



LUFKIN-NACOGDOCHES PROJECT MODIFICATION

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DESCRIPTION OF ORIGINAL PROJECT

Add new conductor to existing structures from Nacogdoches Southeast to Herty North

Build new double circuit capable with one circuit in place 345 kV line on new ROW from Herty North to Lufkin Switch

Good long term project for area

Recommended in 2007 ERCOT Five-Year Plan as a reliability and economic project

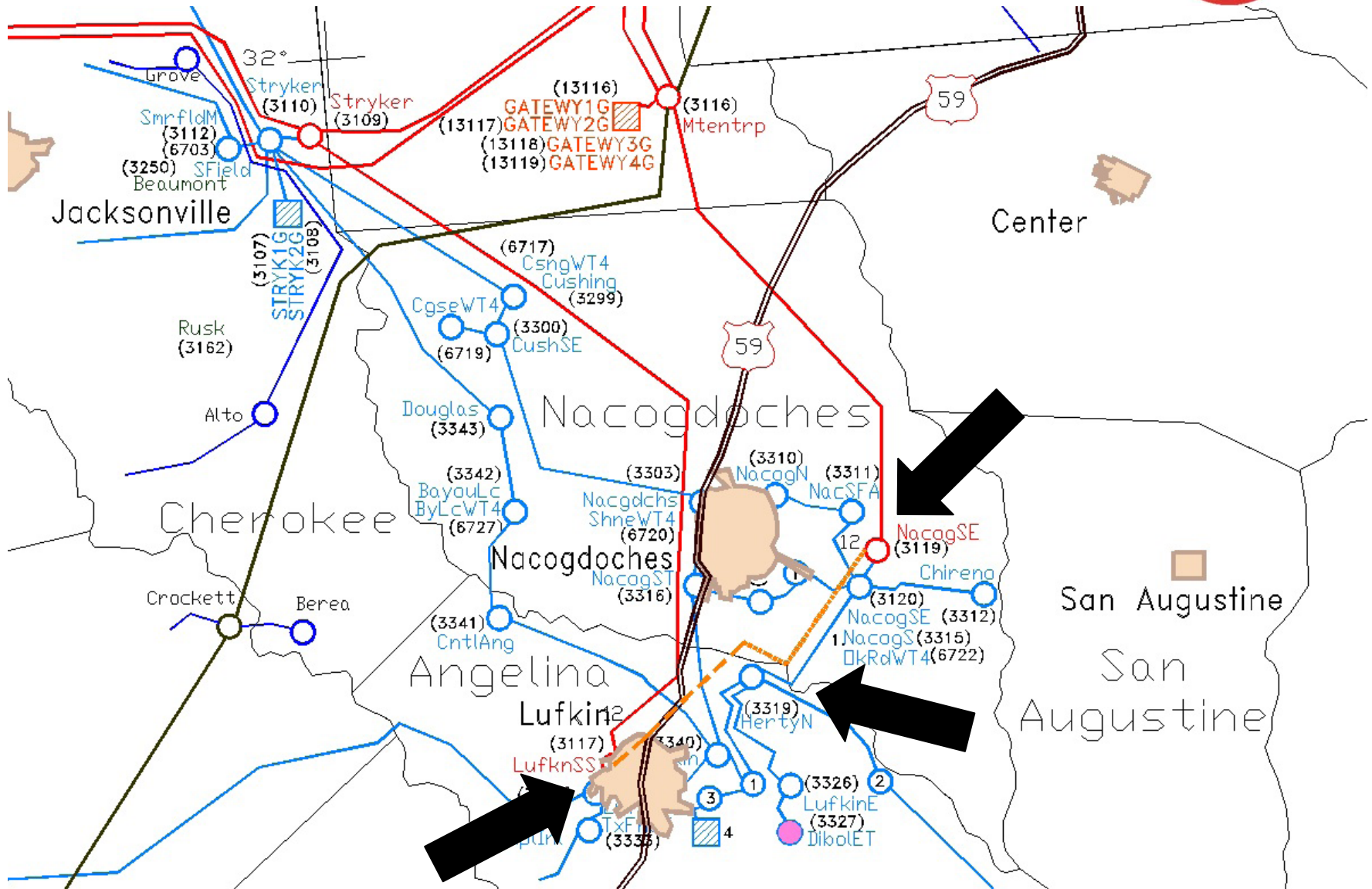
Allows exit of an existing and proposed SPS

RPG reviewed and ERCOT BOD endorsed September, 2008

Estimated cost: \$33 Million

Projected In-Service Date: December 2012

Lufkin – Nacogdoches Project Modification



PROJECT MODIFICATION

Move existing Mount Enterprise to Martin Lake 345 kV circuit off of the Mount Enterprise to Trinidad 345 kV structures to separate new structures, prevents single tower outage of two circuits (one to two miles)

Upgrade Nacogdoches SE Autotransformer to 600/750 MVA

Meets reliability criteria with equal economic benefit

Allows exit of an existing and proposed SPS

Estimated cost: \$12 Million

Projected In-Service Dates: Autotransformer 2012, Line 2013 to 2014 (CCN required)

DIFFERENCES

Delays construction of Lufkin to Nacogdoches 345 kV Line;
good long term solution for area and timed with third
345/138 kV autotransformer for area

Cost reduction of \$21 Million

OTHER CONSIDERATIONS

Southern Cross Project analysis and impact

NEXT STEPS

Submit modification to ERCOT for RPG review and comment
(21 days)

If modification accepted, notify TAC and ERCOT BOD