

**EGYPTIAN ELECTRIC COOPERATIVE ASSOCIATION
POLICY BULLETIN NO. 519**

SUBJECT: POWER QUALITY

PURPOSE

To provide safe, reliable, and environmentally sound electric service for its members and a safe work environment for its employees.

OBJECTIVES

- A. To provide members with available information on power quality disturbances such as harmonics and flicker.
- B. Procedures for minimizing potential power quality concerns.

CONTENT

- A. The Cooperative will refer to most current release of IEEE Standard 519 for standards regarding harmonics.
- B. The Cooperative will refer to the most current release of IEEE Standard 141 for standards regarding voltage flicker.
- C. Members should refer to the EECA Electric Service handbook as a guide for any service related questions. The handbook is available at www.eeca.coop.
- D. Power quality disturbances caused by any member may result in the Cooperative installing power quality equipment to resolve the concern. The Cooperative will contact members that it deems is causing power quality concerns for other members. If the member cannot or will not correct the concern, the Cooperative will correct the concern by installing power quality correcting equipment.
- D. The cost of such equipment shall be paid by the member causing the power quality disturbance.
- E. To reduce the chances for power quality concerns, EECA requires that all motors rated at more than 25 horsepower must have a reduced voltage starter. All installation of phase converting equipment will require pre-approval of the System Engineer. Phase convertors will not be allowed for services over ten (10) horsepower.
- F. The cooperative cannot, and therefore does not, guarantee continued & uninterrupted electric service. The members with multi-phase service should have their own protection for the loss of one or more phases of service. The member receiving multi-phase electric service shall indemnify and hold harmless Egyptian Electric Cooperative Association, and release Egyptian Electric Cooperative Association from any and all claims and damages arising from the loss of one or more phases of electric service with or without notification to the member(s) being affected.

RESPONSIBILITY

The Executive Vice-President/General Manager shall be responsible for seeing that this policy is followed.

Date Adopted: 4/26/2016

Date Amended: 11/29/2016