

Uttar Gujarat Vij Company Ltd ,Mehsana

QUARTER :-2nd July-08 Sept-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)	N _T -Total No.of customers served (in numbers)	SAIFI= Ni/N _t (Monthly SAIFI)
1	2	3	4	5=3/4
1	Jul-08	4021174	2211779	1.82
2	Aug-08	3525113	2233208	1.57
3	Sep-08	3372786	3372786	1.43

* 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	Jul-08	8761	813	7119118:43	2211779	3:13:07
2	Aug-08	6626	638	4227584:43	2233208	1:53:35
3	Sep-08	5532	789	4367257:05	3372786	1:51:27

* Feeder wise data is calculated seperately for whole company

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QUARTER :1st July-08 to Sept-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)	Nt-Total No. of customers served (in numbers)	MAIFI= Imi*Nmi/Nt
1	2	3	4	(5)=(3)*(4)	6	(7) = (5) / (6)
1	Jul-08	28827	984	28378268	2211779	12.83
2	Aug-08	28952	942	27261963	2233208	12.21
3	Sep-08	27682	1050	29062295	3372786	12.36
* Feeder wise data is calculated seperately for whole company						