



**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                        | Aug-20 | 127   | 11.157   | 154668  | 1417   | 0.145        |
| 2                        | Aug-20 | 621   | 19.728   | 154668  | 12251  | 1.270        |
| 3                        | Aug-20 | 346   | 34.104   | 154668  | 11800  | 0.591        |
| 4                        | Aug-20 | 129   | 9.093  | 154668  | 1173   | 0.120        |
| 5                        | Aug-20 | 17  | 29.000   | 154668  | 493  | 0.025        |
| 6                        | Aug-20 | 21  | 42.571   | 154668  | 894  | 0.026        |
| 7                        | Aug-20 | 12  | 14.000   | 154668  | 168  | 0.017        |
| 8                        | Aug-20 | 1059  | 18.000   | 154668  | 19062  | 0.465        |
| 9                        | Aug-20 | 387   | 24.000   | 154668  | 9288   | 0.234        |
| 10                       | Aug-20 | 90  | 15.000   | 154668  | 1350   | 0.039        |
| 11                       | Aug-20 | 37  | 29.135   | 154668  | 1078   | 0.054        |
| 12                       | Aug-20 | 7   | 14.571   | 154668  | 102  | 0.011        |
| 13                       | Aug-20 | 1   | 44.000   | 154668  | 44   | 0.005        |
| 14                       | Aug-20 | 34  | 9.000  | 154668  | 306  | 0.009        |
| 15                       | Aug-20 | 33  | 10.000   | 154668  | 330  | 0.034        |
| 16                       | Aug-20 | 41  | 11.000   | 154668  | 451  | 0.023        |
| 17                       | Aug-20 | 1219  | 9.168  | 154668  | 11176  | 0.281        |
| 18                       | Aug-20 | 1   | 23.000   | 154668  | 23   | 0.001        |
| 19                       | Aug-20 | 167   | 10.000   | 154668  | 1670   | 0.041        |
| 20                       | Aug-20 | 34  | 15.000   | 154668  | 510  | 0.015        |
| <b>Total August 2020</b> |        | <b>4383</b>   | <b>16.780</b>  | <b>154668</b>   | <b>73586</b>   | <b>0.475</b> |
| <b>YTD FY-21</b>         |        | <b>33953</b>  | <b>16.640</b>  | <b>154668</b>   | <b>565317</b>  | <b>3.655</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   |              |
| 1                        | Aug-20 | 127   | 127   | 154668  | 0.013        |
| 2                        | Aug-20 | 621   | 621   | 154668  | 0.064        |
| 3                        | Aug-20 | 346   | 346   | 154668  | 0.017        |
| 4                        | Aug-20 | 129   | 129   | 154668  | 0.013        |
| 5                        | Aug-20 | 17  | 17  | 154668  | 0.001        |
| 6                        | Aug-20 | 21  | 21  | 154668  | 0.001        |
| 7                        | Aug-20 | 12  | 12  | 154668  | 0.001        |
| 8                        | Aug-20 | 1059  | 1059  | 154668  | 0.026        |
| 9                        | Aug-20 | 387   | 387   | 154668  | 0.010        |
| 10                       | Aug-20 | 90  | 90  | 154668  | 0.003        |
| 11                       | Aug-20 | 37  | 37  | 154668  | 0.002        |
| 12                       | Aug-20 | 7   | 7   | 154668  | 0.001        |
| 13                       | Aug-20 | 1   | 1   | 154668  | 0.000        |
| 14                       | Aug-20 | 34  | 34  | 154668  | 0.001        |
| 15                       | Aug-20 | 33  | 33  | 154668  | 0.003        |
| 16                       | Aug-20 | 41  | 41  | 154668  | 0.002        |
| 17                       | Aug-20 | 1219  | 1219  | 154668  | 0.031        |
| 18                       | Aug-20 | 1   | 1   | 154668  | 0.000        |
| 19                       | Aug-20 | 167   | 167   | 154668  | 0.004        |
| 20                       | Aug-20 | 34  | 34  | 154668  | 0.001        |
| <b>Total August 2020</b> |        | <b>4383</b>   | <b>4383</b>   | <b>154668</b>   | <b>0.028</b> |
| <b>YTD FY-21</b>         |        | <b>33953</b>  | <b>33953</b>  | <b>154668</b>   | <b>0.220</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                        | Aug-20 | 0.15        | 0.01        | 11.16        |
| 2                        | Aug-20 | 1.27        | 0.06        | 19.73        |
| 3                        | Aug-20 | 0.59        | 0.02        | 34.10        |
| 4                        | Aug-20 | 0.12        | 0.01        | 9.09         |
| 5                        | Aug-20 | 0.02        | 0.00        | 29.00        |
| 6                        | Aug-20 | 0.03        | 0.00        | 42.57        |
| 7                        | Aug-20 | 0.02        | 0.00        | 14.00        |
| 8                        | Aug-20 | 0.46        | 0.03        | 18.00        |
| 9                        | Aug-20 | 0.23        | 0.01        | 24.00        |
| 10                       | Aug-20 | 0.04        | 0.00        | 15.00        |
| 11                       | Aug-20 | 0.05        | 0.00        | 29.14        |
| 12                       | Aug-20 | 0.01        | 0.00        | 14.57        |
| 13                       | Aug-20 | 0.00        | 0.00        | 44.00        |
| 14                       | Aug-20 | 0.01        | 0.00        | 9.00         |
| 15                       | Aug-20 | 0.03        | 0.00        | 10.00        |
| 16                       | Aug-20 | 0.02        | 0.00        | 11.00        |
| 17                       | Aug-20 | 0.28        | 0.03        | 9.17         |
| 18                       | Aug-20 | 0.00        | 0.00        | 23.00        |
| 19                       | Aug-20 | 0.04        | 0.00        | 10.00        |
| 20                       | Aug-20 | 0.01        | 0.00        | 15.00        |
| <b>Total August 2020</b> |        | <b>0.48</b> | <b>0.03</b> | <b>16.78</b> |
| <b>YTD FY-21</b>         |        | <b>3.66</b> | <b>0.22</b> | <b>16.64</b> |