

Uttar Gujarat Vij Company Ltd ,Mehsana					
QUARTER :-3rd Oct-07 to December-07					
YEAR :-2007-08					
SoP 011 - A : System Average Interruption Frequency Index (SAIFI)					
Sr. No.	Month	Ni-Total No.of customers for each momentary interruptions	N_T-Total No.of customers served	CI = $\sum Ni$	SAIFI= CI/N_T
1	2	3	4	5=Total of (3)	6=5/4
1	Oct.-07	*	2064682	1245407	0.60
2	Nov.-07	*	2075318	912452	0.44
3	Dec.-07	*	2087518	948266	0.45
	TOTAL		6227518	3106125	0.50

* 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	N _T -No.of interrupted constomers for each sustained interruption event	ri * Ni - Total customer interruption duration in HH:MM	N _T -Total No.of customers served	Customer interruption Duration CMI = $\sum riNi$ in HH:MM	SAIDI= CMI/Ni in HH:MM
1	2	3	4	(5)=(3)*(4)	6	(7) =Total of (5)	(8) = (7) / (6)
1	Oct.-07	*	*	2068502:00	2064682	2068502:00	1:01
2	Nov.-07	*	*	1537962:00	2075318	1537962:00	0:44
3	Dec.-07	*	*	1260958:00	2087518	1260958:00	0:36
	TOTAL			4867422:00	6227518	4867422:00	0:47

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SoP 011 - C : Momentary Average Interruption frequency Index (MAIFI)

Sr. No.	Month	Number of momentary interruptions Imi	Nmi-Total No.of constomers for each momentary interruptions	Imi*Nmi- No.of constomers momentary interruptions	NT-Total No.of customers served	$\sum IMiNmi$	MAIFI= $\sum IMiNmi/Ni$
1	2	3	4	(5)=(3)*(4)	6	(7) =Total of (5)	(8) = (7) / (6)
1	Oct.-07	*	*	24676887	2064682	24676887	11.95
2	Nov.-07	*	*	20772438	2075318	20772438	10.01
3	Dec.-07	*	*	17425730	2087518	17425730	8.35
	TOTAL			62875055	6227518	62875055	10.10
* Feeder wise data is calculated seperately for whole company							