Year 2020 Reliability Indices (SAIDI, SAIFI and CAIDI) – Port Louis Region

Monthly Values

No.	Parameters	Units	Areas	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20
1	SAIDI	Minutes	PL	7.28	9.06	6.38	0.56	1.08	9.96	17	6.52	8.5	7.08	11.39	5.52
2	SAIFI	Index	PL	0.07	0.04	0.04	0.01	0.01	0.03	0.08	0.03	0.04	0.04	0.09	0.06

Yearly Values

SAIDI:	1.51 hrs/customer/year
SAIFI:	0.54 interruptions/customer/year
CAIDI:	2.79 hrs/customer/year

1. The URA has examined the general computation process and methodology used by the Central Electricity Board (CEB) and observed that they are in line with the basic requirements of IEEE Std 1366 – 2012 (IEEE Guide for Electric Power Distribution Reliability Indices). The URA review of CEB Reliability Indices is based on data supplied by the CEB.

2. The URA will be building on this process to finalise the KPI's framework that it has developed for implementation by all industry operators. The KPI framework covers the following:

I.   KPI's List – A list of selected KPI's to assess licensee's performance

II.   KPI's Manual - The objective of the manual is to give guidance on how to calculate the KPI's.

III.   KPI's Audit Manual – The audit manual provides guidelines for the auditing process.

3. The roll out of the KPI framework to the rest of the operators in the electricity sector will be done after stakeholder consultation and validation process which will be followed by field verification and auditing of input data for the computation of the Reliability Indices.