

# Uttar Gujarat Vij Company Ltd ,Mehsana

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)	N <sub>T</sub> -Total No.of customers served (in numbers)	SAIFI= Ni/N <sub>T</sub> (Monthly SAIFI)
1	2	3	4	5=3/4
1	July'09	5940798	2287165	2.60
2	Aug.'09	2828780	2296469	1.23
3	Sept.'09	1279123	2391646	0.53

\* Feeder wise data is calculated seperately for whole company

## Uttar Gujarat Vij Company Ltd ,Mehsana

QUARTER :-July-09 to September-09

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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= $\frac{Ri \cdot Ni}{Nt}$ Monthly SAIDI (in HH:MM)
1	2	3	4	(5)=(3)*(4)	6	(7) = (5) / (6)
1	<b>July'09</b>	16747	5940798	9592107:24:00	2287165	<b>4:11:38</b>
2	<b>Aug.'09</b>	6656	2828780	3579981:36:00	2296469	<b>1:33:32</b>
3	<b>Sept.'09</b>	2479	1279123	1260801:31:00	2391646	<b>0:31:38</b>

\* Feeder wise data is calculated seperately for whole company

## Uttar Gujarat Vij Company Ltd ,Mehsana

QUARTER :-July-09 to September-09

YEAR :- 2009-10

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	July'09	30912	880	27198736	2287165	11.89
2	Aug.'09	25430	859	21851735	2296469	9.52
3	Sept.'09	22296	898	20017844	2391646	8.37
* Feeder wise data is calculated seperately for whole company						