

Annexure-IV

Performance Report regarding Reliability Indices By Nidar Utilities Panvel LLP

(I) System Average Interruption Duration Index (SAIDI)

| 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 (in Min) |
|---------|--------|---|--|---|---|----------------------|
| (1). | (2). | (3). | (4). | (5). | (6). | (7). |
| 1 | Jul-20 | 0 | 0 | 477 | 0 | 0 |
| 2 | Aug-20 | 0 | 0 | 499 | 0 | 0 |
| 3 | Sep-20 | 516 | 14 | 519 | 7224 | 14 |
| | Total | 516 | 14 | 519 | 7224 | 14 |

(II) System Average Interruption Frequency Index (SAIFI)

| 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 | Nt=Total number of consumers of the distribution Licensees area | SAIFI = (4)/(5) |
|---------|--------|---|---|---|-----------------|
| (1). | (2). | (3). | (4). | (5). | (6). |
| 1 | Jul-20 | 0 | 0 | 477 | 0.00 |
| 2 | Aug-20 | 0 | 0 | 499 | 0.00 |
| 3 | Sep-20 | 516 | 516 | 519 | 0.99 |
| | Total | 516 | 516 | 519 | 1 |

(III) Customer Average Interruption Duration Index (CAIDI)

| Sr. No. | Month | SAIDI | SAIFI | SAIDI / SAIFI |
|---------|--------|-------|-------|---------------|
| (1). | (2). | (3). | (4). | (5). |
| 1 | Jul-20 | 0.00 | 0.00 | 0.00 |
| 2 | Aug-20 | 0.00 | 0.00 | 0.00 |
| 3 | Sep-20 | 13.92 | 0.99 | 14.00 |
| | Total | 13.92 | 0.99 | 14.00 |

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