

Uttar Gujarat Vij Company Ltd ,Mehsana

QUARTER :-3rd; Oct-09 to Dec-09

YEAR :-2009-10

SoP 011 - A : System Average Interruption Frequency Index (SAIFI)

Sr. No.	Month	Ni-Total No.of customers for each sustained interruptions (in numbers)	Nt-Total No.of customers served (in numbers)	SAIFI= Ni/Nt (Monthly SAIFI)
1	2	3	4	5=3/4
1	Oct-09	1017215	2327040	0.44
2	Nov-09	997144	2340264	0.43
3	Dec-09	1034991	2355212	0.44
* Feeder wise data is calculated seperately for whole company				

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SoP 011 - B : System Average Duration Index (SAIDI)

Sr. No.	Month	Ri-Restoration time for each interruption event (in Hrs)	Ni-No.of interrupted customers for each sustained interruption event (in numbers)	Ri * Ni - Total customer interruption duration (in Customers Hours)	Nt-Total No.of customers served (in Numbers)	SAIDI= $\frac{Ri * Ni}{Nt}$ Monthly SAIDI (in HH:MM)
1	2	3	4	(5)=(3)*(4)	6	(7) = (5) / (6)
1	Oct-09	1965:13:00	543	1066853:31:00	2327040	0:27:30
2	Nov-09	1674:30:26	611	1023947:22:36	2340264	0:26:15
3	Dec-09	1624:36:38	573	931265:51:48	2355212	0:10:42

* Feeder wise data is calculated seperately for whole company

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SoP 011 - C : Momentary Average Interruption frequency Index (MAIFI)

Sr. No.	Month	Imi=Number of momentary interruptions for the month (in numbers)	Nmi=Total No.of constomers for each momentary interruptions(in numbers)	Imi*Nmi- No.of constomers momentary interruptions(in numbers)	N _T -Total No.of customers served (in numbers)	MAIFI= Imi*Nmi/N _T
1	2	3	4	(5)=(3)*(4)	6	(7) = (5) / (6)
1	Oct-09	19327	1006	19439701	2327040	8.35
2	Nov-09	17587	980	17234179	2340264	7.36
3	Dec-09	14412	1095	15787479	2355212	6.70
* Feeder wise data is calculated seperately for whole company						