



**Rochelle Municipal Utilities**  
**Electric Operations Division**

## Memo

**To: David Plyman**

**From: Jason Bird**

**CC: Sue Messer**

**Date: 10/7/2015**

**Re: Relay Testing Recommendation**

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RMU had BHMG give a proposal for relay testing of the distribution system and the generation protection. Currently no records can be found of any of the distribution or generation relays ever being tested. It is recommended that electromechanical relays be tested every 2-5 years as these have moving parts and solid state/microprocessor relays be tested every 5 years.

Currently there are approximately 84 generation protective relays in our system. Most of these relays are electromechanical and should be tested as there is no way to determine if they are functional. On the distribution side of the system there are approximately 57 protective relays. The distribution system is about 50/50 electromechanical and microprocessor based.

It would be in RMU's best interest to have the relays tested and have a baseline record keeping of when relays were tested with test reports.

Jason Bird

Superintendent of Electric Operations.