



Annexure-VII

Performance Report regarding Reliability Indices

(1) System Average Interruption Duration Index (SAIDI)

(Regulation 22.12 of MERC, (Electricity Supply Code and Standards of Performance of Distribution Licensees including Power Quality) Regulations, 2021)

| 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 | May-23 | 501 | 9.47 | 211685 | 4744.47 | 0.02 |
| 2 | May-23 | 211 | 9.57 | 211685 | 2019.27 | 0.01 |
| 3 | May-23 | 129 | 11.31 | 211685 | 1458.99 | 0.01 |
| 4 | May-23 | 78 | 16.49 | 211685 | 1286.22 | 0.01 |
| 5 | May-23 | 78 | 10.00 | 211685 | 780.00 | 0.00 |
| 6 | May-23 | 66 | 10.15 | 211685 | 669.90 | 0.00 |
| 7 | May-23 | 107 | 9.00 | 211685 | 963.00 | 0.00 |
| 8 | May-23 | 6 | 14.00 | 211685 | 84.00 | 0.00 |
| 9 | May-23 | 37 | 15.83 | 211685 | 585.71 | 0.00 |
| 10 | May-23 | 4 | 13.75 | 211685 | 55.00 | 0.00 |
| 11 | May-23 | 1 | 25.00 | 211685 | 25.00 | 0.00 |
| 12 | May-23 | 1 | 24.00 | 211685 | 24.00 | 0.00 |
| 13 | May-23 | 137 | 18.97 | 211685 | 2598.89 | 0.01 |
| 14 | May-23 | 170 | 14.00 | 211685 | 2380.00 | 0.01 |
| 15 | May-23 | 1972 | 23.70 | 211685 | 46736.40 | 0.22 |
| 16 | May-23 | 160 | 12.00 | 211685 | 1920.00 | 0.01 |
| 17 | May-23 | 490 | 18.81 | 211685 | 9216.90 | 0.04 |
| 18 | May-23 | 4 | 35.00 | 211685 | 140.00 | 0.00 |
| 19 | May-23 | 117 | 14.00 | 211685 | 1638.00 | 0.01 |
| 20 | May-23 | 360 | 7.96 | 211685 | 2865.60 | 0.01 |
| 21 | May-23 | 398 | 12.72 | 211685 | 5062.56 | 0.02 |
| 22 | May-23 | 2 | 34.00 | 211685 | 68.00 | 0.00 |
| 23 | May-23 | 339 | 40.40 | 211685 | 13695.60 | 0.06 |
| 24 | May-23 | 66 | 8.25 | 211685 | 544.50 | 0.00 |
| 25 | May-23 | 377 | 9.28 | 211685 | 3498.56 | 0.02 |
| 26 | May-23 | 21 | 19.57 | 211685 | 410.97 | 0.00 |
| 27 | May-23 | 377 | 8.96 | 211685 | 3377.92 | 0.02 |
| 28 | May-23 | 7 | 9.00 | 211685 | 63.00 | 0.00 |
| 29 | May-23 | 422 | 10.94 | 211685 | 4616.68 | 0.02 |
| Total May 2023 | | 6638 | 16.80 | 211685 | 111538 | 0.53 |
| YTD FY-24 | | 17319 | 15.88 | 211685 | 275035 | 1.30 |



Annexure-VII

Performance Report regarding Reliability Indices

(2) System Average Interruption Frequency Index (SAIFI)

(Regulation 22.12 of MERC, (Electricity Supply Code and Standards of Performance of Distribution Licensees including Power Quality) Regulations, 2021)

| 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 | May-23 | 501 | 501 | 211685 | 0.002 |
| 2 | May-23 | 211 | 211 | 211685 | 0.001 |
| 3 | May-23 | 129 | 129 | 211685 | 0.001 |
| 4 | May-23 | 78 | 78 | 211685 | 0.000 |
| 5 | May-23 | 78 | 78 | 211685 | 0.000 |
| 6 | May-23 | 66 | 66 | 211685 | 0.000 |
| 7 | May-23 | 107 | 107 | 211685 | 0.001 |
| 8 | May-23 | 6 | 6 | 211685 | 0.000 |
| 9 | May-23 | 37 | 37 | 211685 | 0.000 |
| 10 | May-23 | 4 | 4 | 211685 | 0.000 |
| 11 | May-23 | 1 | 1 | 211685 | 0.000 |
| 12 | May-23 | 1 | 1 | 211685 | 0.000 |
| 13 | May-23 | 137 | 137 | 211685 | 0.001 |
| 14 | May-23 | 170 | 170 | 211685 | 0.001 |
| 15 | May-23 | 1972 | 1972 | 211685 | 0.009 |
| 16 | May-23 | 160 | 160 | 211685 | 0.001 |
| 17 | May-23 | 490 | 490 | 211685 | 0.002 |
| 18 | May-23 | 4 | 4 | 211685 | 0.000 |
| 19 | May-23 | 117 | 117 | 211685 | 0.001 |
| 20 | May-23 | 360 | 360 | 211685 | 0.002 |
| 21 | May-23 | 398 | 398 | 211685 | 0.002 |
| 22 | May-23 | 2 | 2 | 211685 | 0.000 |
| 23 | May-23 | 339 | 339 | 211685 | 0.002 |
| 24 | May-23 | 66 | 66 | 211685 | 0.000 |
| 25 | May-23 | 377 | 377 | 211685 | 0.002 |
| 26 | May-23 | 21 | 21 | 211685 | 0.000 |
| 27 | May-23 | 377 | 377 | 211685 | 0.002 |
| 28 | May-23 | 7 | 7 | 211685 | 0.000 |
| 29 | May-23 | 422 | 422 | 211685 | 0.002 |
| Total May 2023 | | 6638 | 6638 | 211685 | 0.0314 |
| YTD FY-24 | | 17319 | 17319 | 211685 | 0.0818 |



Annexure-VII

Performance Report regarding Reliability Indices
 (3) Customer Average Interruption Duration Index (CAIDI)
 (Regulation 22.12 of MERC, (Electricity Supply Code and Standards of Performance of
 Distribution Licensees including Power Quality) Regulations, 2021)

| Sr. No. | Month | SAIDI | SAIFI | SAIDI/SAIFI |
|-----------------------|--------|--------------|---------------|--------------|
| 1 | 2 | 3 | 4 | 5 |
| 1 | May-23 | 0.02 | 0.00 | 9.47 |
| 2 | May-23 | 0.01 | 0.00 | 9.57 |
| 3 | May-23 | 0.01 | 0.00 | 11.31 |
| 4 | May-23 | 0.01 | 0.00 | 16.49 |
| 5 | May-23 | 0.00 | 0.00 | 10.00 |
| 6 | May-23 | 0.00 | 0.00 | 10.15 |
| 7 | May-23 | 0.00 | 0.00 | 9.00 |
| 8 | May-23 | 0.00 | 0.00 | 14.00 |
| 9 | May-23 | 0.00 | 0.00 | 15.83 |
| 10 | May-23 | 0.00 | 0.00 | 13.75 |
| 11 | May-23 | 0.00 | 0.00 | 25.00 |
| 12 | May-23 | 0.00 | 0.00 | 24.00 |
| 13 | May-23 | 0.01 | 0.00 | 18.97 |
| 14 | May-23 | 0.01 | 0.00 | 14.00 |
| 15 | May-23 | 0.22 | 0.01 | 23.70 |
| 16 | May-23 | 0.01 | 0.00 | 12.00 |
| 17 | May-23 | 0.04 | 0.00 | 18.81 |
| 18 | May-23 | 0.00 | 0.00 | 35.00 |
| 19 | May-23 | 0.01 | 0.00 | 14.00 |
| 20 | May-23 | 0.01 | 0.00 | 7.96 |
| 21 | May-23 | 0.02 | 0.00 | 12.72 |
| 22 | May-23 | 0.00 | 0.00 | 34.00 |
| 23 | May-23 | 0.06 | 0.00 | 40.40 |
| 24 | May-23 | 0.00 | 0.00 | 8.25 |
| 25 | May-23 | 0.02 | 0.00 | 9.28 |
| 26 | May-23 | 0.00 | 0.00 | 19.57 |
| 27 | May-23 | 0.02 | 0.00 | 8.96 |
| 28 | May-23 | 0.00 | 0.00 | 9.00 |
| 29 | May-23 | 0.02 | 0.00 | 10.94 |
| Total May 2023 | | 0.527 | 0.0314 | 16.80 |
| YTD FY-24 | | 1.299 | 0.0818 | 15.88 |