and welfare injection substation, the second will take care of the faults through EBS and the final isolator will be from Azagba village to Egba village.

2. In order to enhance a simple and effective zoning of the protection system, it is proper that the existing protection system at Ugbowo Injection Substation be relocated to the position where Estate 33KV Isolator is located, and a replacement with the standard rating of the isolator should be effected, to isolate every fault on Ugbowo axis of the network.
3. Proper co-ordination of the protection system should be considered according to the zone or area of coverage for protection. The reliability of a protection system in place but mostly dependent on accurate setting of the protective mechanism. One of the major reasons why CB_3 inter-trip CB_2 is because of poor relay setting at the actual spot in order to trap faults on time.
4. Trace clearing of trees close to transmission lines should be carried out at least twice in a year on the entire network of Guinness 33KV feeder as well as all distribution feeder networks.
5. Proper splitting of Guinness 33KV feeder into sub-feeders, would also help to reduce fault emergence or outcome.
6. Routine maintenance of the feeder's protection system should be carried out within a short period of time.

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