

Uttar Gujarat Vij Company Ltd ,Mehsana

QUARTER :-1st April-09 June-09

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) | Nt-Total No.of customers served (in numbers) | SAIFI= Ni/Nt (Monthly SAIFI) |
|--|----------|--|--|------------------------------|
| 1 | 2 | 3 | 4 | 5=3/4 |
| 1 | Apr-09 | 1108632 | 2252154 | 0.49 |
| 2 | May-09 | 1123175 | 2258388 | 0.50 |
| 3 | Jun-09 | 3018305 | 2274981 | 1.33 |
| 4 | July'09 | 5940798 | 2287165 | 2.60 |
| 5 | Aug.'09 | 2828780 | 2296469 | 1.23 |
| 6 | Sept.'09 | 1279123 | 2391646 | 0.53 |
| 7 | Oct-09 | 1017215 | 2327040 | 0.44 |
| 8 | Nov-09 | 997144 | 2340264 | 0.43 |
| 9 | Dec-09 | 1034991 | 2355212 | 0.44 |
| 10 | Jan-10 | 1486934 | 2359712 | 0.630 |
| 11 | Feb-10 | 700248 | 2380924 | 0.294 |
| 12 | Mar-10 | 687793 | 2399109 | 0.287 |
| | | | | |
| * Feeder wise data is calculated seperately for whole company | | | | |

Uttar Gujarat Vij Company Ltd ,Mehsana

YEAR :-2009-10

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 interruptio n 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 | 1798:53:20 | 632 | 1136482:40:20 | 2252154 | 0:30:17 |
| 2 | May-09 | 1987:45:25 | 693 | 1377162:36:40 | 2258388 | 0:36:35 |
| 3 | Jun-09 | 7329:25:00 | 555 | 4071472:21:00 | 2274981 | 1:47:23 |
| 4 | July'09 | 16747:14:00 | 573 | 9592107:24:00 | 2287165 | 4:11:38 |
| 5 | Aug.'09 | 6656:35:00 | 538 | 3579981:36:00 | 2296469 | 1:33:32 |
| 6 | Sept.'09 | 2479:26:00 | 509 | 1260801:31:00 | 2391646 | 0:31:38 |
| 7 | Oct-09 | 1965:13:00 | 543 | 1066853:31:00 | 2327040 | 0:27:30 |
| 8 | Nov-09 | 1674:30:26 | 611 | 1023947:22:36 | 2340264 | 0:26:15 |
| 9 | Dec-09 | 1624:36:38 | 573 | 931265:51:48 | 2355212 | 0:10:42 |
| 10 | Jan-10 | 2291:11:00 | 1484 | 1796224:29:00 | 2359712 | 1:16:00 |
| 11 | Feb-10 | 1089:28:40 | 844 | 691284:10:00 | 2380924 | 0:29:00 |
| 12 | Mar-10 | 1087:02:34 | 796 | 649794:20:00 | 2399109 | 0:27:20 |
| * Feeder wise data is calculated seperately for whole company | | | | | | |

Uttar Gujarat Vij Company Ltd ,Mehsana

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) | 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 | 17081 | 1074 | 18350457 | 2252154 | 8.15 |
| 2 | May-09 | 14040 | 1023 | 14359807 | 2258388 | 6.36 |
| 3 | Jun-09 | 18461 | 1052 | 19429480 | 2274981 | 8.54 |
| 4 | July'09 | 30912 | 880 | 27198736 | 2287165 | 11.89 |
| 5 | Aug.'09 | 25430 | 859 | 21851735 | 2296469 | 9.52 |
| 6 | Sept.'09 | 22296 | 898 | 20017844 | 2391646 | 8.37 |
| 7 | Oct-09 | 19327 | 1006 | 19439701 | 2327040 | 8.35 |
| 8 | Nov-09 | 17587 | 980 | 17234179 | 2340264 | 7.36 |
| 9 | Dec-09 | 14412 | 1095 | 15787479 | 2355212 | 6.70 |
| 10 | Jan-10 | 15279 | 1157 | 17678291 | 2359712 | 7.49 |
| 11 | Feb-10 | 12082 | 1073 | 12967493 | 2380924 | 5.45 |
| 12 | Mar-10 | 11877 | 1073 | 12744984 | 2399109 | 5.31 |
| * Feeder wise data is calculated seperately for whole company | | | | | | |