

**NERC**

NORTH AMERICAN ELECTRIC  
RELIABILITY CORPORATION

# Facility Ratings Alert Recommendation Update

High and Medium Priority Assessments

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March 21, 2013

**RELIABILITY | ACCOUNTABILITY**



- Welcome- Introduction
- Background
- History of Facility Ratings Alert Recommendation
- January 15, 2013 Update
- Question and Answer

## Background on Alert:

- A vegetation contact by a Transmission Owner identified actual field conditions that varied significantly from design assumptions – to the point where some facility ratings were considered inaccurate or in question.
- Follow-up resulted in the conclusion that this situation was not restricted to one entity or region.
- As a result, NERC issued an Alert Recommendation to proactively identify other such conditions and promote corrective actions.

## **FAC Alert Milestones:**

- October 7, 2010 – Original Alert issued
- October 28, 2010 and November 29, 2010 – Informational webinars
- November 30, 2010 – Gerry Cauley letter on guidance
- January 14, 2011 – Q&A document to respond to issues.
- May 11, 2011 – Assessment Plan Review Criteria posted
- May 12, 2011 – Webinar: Discussed Assessment Plan Review Criteria and reporting guidance to owners
- July 15, 2011 – First “high” priority assessment report due

## FAC Alert Milestones:

- September 22, 2011 – Webinar with results from July 15, 2011 high-priority assessment report.
- January 15, 2012 – Second report on high-priority assessments due.
- March 20, 2012 – Webinar on second high-priority reports.
- July 17, 2012 – First report on medium-priority assessments due.
- October 3, 2012 – Webinar on first medium-priority assessments reports.
- January 15, 2013- Second report on medium-priority assessments due.
- **March 21, 2013** – Second webinar on medium-priority assessments reports and update on high remediation efforts.

# High-Priority Update on Remediation Efforts

## As of January 2013:

- All 76,125 “high” priority miles have been assessed
- All 3,519 circuits have been assessed
- 7,966 discrepancies
- 718 circuits containing discrepancies have been remediated (79% of the circuits with discrepancies)

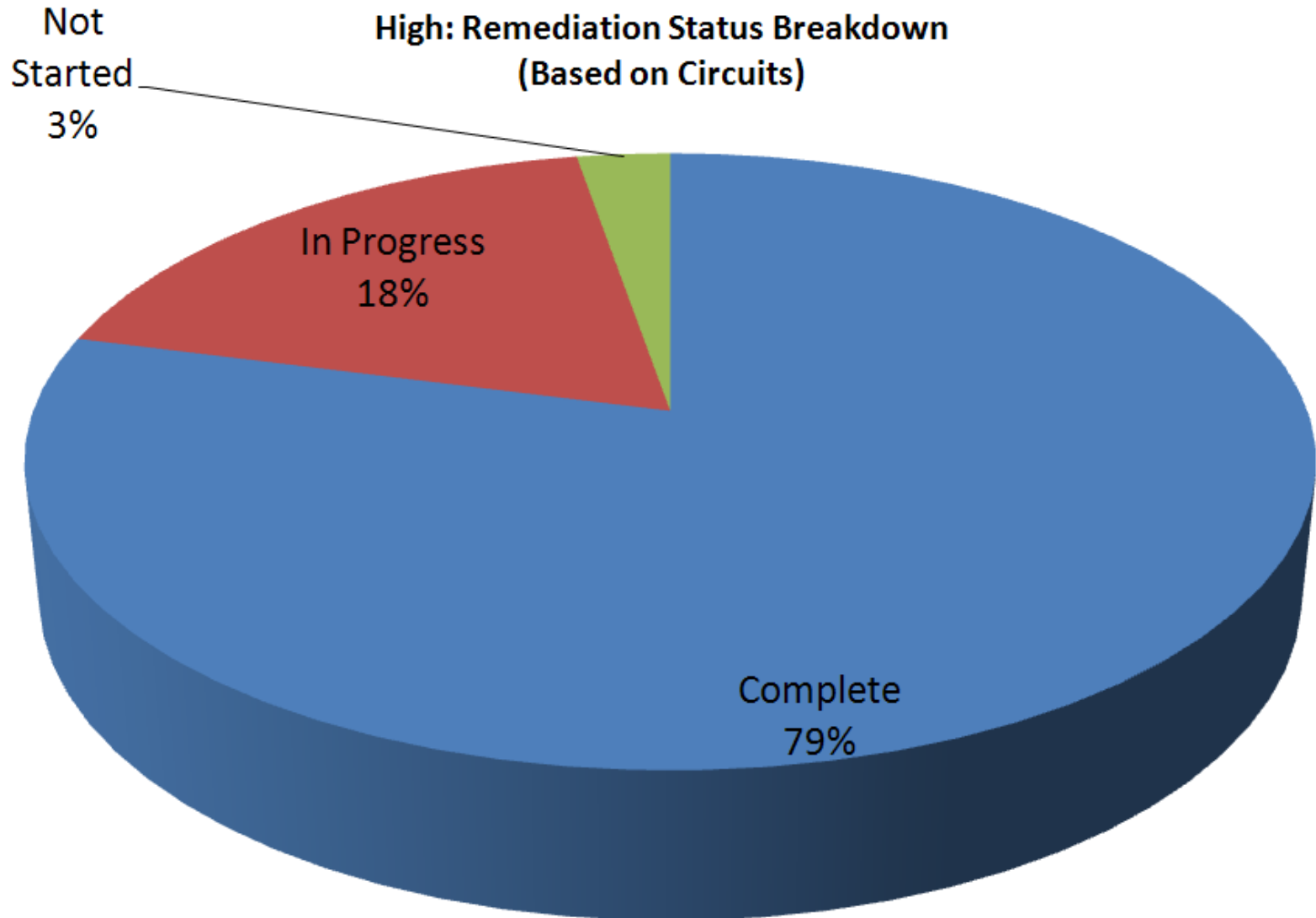
With one exception, entities providing high-priority remediation completion dates expect to be completed by July 13, 2013.

The one exception requires federal approval and is expected to be completed in April 2014.

Assessment extensions were requested for the following reasons:

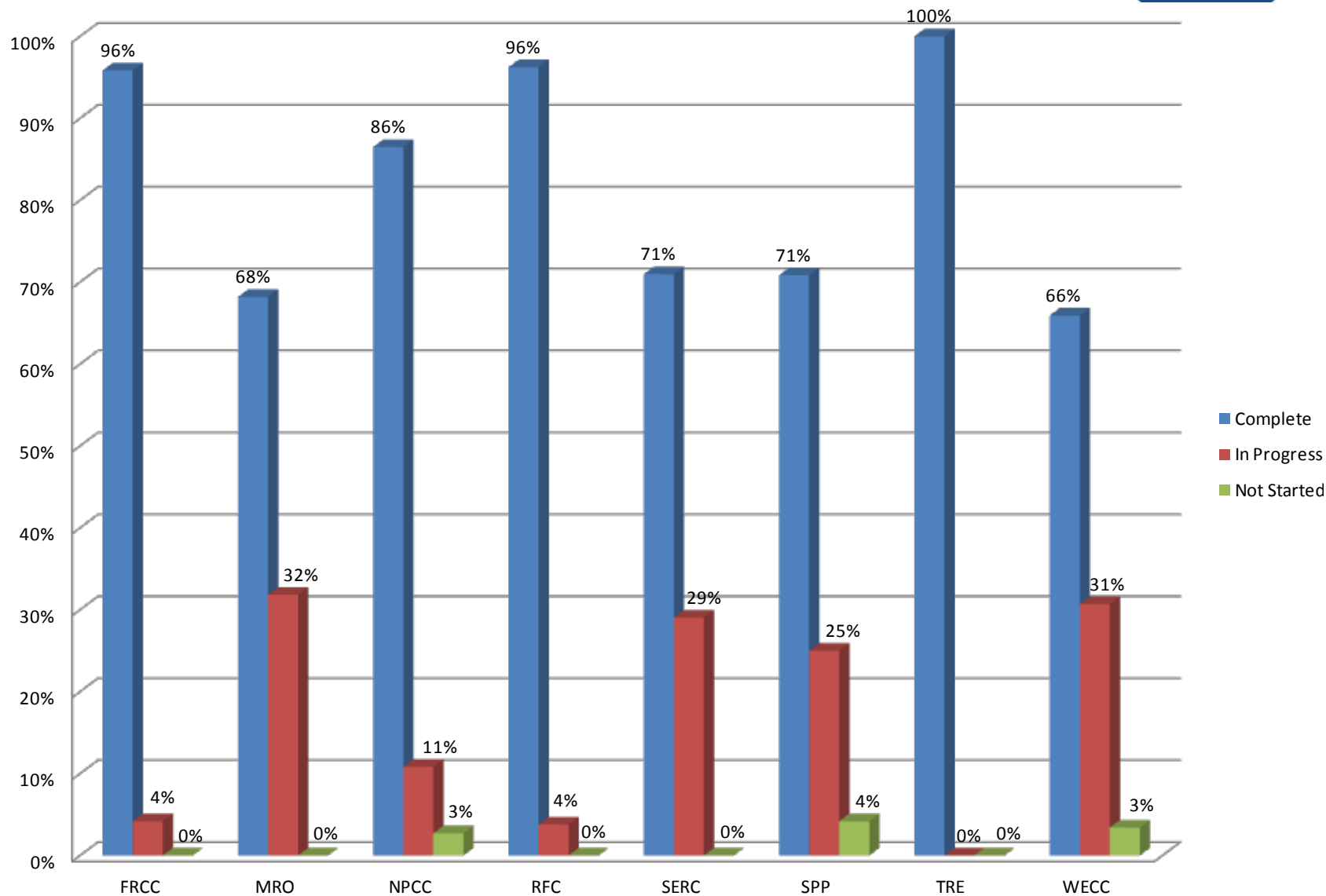
- Damage and repairs required from the August 2011 Hurricane Irene (for Transmission Facility Owners in the Northeast)
- Limited number of LiDAR/PLS-CADD vendors
- Coordination with other entities
- Manpower
- Federal approval or permit required





# Remediation by Region

## High Remediation Status by Circuit



# Medium-Priority Update on Assessments and Remediation

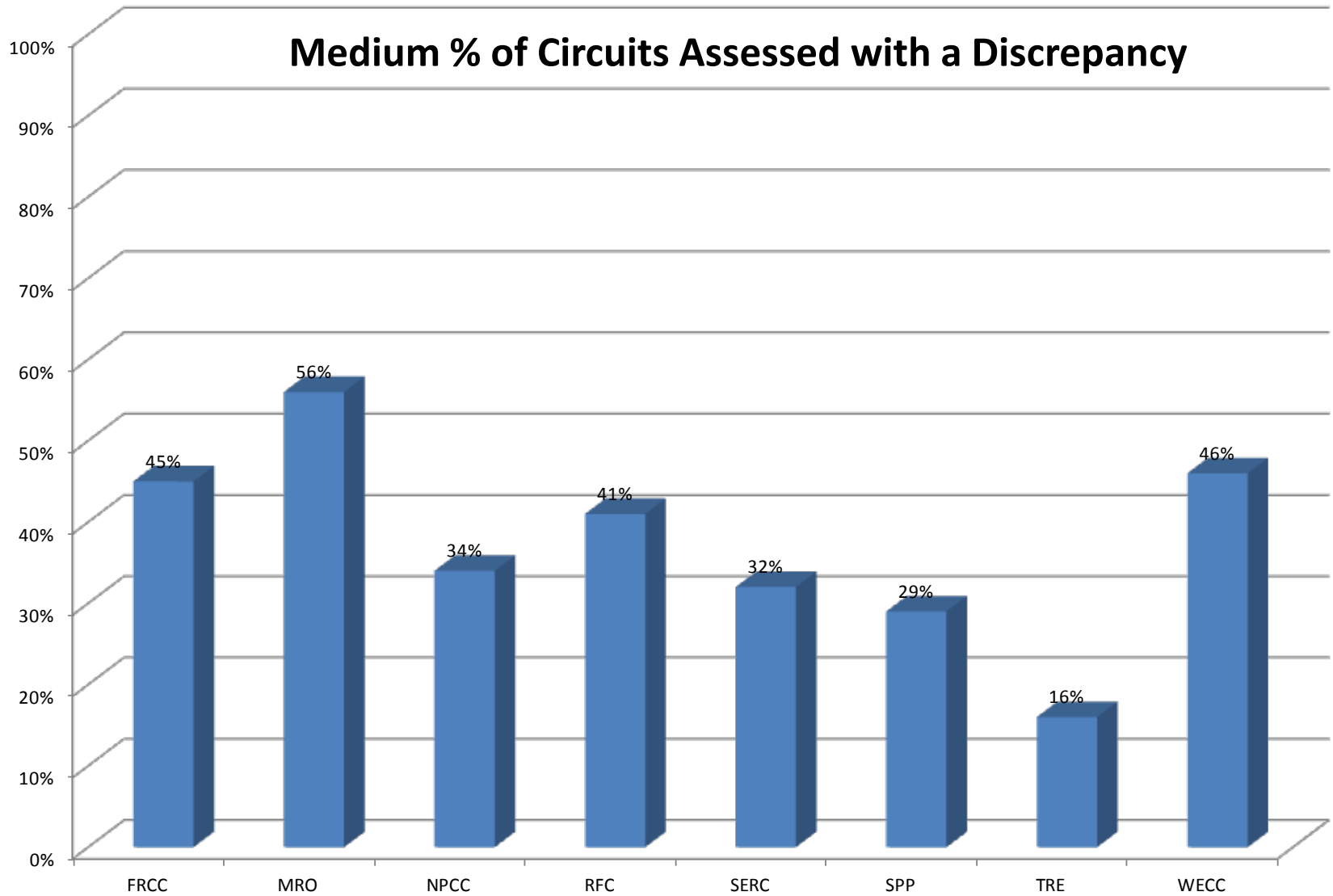
## As of January 2013:

- 87,560 miles assessed
- 6,284 circuits were assessed
- 14,993 discrepancies were discovered
- 5,098 discrepancies have been mitigated
- 13,908 miles remain to be assessed
- 34% of circuits with discrepancies have been mitigated
- 73% of discrepancies were inadequate ground/structure clearance.

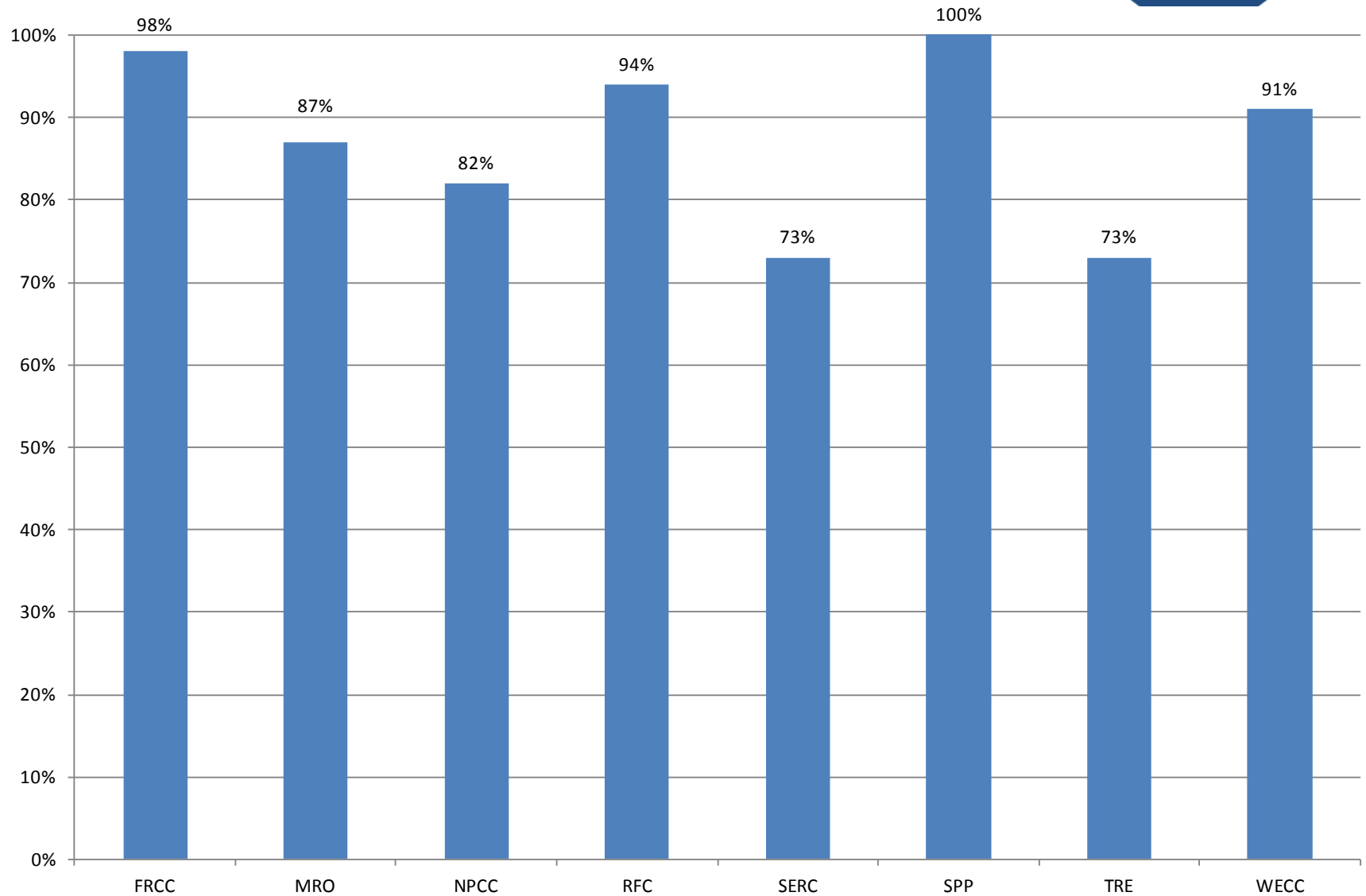
Six month assessment extensions were granted for the following reasons:

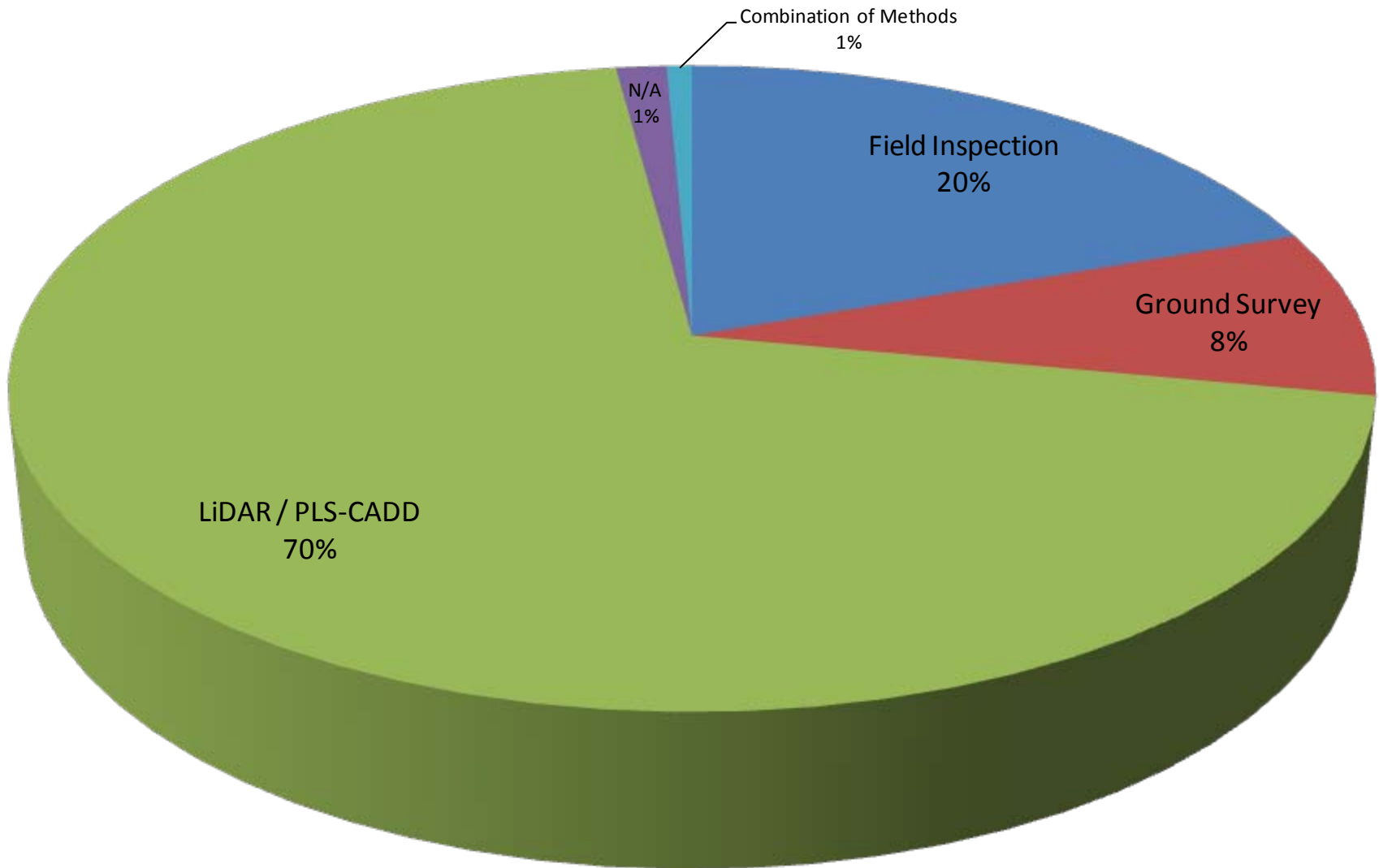
- Damage and repair from the August 2011 Hurricane Irene and the October 2012 Hurricane Sandy (for Transmission Facility Owners in the Northeast)
- Limited LiDAR/PLS-CADD vendors
- Budgeting constraints
- Coordination with other entities
- Federal permitting

Remediation extensions have not been requested. Entities have 12 months from date the discrepancy was confirmed.



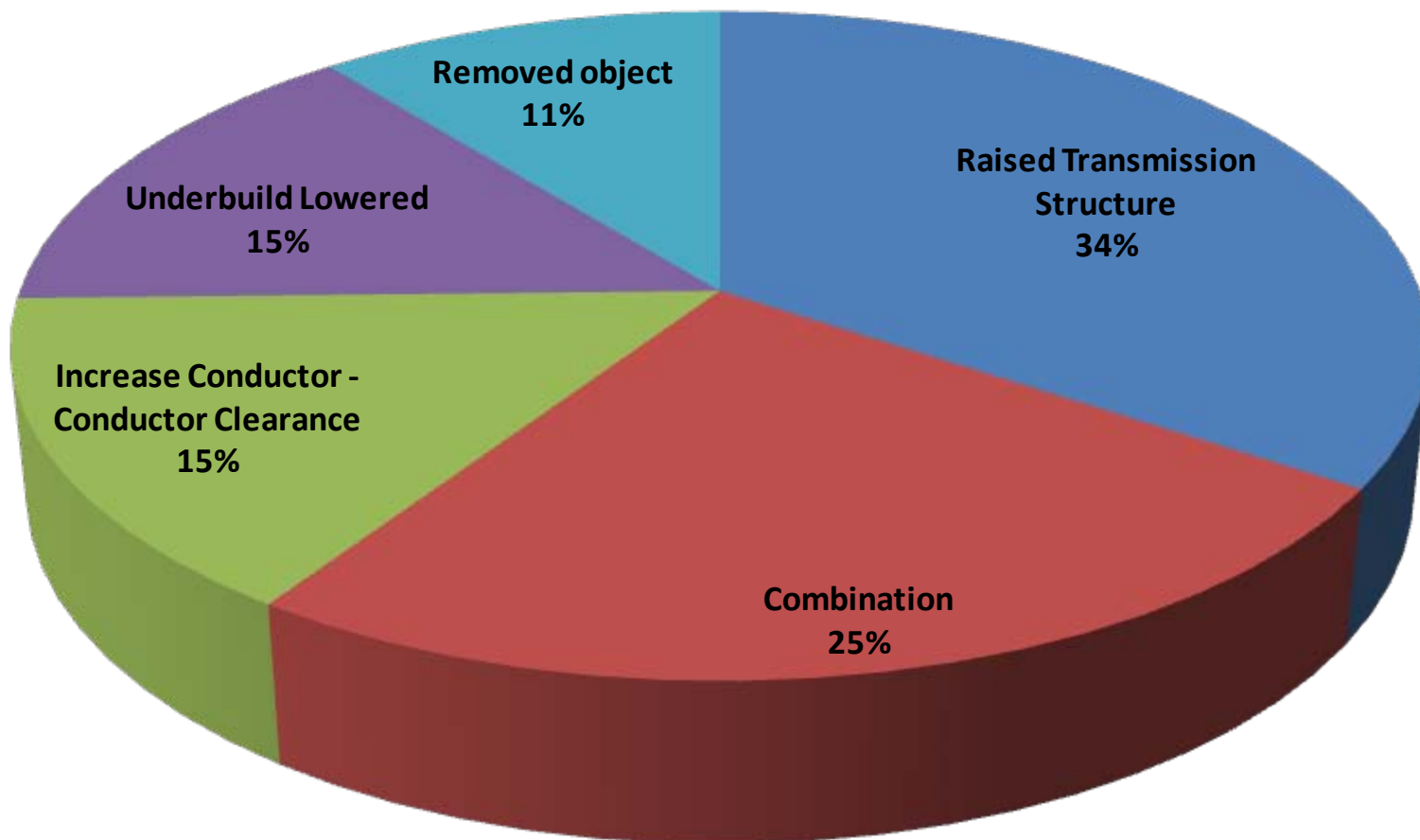
# Percent of Miles Assessed for Medium

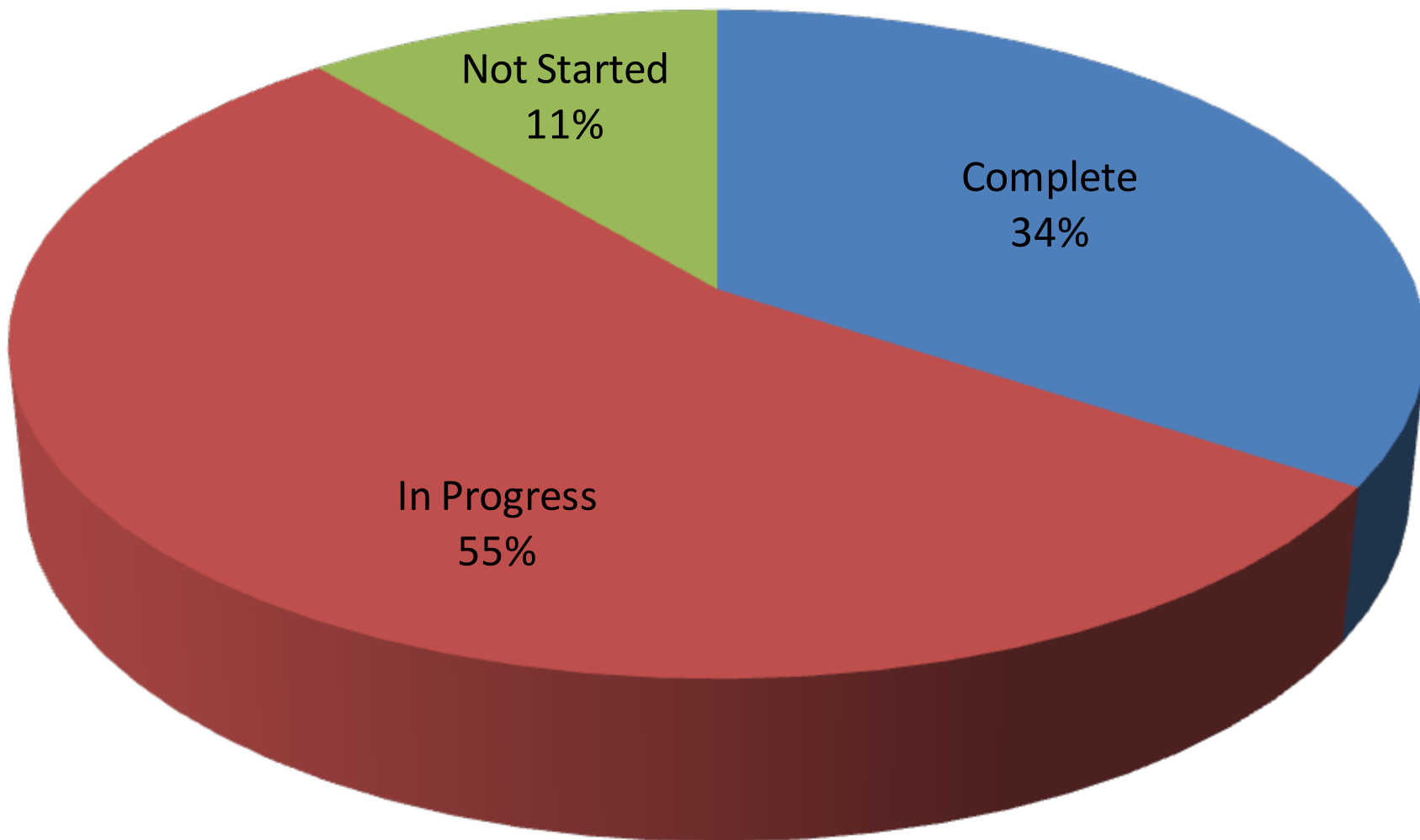


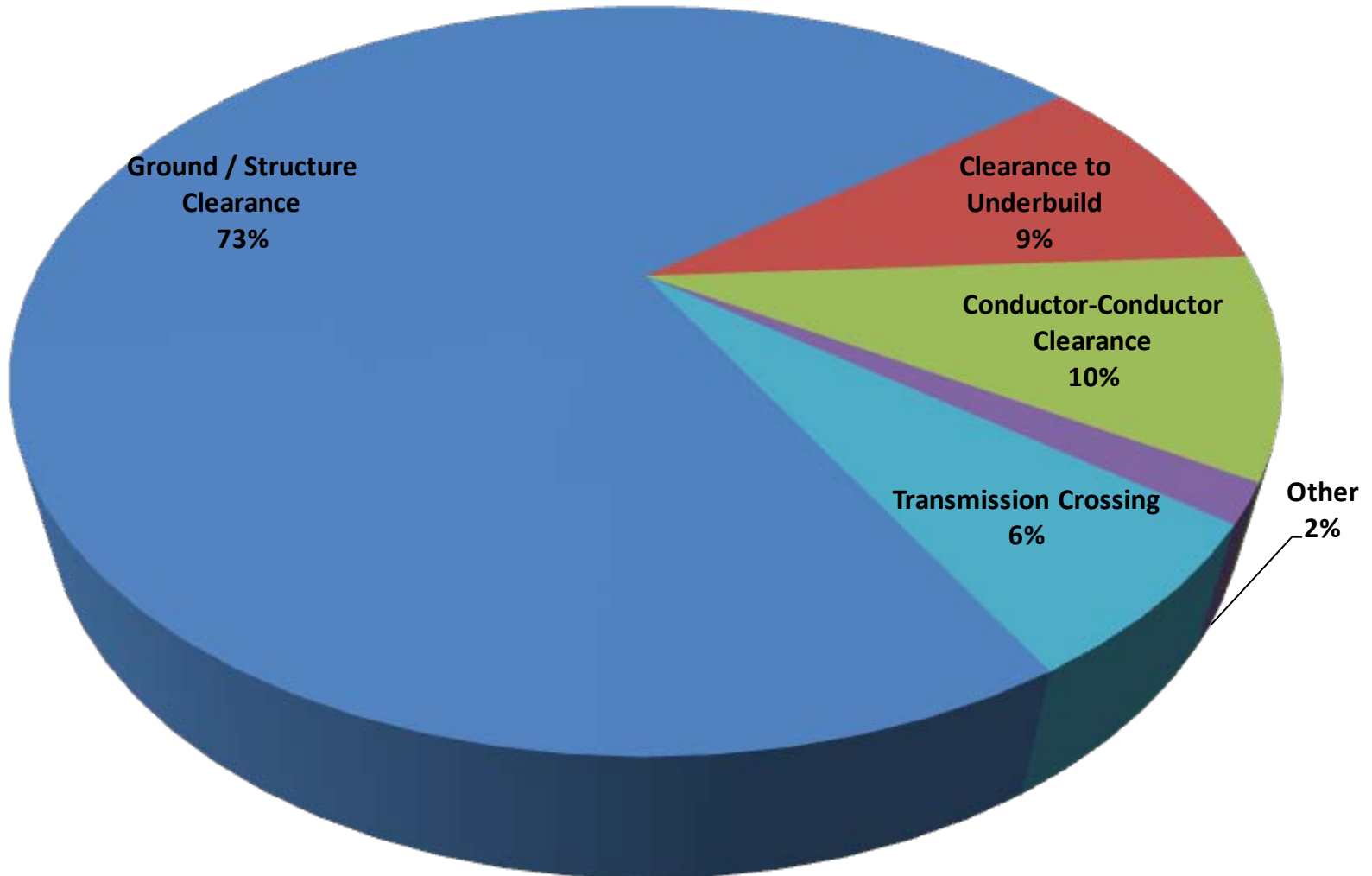




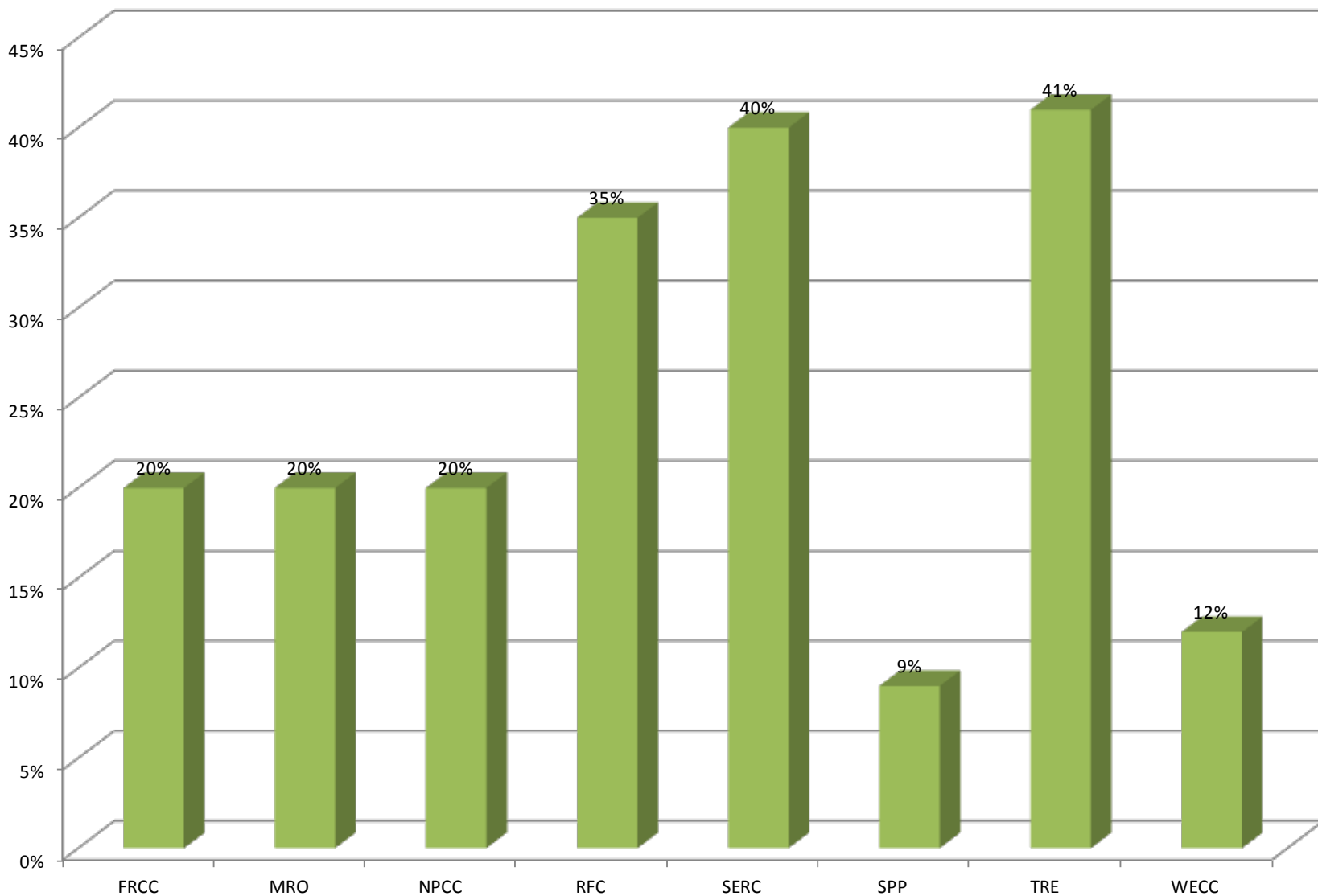
# Medium: Top 5 Remediation Categories







# Medium: Percent of Circuits Assessed with Remediation Completed



Reference Materials for the Facility Ratings Alert Recommendation are provided on the Facility Rating Webpage on the NERC Website:

[http://www.nerc.com/filez/facility\\_ratings\\_alert.html](http://www.nerc.com/filez/facility_ratings_alert.html)

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# Questions and Answers

*Please submit your questions via the chat window*