



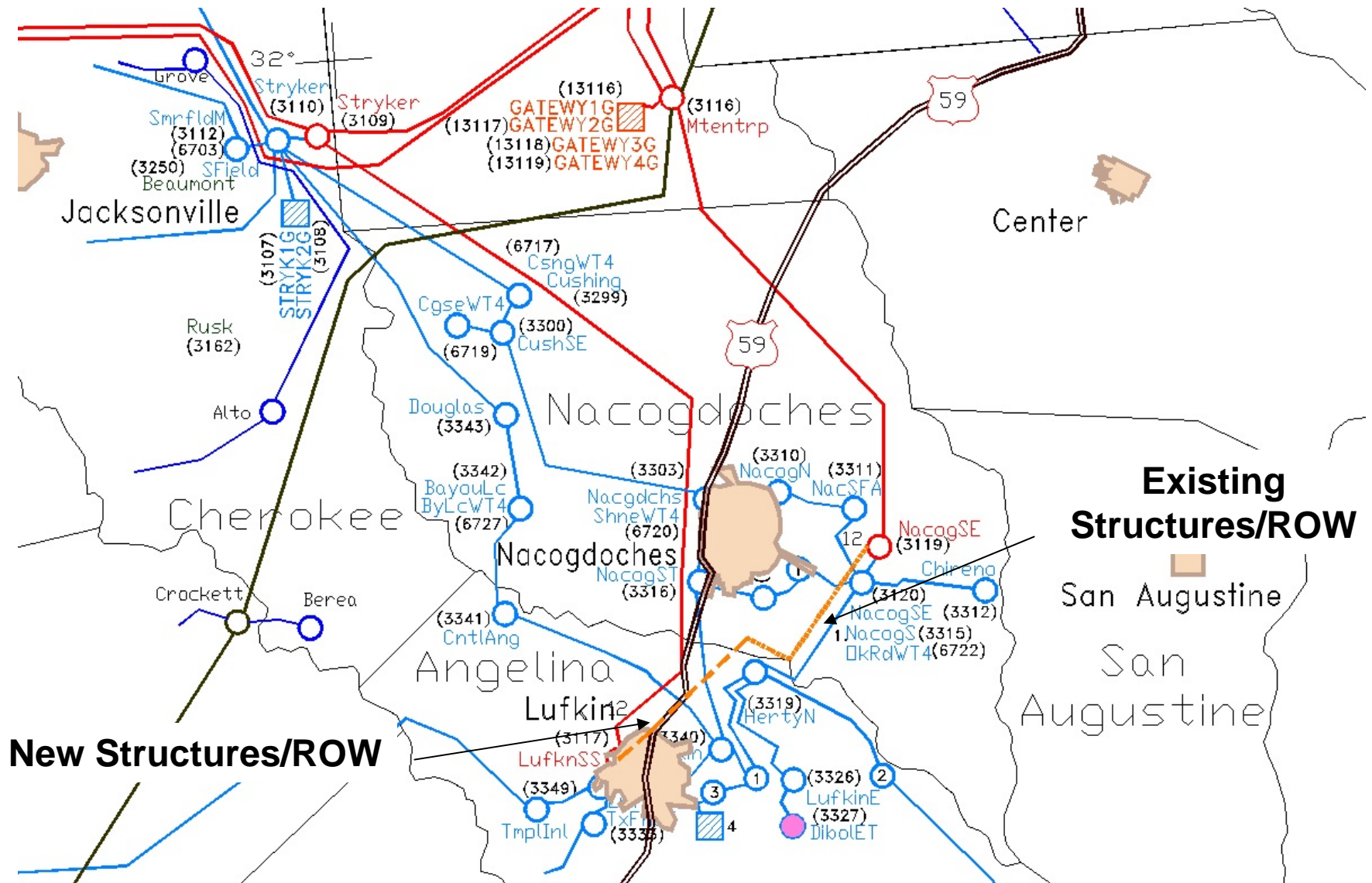
Nacogdoches to Lufkin SS 345 kV Line Project

Dan Woodfin
Director, System Planning

ERCOT Board of Directors
September 16, 2008

- **Add new conductor to existing structures for 13 miles from Nacogdoches Southeast to Herty North**
- **Build new 10 mile double circuit capable with one circuit in place 345 kV line on new ROW from Herty North to Lufkin Switch**
- **Needed in service ASAP (estimated 2012 peak)**
- **Estimated cost : \$29.2 M**

Location of Project



- **Solves overloading/congestion at Nacogdoches Southeast 345/138 kV autotransformer**
- **Adds 2nd 345 kV source to Nacogdoches and Lufkin**
- **Allows exit of existing Mt. Enterprise SPS**
- **Identified as economic in the 2007 Five-Year Plan with production costs savings of \$ 13.4 M in 2012**

- **RPG Comment Period**
 - July 25, 2008 through August 15, 2008
 - No dissenting comments submitted
- **Endorsed by TAC on September 4, 2008**

ERCOT recommends that this project be endorsed by the ERCOT Board Of Directors.