

**Annexure-VII- Performance Report regarding Reliability Indices**  
**Format for Quarterly Return to be submitted to the Commission by the NIDAR Utilities Panvel LLP**

**(1) 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       | Jan-24 | 0                                                                               | 0                                                              | 2219                                                            | 0                                                    | 0                    |
| 2       | Feb-24 | 0                                                                               | 0                                                              | 2232                                                            | 0                                                    | 0                    |
| 3       | Mar-24 | 0                                                                               | 0                                                              | 2250                                                            | 0                                                    | 0                    |
|         | Total  | 0                                                                               | 0                                                              | 2250                                                            | 0                                                    | 0.00                 |

**(2) 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=Sum Ni | Nt=Total number of consumers of the distribution Licensees area | SAIFI = (4)/(5) |
|---------|--------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------|
| (1).    | (2).   | (3).                                                                            | (4).                                                                     | (5).                                                            | (6).            |
| 1       | Jan-24 | 0                                                                               | 0                                                                        | 2219                                                            | 0.00            |
| 2       | Feb-24 | 0                                                                               | 0                                                                        | 2232                                                            | 0.00            |
| 3       | Mar-24 | 0                                                                               | 0                                                                        | 2250                                                            | 0.00            |
|         | Total  | 0                                                                               | 0                                                                        | 2250                                                            | 0.00            |

**(3) Customer Average Interruption Duration Index (CAIDI)**

| Sr. No. | Month  | SAIDI | SAIFI | SAIDI / SAIFI |
|---------|--------|-------|-------|---------------|
| (1).    | (2).   | (3).  | (4).  | (5).          |
| 1       | Jan-24 | 0.00  | 0.00  | 0.00          |
| 2       | Feb-24 | 0.00  | 0.00  | 0.00          |
| 3       | Mar-24 | 0.00  | 0.00  | 0.00          |
|         | Total  | 0.00  | 0.00  | 0.00          |

**(4) Customer Average Interruption Duration Index (CAIDI) for HT Consumers**

| Sr. No. | Month  | Ni = Number of HT consumers who experienced a sustained interruption | Ri= Restoration time for each interruption event of HT Consumers | Sum. (Ri*Ni) for all HT Consumers | CAIDI = (5)/(3) |
|---------|--------|----------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------|-----------------|
| (1).    | (2).   | (3).                                                                 | (4).                                                             | (5).                              | (6).            |
| 1       | Jan-24 | 0.00                                                                 | 0.00                                                             | 0.00                              | 0.00            |
| 2       | Feb-24 | 0.00                                                                 | 0.00                                                             | 0.00                              | 0.00            |
| 3       | Mar-24 | 0.00                                                                 | 0.00                                                             | 0.00                              | 0.00            |
|         | Total  | 0.00                                                                 | 0.00                                                             | 0.00                              | 0.00            |

