GULBARGA ELECTRICITY SUPPLY COMPANY LIMITED

Abstract of 11 kV Feeder Level Reliability Indices in GESCOM for the Month of DECEMBER-2019 of FY: 2019-20

Sl.No	Name of District Head Quarters	Total No. of 11 kV feeders	Total No. of 11 kV feeders affetecd	Total No. of interruption during the month of DECEMBER-2019	Outage due to incoming supply failure (in hrs.) DECEMBER-2019	Cumulative outage due to incoming supply failure (in Hrs.) for FY: 19-20	Outage of 11 kV level (in Hrs.) (DECEMBER-2019)			Cumulative outage of 11 kV level (in hrs.) for FY 19-20	Reliability From April-2019 to DECEMBER-19				Reliability for cumulative period #			
							Scheduled outage	Un-Scheduled outage	Total		Sum of outage duration of all feeders (in Hrs.)	Outage duration per feeder (in Hrs. / feeder)	Feeder Reliability Index of 11 kV feeder level in %	Reliability of supply of power to consumers in %	Cumulative outage duration of all feeders (in Hrs.) for FY: 2019-20	Cumulative Outage duration per feeder (in Hrs./feeder)	Cumulative feeder Reliability Index of 11 kV feeder level in %	Cumulative Reliability of supply of power to consumers in %
1	2	3	4	4a	5	5a	6	7	8=6+7	8a	9=5+8	10=9/3	11*	12**	13=5a+8a	14=13/3	15***	16****
1	**Distict**	145	145	4738	11	149	43	22	65	939.3	75.7	0.5	99.9	99.9	1088.0	7.5	99.1	99.0
2	**Towns/ Cities**	168	168	5511	25	174	128	55	182	1989.3	207.3	1.2	99.9	99.8	2163.3	12.9	98.4	98.3
3	**Rural**	1607	1607	62376	104	869	3338	653	3991	45854.6	4094.7	2.5	99.7	99.7	46723.3	29.1	96.2	96.1
Total		**1920**	**1920**	**72625.41319**	139.82	1191.44	3508.49	729.83	4238.32	48783.24	4377.73	2.28	99.82	99.81	49974.67	26.03	97.90	97.78
GESCOM FRI %							**Feeder Reliability:**		**99.82**	**Consumer Reliability:**		**99.81**		**Average**		**99.81**		

* Feeder realiability index of 11 kV feeder level ={[Total No. of 11 kV feedersX24 Hrs.X No. of days in the month]-[Outage duration of all 11 kV feeders during the month in hrs. as in column 8]}X100 / [Total No. of 11 kV feedersX24 hrs.X No. of days in the month]

The cumulative figures shall indicate the data from April up to the current month of the financial year.

** Relibility of supply of power to consumers={[Total No. of feedersX24 hrs.X No. of days in the month]-[Sum of outage duration including outages in higher voltages along with 11 kV outage during the month in hrs. as in column 9]}X100 / [Total No. of feeders X 24 hrs.X No. of days in the month]

*** Feeder realiability index of 11 kV feeder level ={[Total No. of 11 kV feedersX24 Hrs.X No. of days from Apr-junel]-[Outage duration of all 11 kV feeders during the month in hrs. as in column 8a]}X100 / [Total No. of 11 kV feedersX24 hrs.X No. of days from DECEMBER-2019)

**** Relibility of supply of power to consumers={[Total No. of feedersX24 hrs.X No. of days from Apr-June19]-[Sum of outage duration including outages in higher voltages along with 11 kV outage during the month in hrs. as in column 5a+8a]} X100 / [Total No. of feeders X24 hrs.X No. of days from DECEMBER-2019