

TAFM for 2016-17	
98.927%	
Month	TAFM %
04/16	99.36
05/16	99.03
06/16	99.13
07/16	98.95
08/16	98.77
09/16	98.74
10/16	98.89
11/16	98.13
12/16	98.87
01/17	99.05
02/17	99.31
03/17	98.94

Month			No. of TL/TF	ΣW_i	Ti
04/16	Trans. Line	132 KV	193	348434.10	138960
		220 KV	38	288261.68	27360
			231	636695.78	166320
		Avo=	0.989687739		
	Transformer	132 KV	240	7920.00	172800
		220 KV	41	4960	29520
			281	12880.00	202320
		Avq=	0.996865702		
		TAFM=	0.993627207		
05/16	Trans. Line	132 KV	193	348434.10	143592
		220 KV	39	288261.68	29016
			232	636695.78	172608
		Avo=	0.985270647		
	Transformer	132 KV	243	8070.00	180792
		220 KV	40	4910	29760
			283	12980.00	210552
		Avq=	0.994459837		
		TAFM=	0.990320241		
06/16	Trans. Line	132 KV	196	352194.10	141120
		220 KV	38	288261.68	28080
			234	640455.78	169200
		Avo=	0.986770516		
	Transformer	132 KV	243	8070.00	174960
		220 KV	41	4910	28800
			284	12980.00	203760
		Avq=	0.995170923		
		TAFM=	0.991376144		
07/16	Trans. Line	132 KV	204	368766.10	151776
		220 KV	41	284433.68	30504
			245	653199.78	182280
		Avo=	0.991794332		
	Transformer	132 KV	256	8520.00	190464
		220 KV	44	5430	32736
			300	13950.00	223200
		Avq=	0.987771949		
		TAFM=	0.989580176		
08/16	Trans. Line	132 KV	204	368766.10	151776
		220 KV	41	284433.68	30504
			245	653199.78	182280
		Avo=	0.990462983		
	Transformer	132 KV	256	8520.00	190464
		220 KV	46	5430	32736
			302	13950.00	223200
		Avq=	0.985526617		
		TAFM=	0.987737604		

09/16	Trans. Line	132 KV	204	368766.10	146880
		220 KV	41	284433.68	29520
			245	653199.78	176400
		Avo=	0.989453607		
	Transformer	132 KV	259	8520.00	186480
		220 KV	42	5430	30240
			301	13950.00	216720
		Avq=	0.98589775		
		TAFM=	0.987493327		
10/16	Trans. Line	132 KV	211	386536.10	156984
		220 KV	43	308544.008	31992
			254	695080.11	188976
		Avo=	0.989923581		
	Transformer	132 KV	263	8940.00	195672
		220 KV	46	5750	34224
			309	14690.00	229896
		Avq=	0.98803542		
		TAFM=	0.988887273		
11/16	Trans. Line	132 KV	214	389365.10	154080
		220 KV	43	308544.008	30960
			257	697909.11	185040
		Avo=	0.972609439		
	Transformer	132 KV	266	9060.00	191520
		220 KV	46	5750	33120
			312	14810.00	224640
		Avq=	0.988498921		
		TAFM=	0.981322125		
12/16	Trans. Line	132 KV	216	389940.10	160704
		220 KV	43	308544.008	31992
			259	698484.11	192696
		Avo=	0.989062126		
	Transformer	132 KV	271	9250.00	201624
		220 KV	46	5750	34224
			317	15000.00	235848
		Avq=	0.98848998		
		TAFM=	0.988747247		
01/17	Trans. Line	132 KV	227	398503.60	168888
		220 KV	47	337892.888	34968
			274	736396.49	203856
		Avo=	0.99242108		
	Transformer	132 KV	274	9400.00	203856
		220 KV	47	5910	34968
			321	15310.00	238824
		Avq=	0.988788912		
		TAFM=	0.990461541		
02/17	Trans. Line	132 KV	228	399230.60	153216
		220 KV	47	376958.9	25536

			275	776189.50	178752
		Avo=	0.995575827		
	Transformer	132 KV	279	9590.00	187488
		220 KV	49	6170	32928
			328	15760.00	220416
		Avq=	0.991130915		
		TAFM=	0.993158031		
03/17	Trans. Line	132 KV	231	402874.60	171864
		220 KV	47	376958.9	34968
			278	779833.50	206832
		Avo=	0.991803573		
	Transformer	132 KV	281	9650.00	209064
		220 KV	49	6170	36456
			330	15820.00	245520
		Avq=	0.987371885		
		TAFM=	0.989398216		

Month wise TAFM

TNAi	$\Sigma Wi(Ti-Tnai)/Ti$	$Wi(Ti-Tnai)/Ti$	Avo/Avq	Check TAFM
2001.60		343415.2046736	0.9855958549	0.9913688414
146.82		286714.8020812	0.9946337719	0.9965001758
2148.42		630130.0067548	0.9896877387	0.9936272069

689.25		7888.409375	0.9960112847	
52.25		4951.220867209	0.9982300136	
741.50		12839.63024221	0.996865702	

2732.15		341804.3836766	0.9809728258	0.9872219345
276.65		285513.2793324	0.9904656052	0.9943809265
3008.80		627317.6630089	0.9852706469	0.9903202406

1412.85		8006.934712266	0.9921852184	
53.62		4901.153970654	0.9981983647	
1466.47		12908.08868292	0.9944598369	

2930.87		344879.517036	0.979231387	0.9873376466
112.83		287103.3635389	0.9959817189	0.9966654696
3043.70		631982.8805749	0.9867705161	0.9913761443

1071.45		8020.579552469	0.9938760288	
77.78		4896.739021991	0.9972991898	
1149.23		12917.31857446	0.9951709225	

2111.82		363635.0753579	0.9860859644	0.9897473995
24.55		284204.7642236	0.9991951875	0.9893076639
2136.37		647839.8395815	0.9917943322	0.9895801764

1397.03		8457.506699429	0.9926651056	
651.63		5321.911992913	0.9800942897	
2048.67		13779.41869234	0.9877719493	

2188.43		363448.9218859	0.9855811635	0.9910364072
97.85		283521.2804594	0.996792224	0.9826582005
2286.28		646970.2023453	0.9904629826	0.9877376036

879.27		8480.667884745	0.9953835545	
980.10		5267.428427419	0.9700604839	
1859.37		13748.09631216	0.9855266174	

2077.43		363550.3661469	0.9858562545	0.9910713643
173.65		282760.5123668	0.9941175474	0.982588967
2251.08		646310.8785137	0.9894536072	0.9874933271

899.02		8478.92523595	0.9951790183	
866.83		5274.34837963	0.9713348765	
1765.85		13753.27361558	0.9858977502	

2273.62		380937.8548334	0.9855168892	0.9906812871
145.75		307138.3350453	0.9954441735	0.9861591861
2419.37		688076.1898788	0.9899235814	0.9888872727

1012.68		8893.731811399	0.9948245874	
770.73		5620.508512545	0.9774797413	
1783.42		14514.24032394	0.9880354203	

1814.85		384778.9158636	0.9882213785	0.9922053434
1457.97		294014.0700522	0.9529080534	0.9656746775
3272.82		678792.9859158	0.9726094389	0.9813221251

878.98		9018.419021512	0.995410488	
741.60		5621.25	0.9776086957	
1620.58		14639.66902151	0.9884989211	

2005.15		385074.7052898	0.9875227126	0.9922517719
287.68		305769.471594	0.9910076477	0.9834445854
2292.83		690844.1768837	0.9890621261	0.9887472471

802.25		9213.194795758	0.996021059	
808.55		5614.154905914	0.9763747662	
1610.80		14827.34970167	0.9884899801	

1665.55		394573.612843	0.9901381389	0.9931459661
170.87		336241.7853412	0.9951135324	0.9865045184
1836.42		730815.3981842	0.9924210803	0.9904615408

889.25		9358.995810768	0.9956378522	
772.95		5779.362431366	0.9778955045	
1662.20		15138.35824213	0.988788912	

change due to Ti

253.50		398176.4365885	0.9973595125	0.9973108459
177.38		374579.0668089	0.9936867569	0.9875109891

430.88		772755.5033975	0.995575827	0.9931580306
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767.95		9563.829613095	0.9972710754	
758.77		6056.39360119	0.9815872935	
1526.72		15620.22321429	0.9911309146	

253.50		398862.5850096	0.9900415291	0.9906062168
177.37		374579.0668089	0.9936867569	0.9875109891
430.87		773441.6518185	0.9918035732	0.9893982159

767.95		9563.829613095	0.9910704262	
758.77		6056.39360119	0.9815872935	
1526.72		15620.22321429	0.9873718846	

Overall TAFM of year 2016-17

	ΣWi	$\Sigma Wi(Ti-Tnai)/Ti$	No.	Avo/Avq	TAFM for 16-17
132 KV	8257339.49	8165277.38	3029	0.988850874	0.989276
220 KV	172080.00	170305.88984	3108	0.989690201	

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