



**Annexure-IV**

Performance Report regarding Reliability Indices

(1) System Average Interruption Duration Index (SAIDI)

(Regulation 10 of MERC, Standards of Performance Regulations, 2014)

| Sr. No. | Month                | Ni = Number of consumers who experienced a sustained interruption on ith feeder | Ri= Restoration time for each interruption event on ith feeder | Nt=Total number of consumers of the distribution Licensees area | Sum (Ri*Ni) for all feeders excluding agri. Feeders) | SAIDI = 6/5  |
|---------|----------------------|---|--|---|--|--------------|
| 1       | 2                    | 3   | 4  | 5   | 6  | 7            |
| 1       | Jul-16               | 196   | 10   | 97067   | 1960   | 0.020        |
| 2       | Jul-16               | 422   | 20.597   | 97067   | 8692   | 0.090        |
| 3       | Jul-16               | 82  | 18.305   | 97067   | 1501   | 0.015        |
| 4       | Jul-16               | 378   | 10.852   | 97067   | 4102   | 0.042        |
| 5       | Jul-16               | 3   | 25.667   | 97067   | 77   | 0.001        |
| 6       | Jul-16               | 116   | 15   | 97067   | 1740   | 0.018        |
| 7       | Jul-16               | 156   | 16.090   | 97067   | 2510   | 0.026        |
| 8       | Jul-16               | 246   | 25.268   | 97067   | 6216   | 0.064        |
| 9       | Jul-16               | 431   | 20   | 97067   | 8620   | 0.089        |
| 10      | Jul-16               | 139   | 22   | 97067   | 3058   | 0.032        |
|         | <b>Total July-16</b> | <b>2169</b>   | <b>17.73</b>   | <b>97067</b>  | <b>38476</b>   | <b>0.390</b> |
|         | <b>YTD FY 17</b>     | <b>19811</b>  | <b>21.04</b>   | <b>97067</b>  | <b>416939</b>  | <b>4.330</b> |



**Annexure-IV**

Performance Report regarding Reliability Indices  
 (2) System Average Interruption Frequency Index (SAIFI)  
 (Regulation 10 of MERC, Standards of Performance Regulations, 2014)

| Sr. No. | Month                 | Ni = Number of consumers who experienced a sustained interruption on ith 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       | Jul-16                | 196   | 196   | 97067   | 0.002        |
| 2       | Jul-16                | 422   | 422   | 97067   | 0.004        |
| 3       | Jul-16                | 82  | 82  | 97067   | 0.001        |
| 4       | Jul-16                | 378   | 378   | 97067   | 0.004        |
| 5       | Jul-16                | 3   | 3   | 97067   | 0.000        |
| 6       | Jul-16                | 116   | 116   | 97067   | 0.001        |
| 7       | Jul-16                | 156   | 156   | 97067   | 0.002        |
| 8       | Jul-16                | 246   | 246   | 97067   | 0.003        |
| 9       | Jul-16                | 431   | 431   | 97067   | 0.004        |
| 10      | Jul-16                | 139   | 139   | 97067   | 0.001        |
|         | <b>Total Jul - 16</b> | <b>2169</b>   | <b>2169</b>   | <b>97067</b>  | <b>0.022</b> |
|         | <b>YTD FY 17</b>      | <b>19811</b>  | <b>19811</b>  | <b>97067</b>  | <b>0.204</b> |



#### Annexure-IV

Performance Report regarding Reliability Indices  
(3) Customer Average Interruption Duration Index (CAIDI)  
(Regulation 10 of MERC, Standards of Performance Regulations, 2014)

| Sr. No. | Month                 | SAIDI        | SAIFI        | SAIDI/SAIFI  |
|---------|-----------------------|--------------|--------------|--------------|
| 1       | 2                     | 3            | 4            | 5            |
| 1       | Jul-16                | 0.020        | 0.002        | 10           |
| 2       | Jul-16                | 0.090        | 0.004        | 20.597       |
| 3       | Jul-16                | 0.015        | 0.001        | 18.305       |
| 4       | Jul-16                | 0.042        | 0.004        | 10.852       |
| 5       | Jul-16                | 0.001        | 0.000        | 25.667       |
| 6       | Jul-16                | 0.018        | 0.001        | 15.000       |
| 7       | Jul-16                | 0.026        | 0.002        | 16.090       |
| 8       | Jul-16                | 0.064        | 0.003        | 25.268       |
| 9       | Jul-16                | 0.089        | 0.004        | 20           |
| 10      | Jul-16                | 0.032        | 0.001        | 22           |
|         | <b>Total Jul - 16</b> | <b>0.390</b> | <b>0.022</b> | <b>17.73</b> |
|         | <b>YTD FY 17</b>      | <b>4.330</b> | <b>0.204</b> | <b>21.04</b> |