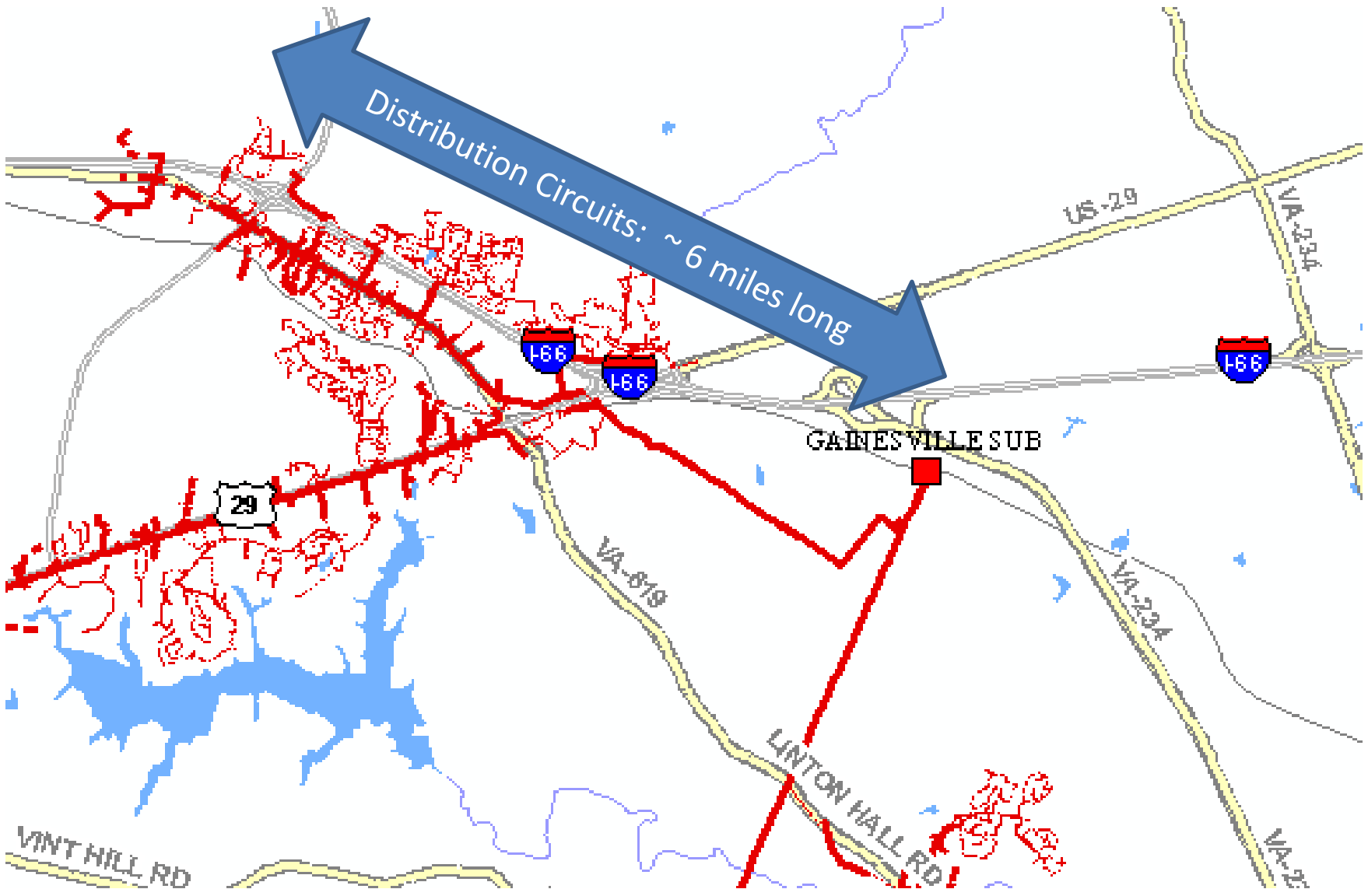


# **Gainesville – Haymarket Distribution Upgrade**

**March 30, 2015**

# Haymarket: served by long distribution lines today



# Existing Distribution Poles



# New Distribution Poles



# Distribution Upgrade

- ❑ Upgrade needed to accommodate new load from existing commercial customer
  
- ❑ Time constraints associated with the increased load require us to co-locate with existing facilities.
  
- ❑ Currently have two 34.5kV circuits that run from Gainesville substation into Haymarket.
  - The 695 Circuit that runs along Rte55.
  - The 379 Circuit that runs along Heathcote Blvd
  
- ❑ Due to the geography and existing system architecture, adding to the existing circuit on Rte 55 is the best solution.

# Function of Distribution Upgrade

- ❑ The new line will allow us to shift load off the existing Gainesville circuits, freeing up capacity
- ❑ It will also be used to handle incremental increases in load from additional facilities that are not yet built
- ❑ The new circuit will have taps in several other locations to help serve existing load in the local area
- ❑ Going forward, the new circuit will be utilized to accommodate local growth and will provide contingency support

**QUESTIONS?**

# Phase One: Distribution Reinforcement New Distribution Line Added as "Doublebuild"

