

Uttar Gujarat Vij Company Ltd ,Mehsana				
QUARTER :-4th January-10 to March-10				
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	Jan-10	1486934	2359712	0.630
2	Feb-10	700248	2380924	0.294
3	Mar-10	687793	2399109	0.287

* 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)	N _T -Total No.of customers served (in Numbers)	SAIDI=Ri*Ni / N _T Monthly SAIDI (in HH:MM)
1	2	3	4	(5)=(3)*(4)	6	(7) = (5) / (6)
1	Jan-10	2291:11:00	1484	1796224:29:00	2359712	1:16:00
2	Feb-10	1089:28:40	844	691284:10:00	2380924	0:29:00
3	Mar-10	1087:02:34	796	649794:20:00	2399109	0:27:20

* 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)	NT-Total No.of customers served (in numbers)	MAIFI= Imi*Nmi/Nt
1	2	3	4	(5)=(3)*(4)	6	(7) = (5) / (6)
1	Jan-10	15279	1157	17678291	2359712	7.49
2	Feb-10	12082	1073	12967493	2380924	5.45
3	Mar-10	11877	1073	12744984	2399109	5.31
* Feeder wise data is calculated seperately for whole company						