



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 | Apr-17 | 711 | 19.92 | 107922 | 14160 | 0.485 |
| 2 | Apr-17 | 1314 | 12.51 | 107922 | 16440 | 0.563 |
| 3 | Apr-17 | 25 | 20.00 | 107922 | 500 | 0.033 |
| 4 | Apr-17 | 1 | 25.00 | 107922 | 25 | 0.001 |
| 5 | Apr-17 | 240 | 50.08 | 107922 | 12018 | 0.787 |
| 6 | Apr-17 | 918 | 22.00 | 107922 | 20196 | 0.658 |
| 7 | Apr-17 | 98 | 45.20 | 107922 | 4430 | 0.152 |
| 8 | Apr-17 | 3 | 16.00 | 107922 | 48 | 0.002 |
| 9 | Apr-17 | 342 | 37.39 | 107922 | 12786 | 1.660 |
| 10 | Apr-17 | 347 | 20.00 | 107922 | 6940 | 0.238 |
| 11 | Apr-17 | 383 | 38.00 | 107922 | 14554 | 1.889 |
| 12 | Apr-17 | 191 | 28.00 | 107922 | 5348 | 0.174 |
| 13 | Apr-17 | 199 | 32.82 | 107922 | 6531 | 0.224 |
| 14 | Apr-17 | 488 | 25.97 | 107922 | 12672 | 0.830 |
| 15 | Apr-17 | 4 | 9.00 | 107922 | 36 | 0.001 |
| 16 | Apr-17 | 1081 | 31.00 | 107922 | 33511 | 1.147 |
| 17 | Apr-17 | 252 | 15.84 | 107922 | 3992 | 0.518 |
| 18 | Apr-17 | 1425 | 15.66 | 107922 | 22311 | 0.727 |
| 19 | Apr-17 | 20 | 25.00 | 107922 | 500 | 0.065 |
| 20 | Apr-17 | 393 | 25.00 | 107922 | 9825 | 0.643 |
| 21 | Apr-17 | 227 | 13.88 | 107922 | 3150 | 0.134 |
| 22 | Apr-17 | 40 | 39.00 | 107922 | 1560 | 0.191 |
| 23 | Apr-17 | 70 | 8.26 | 107922 | 578 | 0.038 |
| | Total April - 17 | 8772 | 23.04 | 107922 | 202111 | 1.870 |
| | YTD FY 18 | 8772 | 23.04 | 107922 | 202111 | 1.870 |



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 | Apr-17 | 711 | 711 | 107922 | 0.0243 |
| 2 | Apr-17 | 1314 | 1314 | 107922 | 0.0450 |
| 3 | Apr-17 | 25 | 25 | 107922 | 0.0016 |
| 4 | Apr-17 | 1 | 1 | 107922 | 0.0000 |
| 5 | Apr-17 | 240 | 240 | 107922 | 0.0157 |
| 6 | Apr-17 | 918 | 918 | 107922 | 0.0299 |
| 7 | Apr-17 | 98 | 98 | 107922 | 0.0034 |
| 8 | Apr-17 | 3 | 3 | 107922 | 0.0001 |
| 9 | Apr-17 | 342 | 342 | 107922 | 0.0444 |
| 10 | Apr-17 | 347 | 347 | 107922 | 0.0119 |
| 11 | Apr-17 | 383 | 383 | 107922 | 0.0497 |
| 12 | Apr-17 | 191 | 191 | 107922 | 0.0062 |
| 13 | Apr-17 | 199 | 199 | 107922 | 0.0068 |
| 14 | Apr-17 | 488 | 488 | 107922 | 0.0320 |
| 15 | Apr-17 | 4 | 4 | 107922 | 0.0001 |
| 16 | Apr-17 | 1081 | 1081 | 107922 | 0.0370 |
| 17 | Apr-17 | 252 | 252 | 107922 | 0.0327 |
| 18 | Apr-17 | 1425 | 1425 | 107922 | 0.0464 |
| 19 | Apr-17 | 20 | 20 | 107922 | 0.0026 |
| 20 | Apr-17 | 393 | 393 | 107922 | 0.0257 |
| 21 | Apr-17 | 227 | 227 | 107922 | 0.0097 |
| 22 | Apr-17 | 40 | 40 | 107922 | 0.0049 |
| 23 | Apr-17 | 70 | 70 | 107922 | 0.0046 |
| | Total April - 17 | 8772 | 8772 | 107922 | 0.0813 |
| | YTD FY 18 | 8772 | 8772 | 107922 | 0.0813 |



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 | Apr-17 | 0.485 | 0.02 | 19.92 |
| 2 | Apr-17 | 0.563 | 0.04 | 12.51 |
| 3 | Apr-17 | 0.033 | 0.00 | 20.00 |
| 4 | Apr-17 | 0.001 | 0.00 | 25.00 |
| 5 | Apr-17 | 0.787 | 0.02 | 50.08 |
| 6 | Apr-17 | 0.658 | 0.03 | 22.00 |
| 7 | Apr-17 | 0.152 | 0.00 | 45.20 |
| 8 | Apr-17 | 0.002 | 0.00 | 16.00 |
| 9 | Apr-17 | 1.660 | 0.04 | 37.39 |
| 10 | Apr-17 | 0.238 | 0.01 | 20.00 |
| 11 | Apr-17 | 1.889 | 0.05 | 38.00 |
| 12 | Apr-17 | 0.174 | 0.01 | 28.00 |
| 13 | Apr-17 | 0.224 | 0.01 | 32.82 |
| 14 | Apr-17 | 0.830 | 0.03 | 25.97 |
| 15 | Apr-17 | 0.001 | 0.00 | 9.00 |
| 16 | Apr-17 | 1.147 | 0.04 | 31.00 |
| 17 | Apr-17 | 0.518 | 0.03 | 15.84 |
| 18 | Apr-17 | 0.727 | 0.05 | 15.66 |
| 19 | Apr-17 | 0.065 | 0.00 | 25.00 |
| 20 | Apr-17 | 0.643 | 0.03 | 25.00 |
| 21 | Apr-17 | 0.134 | 0.01 | 13.88 |
| 22 | Apr-17 | 0.191 | 0.00 | 39.00 |
| 23 | Apr-17 | 0.038 | 0.00 | 8.26 |
| | Total April - 17 | 1.870 | 0.08 | 23.04 |
| | YTD FY 18 | 1.870 | 0.08 | 23.04 |