



**Public Service
Commission**

Electric Safety Standards 2014 Performance & Analysis

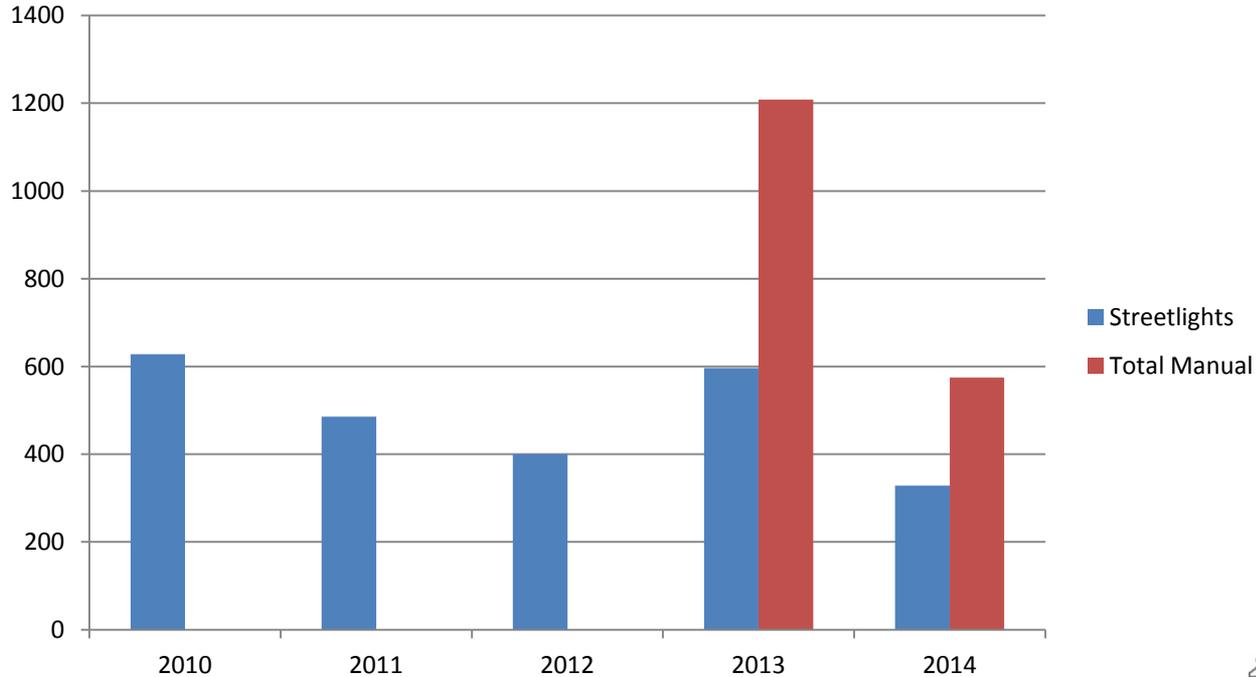
Background

- ❑ Safety Standards Order instituted in 2005
- ❑ Safety Standards include:
 - Stray Voltage Testing
 - Inspections
 - Adoption of NESC

Manual Stray Voltage Testing

- ❑ Annual Stray Voltage Testing Requirements
 - Underground Facilities
 - Streetlights / Traffic Signals
- ❑ 5 year Cycle Stray Voltage Testing Requirements
 - Overhead Facilities
 - Transmission Facilities
- ❑ Total of 1.3 million electric facilities tested in 2014
- ❑ 580 voltage findings of 1.0 volt or more

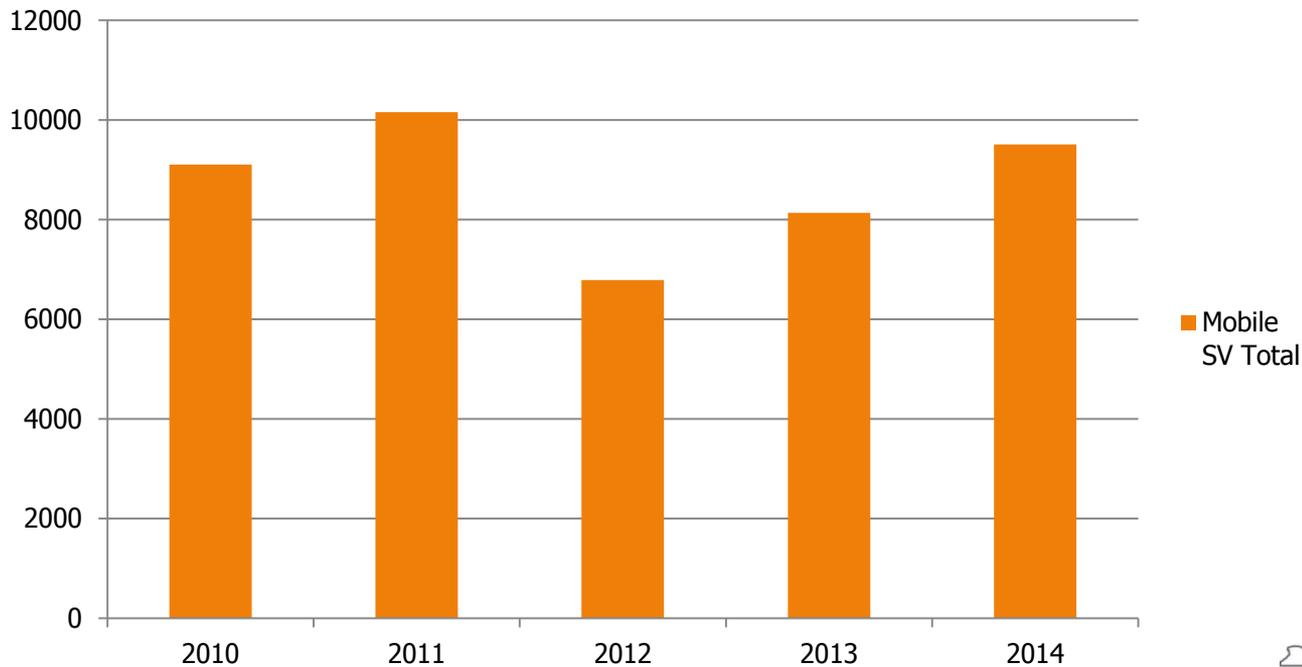
Manual Stray Voltage Testing - Historical Results



Mobile Stray Voltage Testing

- ❑ Mobile Stray Voltage Testing Requirements
 - Con Edison
 - 12 surveys in NYC (Manhattan, Bronx, Queens, Brooklyn)
 - 1 Survey in Yonkers, White Plains, New Rochelle
 - National Grid
 - 2 surveys in Buffalo
 - 1 Survey in Albany and Niagara Falls
 - RGE
 - 1 Survey in Rochester
- ❑ Total of 9,506 voltage findings

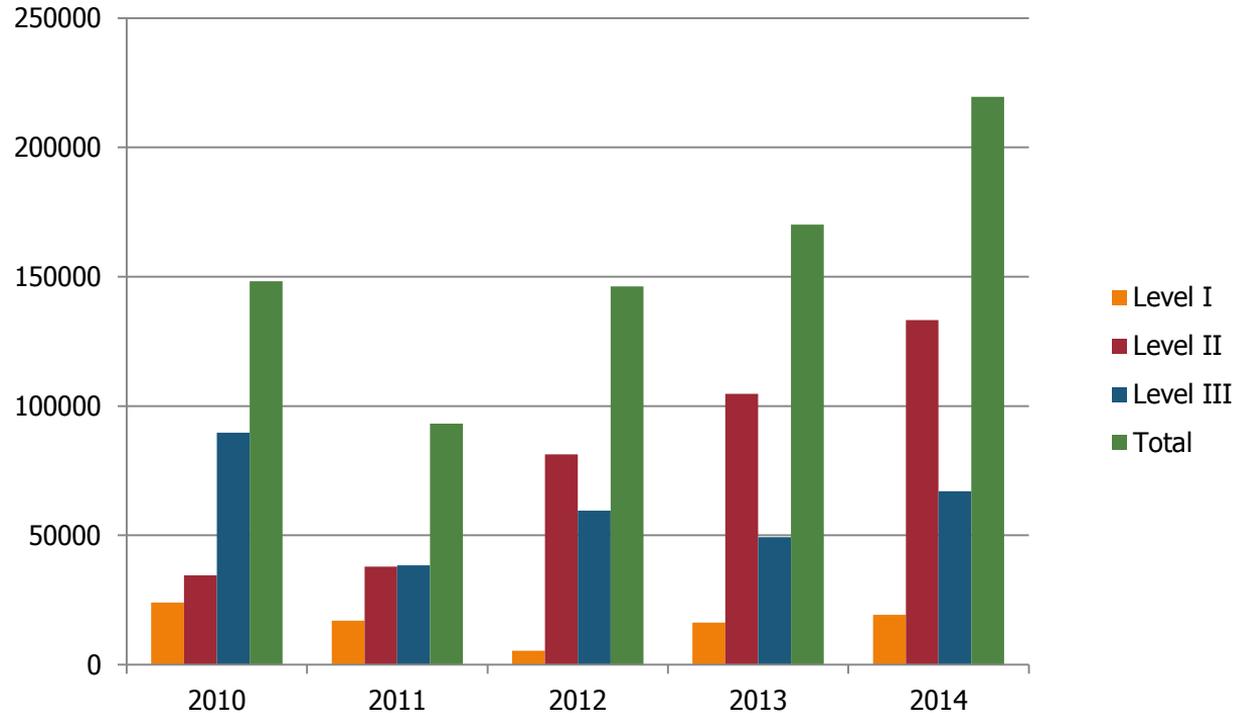
Mobile Stray Voltage Testing - Historical Results



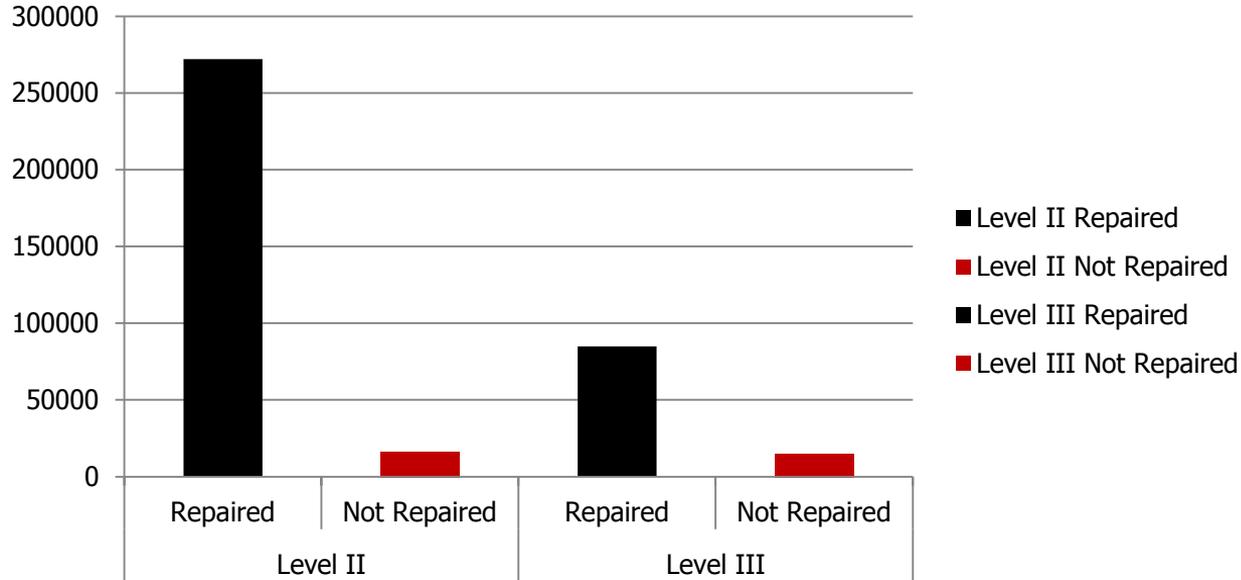
Inspection / Repairs

- ❑ Inspections of 20% of electric facilities per year, and all within 5 years.
 - Overhead Facilities
 - Underground Facilities
 - Transmission
 - Streetlights
- ❑ For 2014, approximately 663,000 inspections were performed
- ❑ All utilities met and completed the minimum 20% inspection requirement
- ❑ Categorize Deficiencies and Repairs
 - Level I deficiencies require repair within 7 days
 - Level II deficiencies require repair within 1 year
 - Level III deficiencies require repair within 3 years
- ❑ 219,592 deficiencies identified by the utilities in 2014 on a statewide basis

Deficiencies Found - Historical Results



2010 – 2014 Repair Activity



Questions?