338	0	
21	105	0	142	130	250	627	0	126	300	220	0	345	345	1336	0	0	0	296	0	
22	110	0	130	130	260	630	0	150	300	215	0	345	330	1340	0	0	0	287	0	
23	110	0	130	130	250	620	0	133	295	215	0	338	331	1312	0	0	0	278	0	
24	110	0	110	125	244	589	0	134	291	222	0	337	330	1314	0	0	0	288	0	
Mus	2.74	0.00	3.15	3.28	6.21	15.39	0.00	2.98	6.66	5.80	0.00	8.21	7.68	31.33	0.00	0.00	0.00	6.43	0.00	

Time	MSPGCL Thermal Generation																
	Koradi	Bhusawal				Nasik				Parali						Paras	
	Total	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	95	0	355	0	355	0	163	146	309	0	0	198	198	0	396	135	0
2	145	0	355	0	355	0	156	139	295	0	0	198	198	0	396	135	0
3	190	0	360	0	360	0	157	156	313	0	0	198	198	0	396	135	0
4	187	0	360	0	360	0	140	137	277	0	0	198	198	0	396	135	0
5	223	0	360	0	360	0	133	137	270	0	0	198	198	0	396	135	0
6	245	0	355	0	355	0	135	146	281	0	0	198	198	0	396	135	0
7	317	0	355	0	355	0	133	139	272	0	0	198	198	0	396	135	0
8	234	0	355	0	355	0	146	149	295	0	0	198	202	0	400	135	0
9	221	0	350	0	350	0	140	140	280	0	0	200	194	0	394	125	0
10	280	0	350	0	350	0	164	145	309	0	0	191	198	0	389	125	0
11	295	0	350	0	350	0	153	155	308	0	0	193	202	0	395	125	0
12	310	0	350	0	350	0	153	150	303	0	0	196	194	0	390	125	0
13	335	0	355	0	355	0	153	140	293	0	0	194	191	0	385	125	0
14	350	0	355	0	355	0	122	142	264	0	0	196	194	0	390	125	0
15	280	0	350	0	350	0	133	140	273	0	0	213	194	0	407	125	0
16	280	0	350	0	350	0	118	140	258	0	0	191	191	0	382	147	0
17	288	0	350	0	350	0	134	144	278	0	0	204	198	0	402	160	0
18	329	0	355	0	355	0	139	146	285	0	0	211	198	0	409	160	0
19	336	0	370	0	370	0	138	145	283	0	0	186	191	0	377	180	0
20	338	0	390	0	390	0	142	145	287	0	0	202	191	0	393	180	0
21	296	0	370	0	370	0	144	145	289	0	0	205	191	0	396	150	0
22	287	0	350	0	350	0	125	155	280	0	0	196	198	0	394	170	0
23	278	0	350	0	350	0	127	143	270	0	0	201	191	0	392	183	0
24	288	0	350	0	350	0	126	106	232	0	0	200	194	0	394	155	0
Mus	6.43	0.00	8.55	0.00	8.55	0.00	3.37	3.43	6.80	0.00	0.00	4.76	4.70	0.00	9.46	3.44	0.00

State Load Despatch Center,Airoli (MSETCL)

Hourly Generation Details for 08/Sep/2019

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	Small Hydr o	Bhat ghar/ Veer	Rdna gri/ Bhat	Eldar y			
			Stage 1&2	Stg. 4	Stage 1,2,4	Stg. 3														
1	135	3282	45	613	658	240	898	32	0	60	0	0	14	40	0	0	0	1044	0	0
2	135	3279	40	638	678	240	918	32	0	60	0	0	14	40	0	0	0	1064	0	0
3	135	3348	40	394	434	220	654	32	0	60	0	0	14	40	0	0	0	800	0	0
4	135	3322	45	408	453	208	661	32	0	60	0	0	14	40	0	0	0	807	0	0
5	135	3354	50	495	545	208	753	32	0	60	0	0	14	41	0	0	0	900	0	0
6	135	3401	45	451	496	206	702	32	0	60	3	0	14	41	0	0	0	852	0	0
7	135	3473	40	456	496	214	710	32	0	60	40	0	14	41	0	0	0	897	0	0
8	135	3404	45	617	662	226	888	32	0	60	40	0	14	41	0	0	0	1075	0	0
9	125	3374	50	660	710	240	950	32	0	60	40	0	14	41	0	0	0	1137	0	0
10	125	3408	40	670	710	240	950	32	0	62	40	0	14	41	0	0	0	1139	0	0
11	125	3386	40	700	740	240	980	32	0	62	40	0	14	41	0	0	0	1169	0	0
12	125	3399	50	660	710	240	950	32	0	62	40	0	14	41	0	0	0	1139	0	0
13	125	3374	45	620	665	226	891	32	0	60	40	0	14	41	0	0	0	1078	0	0
14	125	3335	40	610	650	216	866	32	0	60	40	0	14	41	0	0	0	1053	0	0
15	125	3302	60	706	766	230	996	32	0	60	37	0	14	41	0	0	0	1180	0	0
16	147	3352	70	720	790	240	1030	32	0	60	0	0	14	41	0	0	0	1177	0	0
17	160	3424	100	750	850	240	1090	32	0	62	0	0	15	41	0	0	0	1240	0	0
18	160	3471	320	745	1065	240	1305	32	0	48	20	0	15	41	0	0	0	1461	0	3
19	180	3474	495	750	1245	240	1485	32	0	0	40	0	15	41	0	0	0	1613	0	17
20	180	3591	345	669	1014	220	1234	32	0	0	40	0	15	41	0	0	0	1362	0	40
21	150	3464	70	673	743	226	969	32	0	0	33	0	15	41	0	0	0	1090	0	46
22	170	3451	380	750	1130	240	1370	32	0	0	0	0	15	41	0	0	0	1458	0	11
23	183	3405	350	742	1092	240	1332	32	0	0	0	0	15	41	0	0	0	1420	0	0
24	155	3322	270	750	1020	240	1260	32	0	0	0	0	15	41	0	0	0	1348	0	0
Mus	3.44	81.40	3.07	15.25	18.32	5.52	23.84	0.77	0.00	1.08	0.49	0.00	0.34	0.98	0.00	0.00	0.00	27.50	0.00	0.12

Time	TPCL							AEML 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	75	291	0	0	0	195	561	375	0	0	2205	3533	0	11000
2	59	290	0	0	0	195	544	375	0	0	2145	3538	0	10945
3	33	291	0	0	0	196	520	373	0	0	2071	3553	0	10665
4	6	290	0	0	0	196	492	375	0	0	2027	3523	0	10546
5	4	290	0	0	0	198	492	375	0	0	2008	3561	0	10690
6	6	290	0	0	0	199	495	374	0	0	2055	3568	0	10745
7	18	290	0	0	0	199	507	373	0	0	2171	3614	19	11054
8	18	293	0	0	0	200	511	373	0	0	2165	3550	125	11203
9	18	316	0	0	0	200	534	374	0	0	2182	3498	247	11346
10	18	316	0	0	0	200	534	372	0	0	2209	3460	331	11453
11	26	314	0	0	0	199	539	373	0	0	2368	3433	409	11677
12	46	298	0	0	0	193	537	373	0	0	2457	3365	483	11753
13	81	286	0	0	0	186	553	373	0	0	2609	3398	550	11935
14	95	285	0	0	0	184	564	372	0	0	2488	3310	498	11620
15	123	286	0	0	0	182	591	374	0	0	2484	3326	441	11698
16	139	286	0	0	0	183	608	373	0	0	2745	3369	290	11914
17	121	285	0	0	0	184	590	372	0	0	2327	3362	151	11466
18	126	287	0	0	0	184	597	373	0	0	2088	3414	45	11449
19	133	286	0	0	0	186	605	374	0	0	2076	3462	0	11604
20	141	286	0	0	0	187	614	372	0	0	2138	3662	0	11739
21	144	285	0	0	0	184	613	373	0	0	2077	3480	0	11097
22	144	285	0	0	0	184	613	373	0	0	1751	3321	0	10967
23	138	285	0	0	0	183	606	373	0	0	1732	3320	0	10856
24	126	285	0	0	0	183	594	373	0	0	1723	3309	0	10669
Mus	1.84	7.00	0.00	0.00	0.00	4.58	13.41	8.96	0.00	0.00	52.30	82.93	3.59	270.09

State Load Despatch Center,Airoli (MSETCL) Annexure-5.2
Hourly Generation Details of IPP/CPP for 08/Sep/2019

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	411	454	0	487	489	1841	219	158	214	226	817	0	191	191	192	190	764
2	412	454	0	488	488	1842	220	160	211	226	817	0	192	193	191	191	767
3	411	454	0	488	490	1843	220	159	215	240	834	0	192	192	192	190	766
4	411	455	0	488	489	1843	220	159	207	218	804	0	191	192	191	190	764
5	411	455	0	488	488	1842	220	159	219	248	846	0	191	191	191	191	764
6	411	455	0	487	490	1843	244	159	216	231	850	0	191	192	192	191	766
7	412	454	0	484	489	1839	307	159	217	224	907	0	191	191	192	191	765
8	417	454	0	474	489	1834	242	159	213	223	837	0	191	192	191	189	763
9	412	454	0	470	485	1821	220	159	201	221	801	0	192	192	191	191	766
10	403	453	0	470	478	1804	220	158	187	215	780	0	193	192	191	191	767
11	414	437	0	445	442	1738	219	157	204	239	819	0	193	191	191	191	766
12	390	434	0	445	439	1708	221	157	189	213	780	0	190	192	191	188	761
13	383	436	0	457	443	1719	220	157	196	225	798	0	190	192	191	192	765
14	390	436	0	415	412	1653	221	157	188	209	775	0	191	192	190	192	765
15	391	436	0	415	404	1646	220	157	204	218	799	0	191	191	194	191	767
16	385	413	0	453	449	1700	219	157	198	212	786	0	191	192	192	192	767
17	390	401	0	464	457	1712	219	157	193	198	767	0	190	191	192	194	767
18	390	402	0	472	462	1726	220	158	211	215	804	0	190	191	193	192	766
19	392	405	0	439	430	1666	241	165	204	212	822	0	205	244	192	216	857
20	394	405	0	405	400	1604	312	230	195	244	981	0	253	226	247	232	958
21	390	403	0	404	400	1597	251	255	204	253	963	0	206	191	211	192	800
22	393	404	0	405	396	1598	219	228	164	231	842	0	190	191	192	190	763
23	398	402	0	405	400	1605	220	230	158	225	833	0	190	191	191	191	763
24	396	403	0	405	398	1602	220	222	151	231	824	0	191	191	191	191	764
Mus	9.607	10.35	0.000	10.85	10.80	41.626	5.554	4.176	4.759	5.397	19.886	0.000	4.676	4.684	4.672	4.649	18.681

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	0	0	0	0	0	0	0	0	17	9	74	11	111	3533
2	0	0	0	0	0	0	0	0	0	17	11	74	10	112	3538
3	0	0	0	0	0	0	0	0	0	17	8	74	11	110	3553
4	0	0	0	0	0	0	0	0	0	17	11	74	10	112	3523
5	0	0	0	0	0	0	0	0	0	17	8	74	10	109	3561
6	0	0	0	0	0	0	0	0	0	17	8	74	10	109	3568
7	0	0	0	0	0	0	0	0	0	17	8	74	4	103	3614
8	0	0	0	0	0	0	0	0	0	17	9	74	16	116	3550
9	0	0	0	0	0	0	0	0	0	17	8	74	11	110	3498
10	0	0	0	0	0	0	0	0	0	17	7	74	11	109	3460
11	0	0	0	0	0	0	0	0	0	17	8	74	11	110	3433
12	0	0	0	0	0	0	0	0	6	17	8	74	11	116	3365
13	0	0	0	0	0	0	0	0	5	17	9	74	11	116	3398
14	0	0	0	0	0	0	0	0	6	17	9	74	11	117	3310
15	0	0	0	0	0	0	0	0	6	17	6	74	11	114	3326
16	0	0	0	0	0	0	0	0	6	17	8	74	11	116	3369
17	0	0	0	0	0	0	0	0	7	17	8	74	10	116	3362
18	0	0	0	0	0	0	0	0	8	17	8	74	11	118	3414
19	0	0	0	0	0	0	0	0	8	17	8	74	10	117	3462
20	0	0	0	0	0	0	0	0	8	17	8	74	12	119	3662
21	0	0	0	0	0	0	0	0	8	17	9	74	12	120	3480
22	0	0	0	0	0	0	0	0	8	17	8	74	11	118	3321
23	0	0	0	0	0	0	0	0	7	18	9	74	11	119	3320
24	0	0	0	0	0	0	0	0	7	18	9	74	11	119	3309
Mus	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.090	0.410	0.202	1.776	0.258	2.736	82.929

State Load Despatch Center, Airoli (MSETCL) **Annexure-5.3**

Zonewise Hourly Generation Details of SOLAR for 08/Sep/2019

TIME	Amravati	Aurangabad	Karad	Nagpur	Nashik	Pune	Total
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	0	8	1	0	6	4	19
8	1	40	12	2	56	14	125
9	1	82	20	3	105	36	247
10	1	112	31	3	133	51	331
11	1	135	38	5	165	65	409
12	2	134	55	6	204	82	483
13	2	125	63	6	283	71	550
14	2	137	72	8	216	63	498
15	4	126	35	6	219	51	441
16	2	105	25	7	109	42	290
17	1	60	16	3	44	27	151
18	1	13	6	1	16	8	45
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
Total	0.02	1.08	0.37	0.05	1.56	0.51	3.59

Zonewise Hourly Generation Details of WIND for 08/Sep/2019

TIME				
	Wind Karad	Wind Nashik	Wind Pune	Total
1	1825	312	68	2205
2	1851	224	70	2145
3	1731	279	61	2071
4	1675	270	82	2027
5	1656	275	77	2008
6	1672	313	70	2055
7	1707	390	74	2171
8	1718	369	78	2165
9	1731	391	60	2182
10	1701	432	76	2209
11	1858	414	96	2368
12	1923	451	83	2457
13	2029	475	105	2609
14	1843	556	89	2488
15	1875	529	80	2484
16	1947	730	68	2745
17	1888	382	57	2327
18	1741	305	42	2088
19	1740	302	34	2076
20	1760	341	37	2138
21	1741	264	72	2077
22	1459	242	50	1751
23	1495	182	55	1732
24	1504	169	50	1723
Total	42.07	8.60	1.63	52.30

765KV/400KV Voltage Profile of Maharashtra System for the date 08/Sep/2019

Name of Substation	MAXIMUM		MINIMUM	
	Voltage (in KV)	At Time (Hrs)	Voltage (in KV)	At Time (Hrs)
765KV TIRORA	773	02.00	765	08.00
765KV KORADI-III	779	22.00	772	07.00
765KV AKOLA	793	22.00	763	10.00
765 KV EKTUNI	795	02.00	781	11.00
400KV NANDGAON PETH	432	23.00	427	07.00
400KV LONIKAND-II	424	03.00	403	11.00
400KV KORADI-II	420	22.00	413	07.00
400KV KHAPERKHEDA	430	04.00	426	19.00
400KV JAIGAD	425	03.00	413	11.00
400KV DEEPNAGAR	430	02.00	415	11.00
400KV CHANDRAPUR-II	435	14.00	431	07.00
400KV AKOLA-II	427	22.00	422	10.00
400 KV WARORA	427	14.00	422	06.00
400 KV TAPTITANDA	421	02.00	412	11.00
400 KV PARLI	424	02.00	414	11.00
400 KV PADGHA	429	05.00	400	11.00
400 KV NEW KOYNA	430	02.00	413	11.00
400 KV NANDED	437	02.00	429	10.00
400 KV NAGOTHANE	424	05.00	409	11.00
400 KV LONIKAND-I	425	05.00	405	11.00
400 KV LAMBOTI	417	22.00	403	11.00
400 KV KORADI-I	432	04.00	427	09.00
400 KV KOLHAPUR	427	03.00	408	12.00
400 KV KHARGHAR	425	04.00	403	11.00
400 KV KARAD	431	04.00	415	11.00
400 KV KALWA	437	05.00	403	11.00
400 KV JEJURI	423	04.00	403	11.00
400 KV DHULE	430	04.00	419	11.00
400 KV CHANDRAPUR-I	432	14.00	425	07.00
400 KV CHAKAN	425	04.00	402	11.00
400 KV BHUSAWAL	429	02.00	421	11.00
400 KV BABHALESHWAR	425	00.00	412	11.00
400 KV AURANGABAD	430	04.00	419	11.00
400 KV AKOLA-I	427	21.00	416	10.00

State Load Despatch Center,Airoli (MSETCL)
400KV Voltage Profile of Maharashtra System for the date 08/Sep/2019

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	427	21.00
2	400 KV AURANGABAD	430	04.00
3	400 KV BABHALESHWAR	425	00.00
4	400 KV BHUSAWAL	429	02.00
5	400 KV CHAKAN	425	04.00
6	400 KV DHULE	430	04.00
7	400 KV JEJURI	423	04.00
8	400 KV KHARGHAR	425	04.00
9	400 KV KOLHAPUR	427	03.00
10	400 KV LONIKAND-I	425	05.00
11	400 KV NAGOTHANE	424	05.00
12	400 KV NEW KOYNA	430	02.00
13	400 KV PADGHA	429	05.00
14	400 KV PARLI	424	02.00
15	400 KV TAPTITANDA	421	02.00
16	400 KV WARORA	427	14.00
17	400KV AKOLA-II	427	22.00
18	400KV DEEPNAGAR	430	02.00
19	400KV JAIGAD	425	03.00
20	400KV KHAPERKHEDA	430	04.00
21	400KV KORADI-II	420	22.00
22	400KV LONIKAND-II	424	03.00

Voltage Range above 430 KV			
Sr No	Name of Substation	Voltage (in KV)	At Time (Hrs)
1	400 KV CHANDRAPUR-I	432	14.00
2	400 KV KALWA	437	05.00
3	400 KV KARAD	431	04.00
4	400 KV KORADI-I	432	04.00
5	400 KV NANDED	437	02.00
6	400KV CHANDRAPUR-II	435	14.00
7	400KV NANDGAON PETH	432	23.00

State Load Despatch Center, Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 08/Sep/2019

Position as on 6.30 Hrs of 09/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyana STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem (Converted for Capital Overhaul from DT.24-07-2019 for 60Days)	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 2	210	13/08/2019	15.01		Continued.	Flame Failure (Converted to AOH from 16-8-2019)	
MSPGCL	Koradi Unit-8	660	25/08/2019	00.01		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	25/08/2019	00.13		Continued.	Capital Overhaul	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	
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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
MSPGCL	Koyana Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Ghatghar Unit-1	125	13/08/2019	21.30		Continued.	Water Leakage	
MSPGCL	Uran Unit 6	108	21/08/2019	19.35		Continued.	Gas shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.	
MSPGCL	Chandrapur Unit 3	210	31/08/2019	16.21		Continued.	W/D Due To Wet Coal.	
IPP	Adani U-3	660	01/09/2019	00.51		Continued.	APH 3B Support bearing Abnormal Sound.	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule.	
MSPGCL	Uran Unit A0	120	03/09/2019	04.22		Continued.	HP feed water pump fault.	
MSPGCL	Uran Unit 5	108	03/09/2019	04.24		Continued.	boiler discrepancy.	
MSPGCL	Uran Unit 8	108	03/09/2019	09.21		Continued.	Gas shortage due to fire at	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Sep/2019

Position as on 6.30 Hrs of 09/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							ONGC.	
MSPGCL	Uran Unit B0	120	03/09/2019	09.21		Continued.	Gas shortage due to fire at ONGC.	
TPC-G	Trombay 7B	60	03/09/2019	10.42		Continued.	Gas shortage due to fire at ONGC.	
TPC-G	Trombay 7A	120	03/09/2019	10.56		Continued.	Gas shortage due to fire at ONGC.	
MSPGCL	Koradi Unit 10	660	03/09/2019	19.00		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule	
MSPGCL	Nasik Unit 3	210	07/09/2019	15.30		Continued.	Due To Wet & Sticky Coal Problem.	
MSPGCL	Khaparkheda Unit 3	210	09/09/2019	03.41		Continued.	Reheater protection operated	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 09/Sep/2019

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 Khandwa I	InterState	26/08/2019	09.04		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	02/09/2019	14.31		Continued.	HT	Control line loading.
Khadka-Aurangabad (Waluj)	IntraState	04/09/2019	17.19		Continued.	HT	Over Voltage
Warora -IEPL	IntraState	07/09/2019	09.56	08/09/2019	07.32	PO	Scada & Testing Work.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Miraj - Tilwani	IntraState	09/08/2019	05.27		Continued.	T	Dist.Protection(Tower Bending Location no.28,29)
Trombay Salsette 1 Backbay	IntraState	08/09/2019	11.09	08/09/2019	12.20	PO	Breaker Contact Resi. Measurement At Backbay.
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	09/09/2019	06.24		Continued.	T	Distance Protection

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