

Uttar Gujarat Vij Company Ltd ,Mehsana

QUARTER :-3rd OCT-08 to Dec-08

YEAR :-2008-09

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	1413872	2306163	0.61
2	Nov-09	1143616	2296311	0.50
3	Dec-09	1337596	2231428	0.60
* Feeder wise data is calculated seperately for whole company				

Uttar Gujarat Vij Company Ltd ,Mehsana

QUARTER :-3rd Oct-08 to Dec-08

YEAR :-2008-09

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= $\frac{Ri \cdot Ni}{Nt}$ Monthly SAIDI (in HH:MM)
1	2	3	4	(5)=(3)*(4)	6	(7) = (5) / (6)
1	Oct-09	2617	565	1479073	2306163	0:38:00
2	Nov-09	2508	445	1116004	2296311	0:29:15
3	Dec-09	3619	377	1364211	2231428	0:36:40

* Feeder wise data is calculated seperately for whole company

Uttar Gujarat Vij Company Ltd ,Mehsana

QUARTER :-3rd Oct-08 to Dec-08

YEAR :-2008-09

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	21385	1033	22087897	2306163	9.58
2	Nov-09	19762	1029	20334785	2296311	8.68
3	Dec-09	19124	1007	19248837	2231428	8.63

* Feeder wise data is calculated seperately for whole company