

| <b>Uttar Gujarat Vij Company Ltd ,Mehsana</b>                            |               |   |   |                                     |
|--|---------------|---|---|-------------------------------------|
| <b>QUARTER :-1st April-09 June-09</b>                                    |               |   |   |                                     |
| <b>YEAR :-2009-10</b>  |               |   |   |                                     |
| <b>SoP 011 - A : System Average Interruption Frequency Index (SAIFI)</b> |               |   |   |                                     |
| <b>Sr. No.</b>   | <b>Month</b>  | <b>Ni-Total No.of customers for each sustained interruptions (in numbers)</b> | <b>Nt-Total No.of customers served (in numbers)</b> | <b>SAIFI= Ni/Nt (Monthly SAIFI)</b> |
| <b>1</b>   | <b>2</b>      | <b>3</b>  | <b>4</b>  | <b>5=3/4</b>                        |
| 1  | <b>Apr-09</b> | 1108632   | 2252154   | <b>0.49</b>                         |
| 2  | <b>May-09</b> | 1123175   | 2258388   | <b>0.50</b>                         |
| 3  | <b>Jun-09</b> | 3018305   | 2274981   | <b>1.33</b>                         |
|  |               |   |   |                                     |
|  |               |   |   |                                     |
|  |               |   |   |                                     |
| <b>* Feeder wise data is calculated seperately for whole company</b>     |               |   |   |                                     |

# Uttar Gujarat Vij Company Ltd ,Mehsana

QUARTER :-1st April-09 to June-09

YEAR :-2008-09

## 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 <sub>T</sub> -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   | <b>Apr-09</b> | 1798:53:20   | 632   | 1136482:40:20   | 2252154   | <b>0:30:17</b>                                       |
| 2   | <b>May-09</b> | 1987:45:25   | 693   | 1377162:36:40   | 2258388   | <b>0:36:35</b>                                       |
| 3   | <b>Jun-09</b> | 7329:2500  | 555   | 4071472:21:00   | 2274981   | <b>1:47:23</b>                                       |
|   |               |  |   |   |   |  |
|   |               |  |   |   |   |  |
|   |               |  |   |   |   |  |
| * Feeder wise data is calculated seperately for whole company |               |  |   |   |   |  |

## Uttar Gujarat Vij Company Ltd ,Mehsana

QUARTER :1st April-09 to June-09

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 <sub>T</sub> -Total No.of customers served (in numbers) | MAIFI= Imi*Nmi/N <sub>T</sub> |
|---------|---------------|--|---|---|---|-------------------------------|
| 1       | 2             | 3  | 4   | (5)=(3)*(4)   | 6   | (7) = (5) / (6)               |
| 1       | <b>Apr-09</b> | 17081  | 1074  | 18350457  | 2252154   | <b>8.15</b>                   |
| 2       | <b>May-09</b> | 14040  | 1023  | 14359807  | 2258388   | <b>6.36</b>                   |
| 3       | <b>Jun-09</b> | 18461  | 1052  | 19429480  | 2274981   | <b>8.54</b>                   |
|         |               |  |   |   |   |                               |
|         |               |  |   |   |   |                               |
|         |               |  |   |   |   |                               |

\* Feeder wise data is calculated seperately for whole company