

**Format-1 Consumer Affected/ Interrupted Basis on the Reliability Index (SAIFI, SAIDI & CAIDI) for Urban/Rural Areas for the period of 2021-22
(October 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)	Duration of interruptions (>3 min/5 min/10 min)	Nos of consumers in the affected feeders	SAIFI	SAIDI	CAIDI	Nos of momentary interruptions (<3min/5min/ 10min @)	No of consumers in the interrupted feeders	MAIFI	RI		
																1	2
1	BESSCOM	Bangalore NORTH Circle	Urban	1	2	3	4	5=2	$\Sigma N^*C/Ct$	$\Sigma T^*C/Ct$	SAIDI/SAIFI	MI	CI	$\Sigma M^*C/Ct$	12=11-7/24*31		
2		Bangalore EAST Circle		445	1458811	4772	2428.97	1458811.00	10.72	5.46	0.51	28	1458811	0.06	99.27		
3		Bangalore WEST Circle		235	1115075	711	2157.00	1115075.00	3.03	9.18	3.03	45	1115075	0.19	98.77		
4		Bangalore SOUTH Circle		659	1852594	3141.4	1647.97	1852594.00	4.77	2.50	0.52	1665	1852594	2.53	99.66		
5		Davanagere Circle		81	409399	1669	1322.00	409399.00	20.60	16.32	0.79	569	409399	7.02	97.81		
6		Tumakuru Circle		78	315593	1624	1387.14	315593.00	20.82	17.78	0.85	571	315593	7.32	97.61		
7		Bangalore Rural Circle		300	650888	4763	4323.00	650888.00	15.88	14.41	0.91	3566	650888	11.89	98.06		
8		Ramanagara Circle		308	720291	5514	3387.80	720291.00	17.90	11.00	0.61	847	720291	2.75	98.52		
9		Kolar Circle		104	390890	3008	1738.76	390890.00	28.92	16.72	0.58	330	390890	3.17	97.75		
10		Davanagere Circle		991	1112120	31503	44541.00	1112120.00	31.79	44.95	1.41	24731	1112120	24.96	93.96		
11		Tumakuru Circle		1036	1094614	30061	41102.88	1094614.00	29.02	39.67	1.37	3985	1094614	3.85	94.67		
12		BESSCOM		Bangalore Rural Circle	Rural	124	116831	3228	3455.10	116831.00	26.03	27.86	1.07	1781	116831	14.36	96.25
13				Ramanagara Circle		405	337712	9978	10947.00	337712.00	24.64	27.03	1.10	2745	337712	6.78	96.37
14				Kolar Circle		655	845758	19446	16687.18	845758.00	29.69	25.48	0.86	1006	845758	1.54	96.58

Note: Due to heavy Rain and Wind interruptions are increased in Kolar, Davanagere and Tumkur Circles.

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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 2021-22. (October 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 KWs) (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 ^U L/Ct	SAIDI ΣN ^U L/Ct	CAIDI SAIDI/SAIFI	Nos of momentary interruptions (<3min/5min/10min) only	Affected load (KW) in the feeders	MAIFI ΣMR ^U L/Ct /1	RI 12-11-7/24*31
1		Bangalore NORTH Circle		1	2	3	4	5	6-3	7=4X6/3/1	8=(5X6/3)/1	9=8/7	10	11=3	12=(10X11/3)/1	12-11-7/24*31
2		Bangalore EAST Circle		313	1313667	2443231	3081	507.21	2443230.56	9.84	1.62	0.16	1011	2443231	3.23	99.78
3		Bangalore WEST Circle		445	1458811	4285637	4772	2428.97	4285637.04	10.72	5.46	0.51	28	4285637	0.06	99.27
4		Bangalore SOUTH Circle		235	1115075	2993533	711	2157.00	2993533.00	3.03	9.18	3.03	45	2993533	0.19	98.77
5	BESSCOM	Davanagere Circle	Urban	659	1852594	5752549	3141.4	1647.97	5752548.94	4.77	2.50	0.52	1665	5752549	2.53	99.66
6		Tumakuru Circle		81	409399	494702	1669	1322.00	494701.95	20.60	16.32	0.79	478	494702	5.90	97.81
7		Bangalore Rural Circle		78	315593	411103	1624	1387.14	411103.32	20.82	17.78	0.85	571	411103	7.32	97.61
8		Ramanagara Circle		300	650888	1612206	4763	4323.00	1612205.80	15.88	14.41	0.91	3566	1612206	11.89	98.06
9		Kolar Circle		308	720291	720345	5514	3387.80	720345.00	17.90	11.00	0.61	847	720345	2.75	98.52
10		Davanagere Circle		104	390890	586256	3008	1738.76	586255.78	28.92	16.72	0.58	330	586256	3.17	97.75
11		Tumakuru Circle		991	1112120	2807523	31503	44541.00	2807523.48	31.79	44.95	1.41	18676	2807523	18.85	93.96
12	BESSCOM	Bangalore Rural Circle	Rural	1036	1094614	1369253	30061	41102.88	1369252.66	29.02	39.67	1.37	3985	1369253	3.85	94.67
13		Ramanagara Circle		124	116831	636348	3228	3455.10	636348.33	26.03	27.86	1.07	1781	636348	14.36	96.25
14		Kolar Circle		405	337712	337894	9978	10947.00	337894.00	24.64	27.03	1.10	2745	337894	6.78	96.37
				655	845758	2182199	19446	16687.18	2182198.70	29.69	25.48	0.86	1006	2182199	1.54	96.58

Note: Due to heavy Rain and Wind interruptions are increased in Kolar, Davanagere and Tumkur Circles.

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