


**Format-1 Consumer Affected/Interrupted Basis on the Reliability Index (SAIFI, SAIDI & CAIDI) for Urban/Rural Areas for the period of 2021-22 (May 2021)**

Sl no	DISCOM	Name of the Circle/Area	Type of the Circle/Area (R/U)	Total Nos of feeders (U/R) in the Circle Area	Total Nos of Consumers (U/R) in the feeders in the Circle Area	Nos of interruptions (>3 min/ 5 min/ 10 min)	Ni	Ti	Ci	SAIFI	SAIDI	CAIDI	Nos of momentary interruptions (<3min/5min / 10min @)	Mi	Ci	MAIFI	RI
				1	2	3	4	5=2	$6 = \frac{3X5/2}{1}$	$7 = \frac{4X5/2}{1}$	8=7/6	9	10=2	$11 = \frac{9X10}{2/1}$	$12 = \frac{1-7/24*31}{}$		
1	BESCOM	Bangalore NORTH Circle	Urban	302	1337165	3970	895.00	1337165.00	13.15	2.96	0.23	2186.00	1337165.00	7.24	99.60		
2		Bangalore EAST Circle		439	1439297	4461	1994.87	1439297.00	10.16	4.54	0.45	21.00	1439297.00	0.05	99.39		
3		Bangalore WEST Circle		234	1064296	1342	4500.00	1064296.00	5.74	19.23	3.35	546.00	1064296.00	2.33	97.42		
4		Bangalore SOUTH Circle		644	1835871	5074	2088.54	1835871.00	7.88	3.24	0.41	2154.00	1835871.00	3.34	99.56		
5		Davangere Circle		77	352881	1592	1191.00	352881.00	20.68	15.47	0.75	933.00	352881.00	12.12	97.92		
6		Tumakuru Circle		72	240068	2528	971.30	240068.00	35.11	13.49	0.38	49.00	240068.00	0.68	98.19		
7		Bangalore Rural Circle		287	639125	5534	4253.82	639125.00	19.28	14.82	0.77	5574.00	639125.00	19.42	98.01		
8		Ramanagara Circle		284	619873	6909	3517.02	619873.00	24.33	12.38	0.51	276.00	619873.00	0.97	98.34		
9		Kolar Circle		80	384295	1648	1784.60	384295.00	20.60	22.31	1.08	177.00	384295.00	2.21	97.00		
10		Davangere Circle		976	1061390	26901	39743.00	1061390.00	27.56	40.72	1.48	24131.00	1061390.00	24.72	94.53		
11		Tumakuru Circle		1055	1134290	41566	52387.41	1134290.00	39.40	49.66	1.26	230.00	1134290.00	0.22	93.33		
12		Bangalore Rural Circle		128	114941	2784	3051.18	114941.00	21.75	23.84	1.10	2621.00	114941.00	20.48	96.80		
13		Ramanagara Circle		389	336421	22857	17051.28	336421.00	58.76	43.83	0.75	241.00	336421.00	0.62	94.11		
14		Kolar Circle		789	892375	17368	18462.35	892375.00	22.01	23.40	1.06	1360.00	892375.00	1.72	96.85		

  
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**Format 2: Load Affected/Interrupted Basis on the Reliability Index (SAIFI, SAIDI & CAIDI) for Urban/Rural Areas for the period of 2020-21. (May 2021)**

Sl no	DISCOM	Name of the Circle/Area	Type of the Circle/Area (R/U)	Total Nos of feeders (U/R) in the Circle Area	Total Nos of Consumers (U/R) in the feeders in the Circle Area	Total connected Load (in KW) (U/R) in the feeders in the Circle Area	Nos of interruptions (>3 min/5 min/10 min)	Duration of interruptions (>3 min/5 min/10 min)	Affected Load in the feeders	SAIFI $N^*Li/Ct$	SAIDI $\sum T^*Li/Ct$	CAIDI $SAIDI/SAIFI$	Nos of momentary interruptions (<3min/5min/10min) only numbers	Affected load (KW) in the feeders	MAIFI $\sum MI^*Li/Ct$	RI $12=(1-7/24*31)$
1		Bangalore NORTH Circle		302	1337165	1845302	3970	895.00	1845302.00	13.15	2.96	0.23	2186.00	1845302.00	7.24	99.60
2		Bangalore EAST Circle		439	1439297	5010399	4461	1994.87	5010399.00	10.16	4.54	0.45	21.00	5010399.00	0.05	99.39
3		Bangalore WEST Circle		231	1064296	3042245	1342	4500.00	3042245.00	5.81	19.48	3.35	546.00	3042245.00	2.36	97.38
4		Bangalore SOUTH Circle		644	1835871	5741308	5074	2088.54	5741308.00	7.88	3.24	0.41	2154.00	5741308.00	3.34	99.56
5	BESCOM	Davangere Circle	Urban	77	352881	439296	1592	1191.00	439296.00	20.68	15.47	0.75	933.00	439296.00	12.12	97.92
6		Tumakuru Circle		72	240068	594646.45	2528	971.30	594646.45	35.11	13.49	0.38	89.00	594646.45	1.24	98.19
7		Bangalore Rural Circle		283	622140	1528647.29	5534	4253.82	1528647.29	19.55	15.03	0.77	5574.00	1528647.29	19.70	97.98
8		Ramanagara Circle		284	719873	1335000	6909	3517.02	1335000.00	24.33	12.38	0.51	276.00	1335000.00	0.97	98.34
9		Kolar Circle		80	384295	292934	1648	1784.60	292934.00	20.60	22.31	1.08	177.00	292934.00	2.21	97.00
10		Davangere Circle		976	1061390	2337364	26901	39743.00	2337364.00	27.56	40.72	1.48	24131.00	2337364.00	24.72	94.53
11		Tumakuru Circle		1055	1134290	1688934.46	41566	52387.41	1688934.46	39.40	49.66	1.26	240.00	1688934.46	0.23	93.33
12	BESCOM	Bangalore Rural Circle	Rural	131	117338	616668.98	2784	3051.18	616668.98	21.25	23.29	1.10	2621.00	616668.98	20.01	96.87
13		Ramanagara Circle		389	324679	825787	22857	17051.28	825787.00	58.76	43.83	0.75	241.00	825787.00	0.62	94.11
14		Kolar Circle		789	892375	362673.38	17368	18462.35	362673.38	22.01	23.40	1.06	1360.00	362673.38	1.72	96.85

Assistant General Manager (Elec.)  
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*(Signature)* 10/6/21

*(Signature)*  
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ಅಪರೇಟಿವ್-3, ನಿಗಮ ಕಾರ್ಯಾಲಯ  
ಬೆಂ.ಎ.ಕೆ.ಂ. ಬೆಂಗಳೂರು