

... for urban/rural areas for the period 2023-24 in respect of Urban &

Discom	Calculation for SAIFI, SAIDI, CAIDI for a year													Calculation for MAIFI for a year																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	Name of Circle/Area	Type of Circle/Areas (Rural/Urban)	Total No. of feeders (U/R) in the circle/area	Total Nos. of consumers (U/R) in the feeders in the circle /area	No. of interruptions (> 5min)	Duration of interruption considered (>5 min)	No. of consumers in the affected feeders	SAIFI $\Sigma NI * CI / Ct$	SAIDI, minutes	CAIDI, minutes	No of momentary interruptions (< 5min)	No. of consumers in the interrupted feeders	MAIFI																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

General Manager
Technical

Targets as per SOP (urban)						Targets as per SOP (rural)					
SAIFI		SAIDI		MAIFI		SAIFI		SAIDI		MAIFI	
NA		NA		NA		NA		NA		NA	

Discom	Name of Circle/ Area	Type of Circle/Areas (Rural/Urban)	Total No. of feeders (U/R) in the circle/ area	Calculation for SAIFI, SAIDI, CAIDI for a year										
				Total Nos. of consumers (U/R) in the feeders in the circle /area	Total connected load (KW) in the feeders (U/R) in the circle/area	Nos. of interruptions (> 5min)	Duration of interruption considered (> 5 min)	Affected load (KW) in the feeders	SAIFI	SAIDI, minutes	CAIDI, minutes	No of momentary interruptions (< 5min)	Affected load (KW) in the feeders	MAIFI
A. Urban Areas				Ct	Lt	Ni	Ti	Li	$\Sigma Ni * Li / Lt$	$\Sigma Ti * Li / Lt$	SAIDI / SAIFI	Mi	Li	$\Sigma Mi * Li / Lt$
	Hubballi	Urban	171	652353	1222406	40650	1028383	1222406	238	6014	25	25	1222406	0.1
	Haveri	Urban	34	153603	275242	14969	401562	275242	440	11811	27	0	275242	0
	Sirsi	Urban	44	192917	314124	18668	495512	314124	424	11262	27	3269	314124	74
	Belagavi	Urban	105	387272	685441	16538	415912	685441	158	3961	25	417	685441	4
	Chikkodi	Urban	19	83952	173781	9715	293965	173781	511	15472	30	0	173781	0
	Vijayapur	Urban	55	260924	504681	20189	480195	504681	367	8731	24	0	504681	0
	Bagalkot	Urban	63	257856	367227	13555	434221	367227	215	6892	32	127	367227	2
	Urban Area (Total)		491	1988877	3542902	134284	3549750	3542902	273	7230	26	3838	3542902	8
B. Rural Areas														
	Hubballi	Rural	349	529221	701275	187019	7830509	701275	536	22437	42	0	701275	0
	Haveri	Rural	433	492877	899014	239622	11001554	899014	553	25408	46	0	899014	0
	Sirsi	Rural	176	431600	636747	141069	4343982	636747	802	24682	31	22761	636747	129
	Belagavi	Rural	684	847349	1705661	312917	13726078	1705661	457	20067	44	5	1705661	0
	Chikkodi	Rural	623	659811	1693193	154425	8391606	1693193	248	13470	54	10	1693193	0
	Vijayapur	Rural	695	666637	1689196	279583	13498768	1689196	402	19423	48	0	1689196	0
	Bagalkot	Rural	691	533426	1524721	174900	7552315	1524721	253	10930	43	295	1524721	0
	Rural Area (Total)		3651	4160921	8849807	1489535	66344812	8849807	408	18172	45	23071	8849807	6

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