

M.S.E.D.C.L.

Annexure- IV

Performance Report regarding Reliability Indices

Format for Quarterly Reports to be submitted to the Commission by the Distribution Licensee (June-2019)

(1) System Average Interruption Duration Index (SAIDI)

| Sr.No. | Month | Ni = Number of consumers who experienced a sustained interruption on i th feeder | Ri = Restoration time for each interruption event on i th feeder | Nt = Total number of consumers of the distribution Licensees area | Sum (Ri*Ni) for all feeders excluding argi. Feeders) | SAIDI = (6)/(5) (In minutes) |
|--------|--------------|---|---|---|--|------------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 1 | April-19 | 34563113 | 8295210 | 20427168 | 5471133375 | 267.84 |
| 2 | May-19 | 28500552 | 8050140 | 20210666 | 5005113150 | 247.65 |
| 3 | June-19 | 23374845 | 5307015 | 19654419 | 3715803150 | 189.06 |
| | Total | 86438510 | 21652365 | 60292253 | 14192049675 | 235.39 |

(2) System Average Interruption Frequency Index (SAIFI)

| Sr.No. | Month | Ni = Number of consumers who experienced a sustained interruption on i th feeder | Sum of consumers of i feeders which had experienced interruptions = Sum Ni | Nt = Total number of consumers of the distribution Licensees area | SAIFI = (4)/(5) |
|--------|--------------|---|--|---|-----------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 1 | April-19 | 34563113 | 34563113 | 20427168 | 1.69 |
| 2 | May-19 | 28500552 | 28500552 | 20210666 | 1.41 |
| 3 | June-19 | 23374845 | 23374845 | 19654419 | 1.19 |
| | Total | 86438510 | 86438510 | 60292253 | 1.43 |

(3) Customer Average Interruption Duration Index (CAIDI)

| Sr.No. | Month | SAIDI | SAIFI | (CAIDI) =(3)/(4) |
|--------|--------------|---------------|-------------|------------------|
| (1) | (2) | (3) | (4) | (5) |
| 1 | April-19 | 267.84 | 1.69 | 158.29 |
| 2 | May-19 | 247.65 | 1.41 | 175.61 |
| 3 | June-19 | 189.06 | 1.19 | 158.97 |
| | Total | 235.39 | 1.43 | 164.19 |

Note:-

The Indices provided herein are computed based on the data provided by the field offices which is subjected to subsequent corrections if any.