

Uttar Gujarat Vij Company Ltd ,Mehsana				
QUARTER :-1st April-10 to June-10				
YEAR :-2010-11				
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	Apr-09	1382196	2411501	0.57
2	May-09	1366905	2416217	0.57
3	Jun-09	4658438	2459866	1.89
* 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= $\frac{Ri * Ni}{N_t}$ Monthly SAIDI (in HH:MM)
1	2	3	4	(5)=(3)*(4)	6	(7) = (5) / (6)
1	Apr-09	2231:27:00	1616	1606344:26:00	2411501	0:39:58
2	May-09	2467:37:00	1786	1411461:16:00	2416217	0:35:03
3	Jun-09	9192:46:10	4787	6763928:30:10	2459866	2:44:59
* 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	Apr-09	15029	1068	16044845	2411501	6.65
2	May-09	14913	1055	15739988	2416217	6.51
3	Jun-09	19704	1132	22304179	2459866	9.07

* Feeder wise data is calculated seperately for whole company