

UGVCL MEHSANA							
SoP 011 - A : System Average Interruption Frequency Index (SAIFI)							
				Quarter/Year :	1st qtr 2007-08		
Sr. No.	Month	Ni-Total No.of customers for each momentary interruptions	N <sub>T</sub> -Total No.of customers served	CI = $\sum Ni$	SAIFI= CI/N <sub>T</sub>		
1	2	3	4	5=Total of (3)	6=5/4		
1	Apr-07	1463442	2016776	1463442	0.73		
2	May-07	1537519	2057341	1537519	0.75		
3	Jun-07	6022858	2060453	6022858	2.92		
4							
<b>TOTAL</b>		<b>9023819</b>	<b>6134570</b>	<b>9023819</b>	<b>1.47</b>		

UGVCL MEHSANA							
SoP 011 - B : System Average Duration Index (SAIDI)							
						Quarter/Year :	1st qtr 2007-08
Sr. No.	Month	ri-Restoration time for each interruption event	Nr-No.of interrupted consotomers for each sustained interruption event	ri * Ni - Total customer interruption duration	Nr-Total No.of customers served	Customer interruption Duration CMI = $\sum riNi$	SAIDI= CMI/Ni
1	2	3	4	(5)=(3)*(4)	6	(7) =Total of (5)	(8) = (7) / (6)
1	Apr-07	*	*	2293397	2016776	2293397	1:08:00
2	May-07	*	*	2309481	2057341	2309481	1:07:00
3	Jun-07	*	*	9984224	2060453	9984224	4:51:00
4							
	<b>TOTAL</b>			<b>14587102</b>	<b>6134570</b>	<b>14587102</b>	<b>2:23:00</b>

UGVCL MEHSANA							
SoP 011 - C : Momentary Average Interruption frequency Index (MAIFI)							
						Quarter/Year :	1st qtr 2007-08
Sr. No.	Month	Number of momentary interruptions Imi	Nmi-Total No.of constomers for each momentary interruptions	Imi*Nmi- No.of constomers momentary interruptions	Nr-Total No.of customers served	$\sum IMiNmi$	MAIFI= $\frac{\sum IMiNmi}{Ni}$
1	2	3	4	(5)=(3)*(4)	6	(7) =Total of (5)	(8) = (7) / (6)
1	Apr-07	*	*	20454452	2016776	20454452	10.14
2	May-07	*	*	19399173	2057341	19399173	9.43
3	Jun-07	*	*	35675471	2060453	35675471	17.31
4							
	<b>TOTAL</b>			<b>75529096</b>	<b>6134570</b>	<b>75529096</b>	<b>12.31</b>

\* Feeder wise data is calculated separately for whole company