A nighttime photograph of a city skyline reflected in a body of water. The buildings are illuminated with warm lights, and their reflections are clearly visible in the calm water. A bridge is visible on the left side of the frame.

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Helping our members work together to keep the lights on...  
today and in the future

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 **SPP** *Southwest  
Power Pool*

# TPL 007-1

## Geomagnetic Disturbance

October 1<sup>st</sup> , 2014

Jonathan Hayes  
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# Overview

- **Standard development summary**
  - Where are we?
  - What changes have been made?
- **Implementation Schedule**
- **Effective dates**

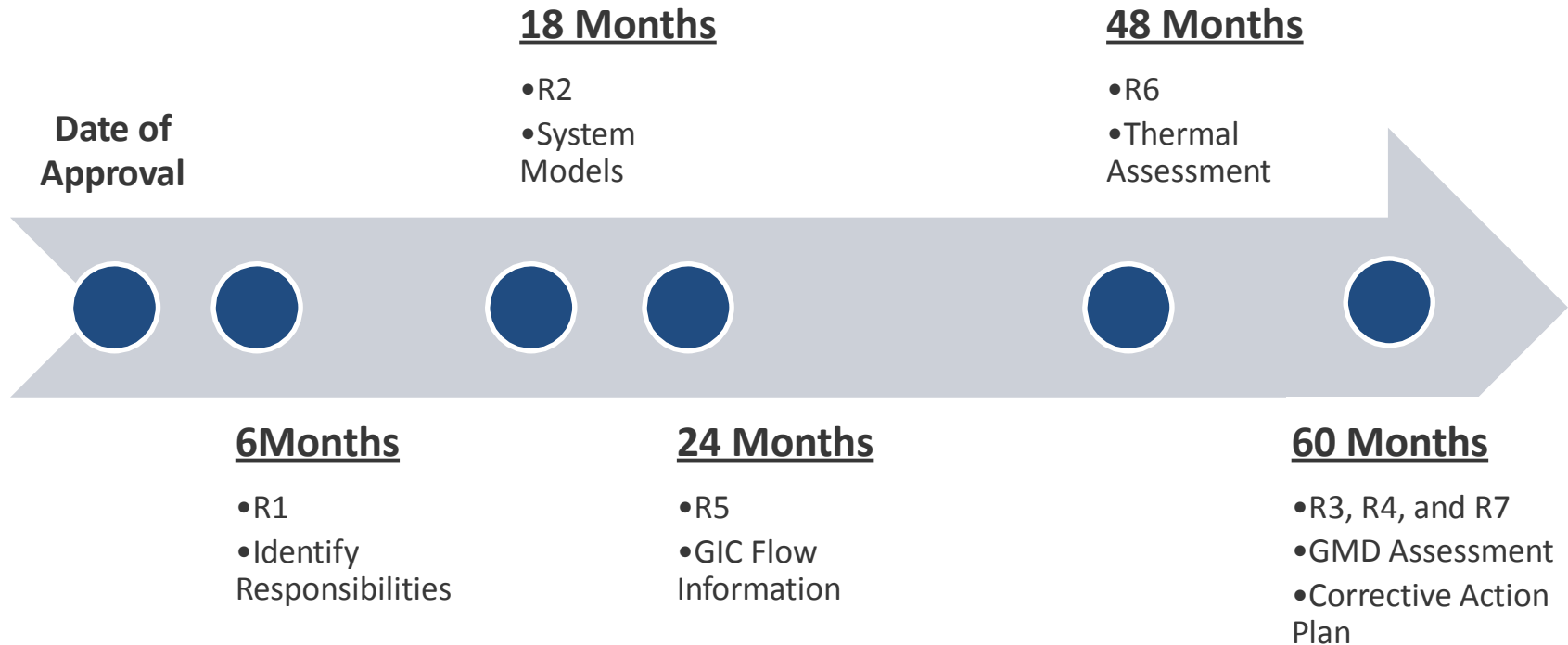
# Standard Development Summary

- **2<sup>nd</sup> ballot results**
  - 82.67% Quorum , 55.77% Supportive
- **3<sup>rd</sup> Draft posted for formal comment**
  - Formal comment period ends Oct 10<sup>th</sup>
- **Ballot open Oct 1<sup>st</sup>-10<sup>th</sup>**

# Standard Development Summary Cont..

- **Revised Implementation Plan**
  - Moved implementation steps out (determine responsibilities, build models)
  - Changed from 4 to 5 year timeline to develop Corrective Action Plan
- **High VSL added to R2**
- **Clarification on Measures**
  - R6 Thermal Impact Assessments excludes non-BES transformers
- **Applications Guidelines**
  - R6 added reference to exclude those transformers that produce less than 15A of GIC

# Standard Development Summary Cont..



# Effective Date

- Drafting team is looking to get NERC Board adoption at November meeting
- File with FERC by January 2015

# Questions?



# References

- Project page:  
<http://www.nerc.com/pa/Stand/Pages/Project-2013-03-Geomagnetic-Disturbance-Mitigation.aspx>