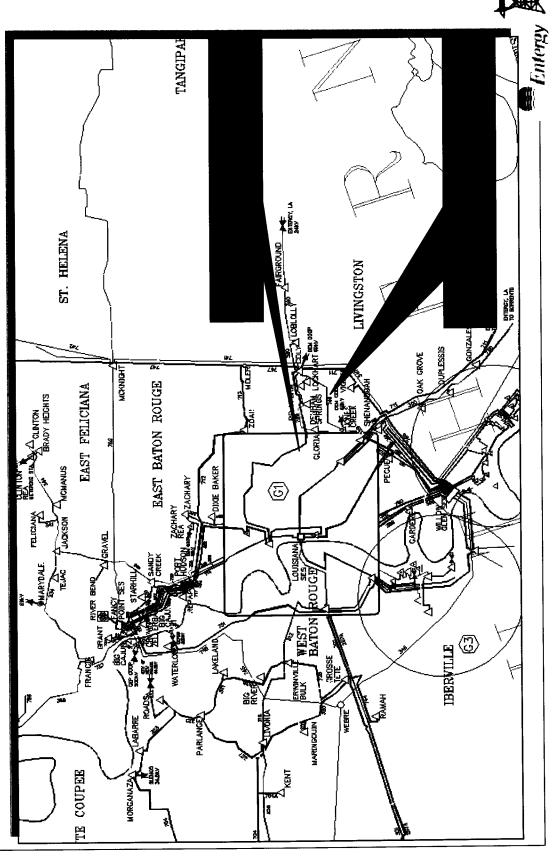
16 EXHIBIT 3 KELSON'S RESPONSE TO ORDER NO. 42 Page 16 of 18

EXHIBIT 3 KELSON'S RESPONSE TO ORDER NO. 42 Page 17 of 18

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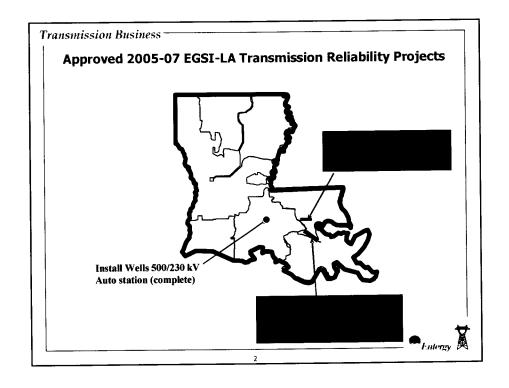
Target Areas Around Baton Rouge Beyond 2011

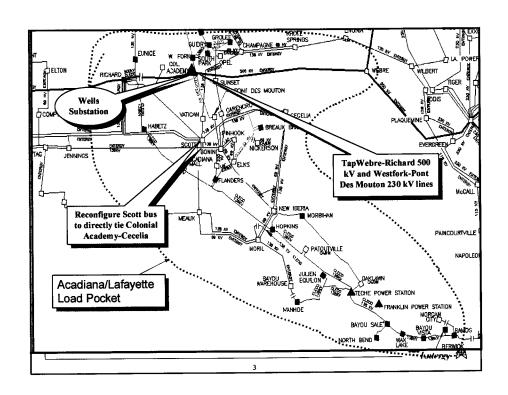


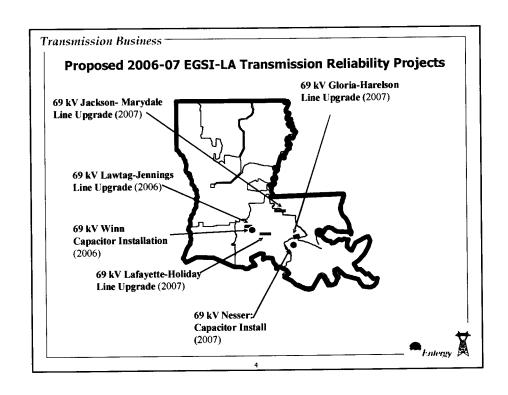
18

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Entergy Gulf States, Inc. (Louisiana) Proposed Transmission Reliability Projects Entergy Transmission Planning Summit New Orleans, LA July 14, 2005







Transmission Business

Breaker Upgrades

Scenario:

Based on asymmetrical fault current analysis the following circuit breakers have been identified as underrated:

Recommended Solution:

Replace the following circuit breakers with appropriately rated breakers:

<u>69 kV</u>

Carlyss breaker 8775 Carlyss-Choupique Carlyss breaker 7840 Carlyss-Catalyst Moss breaker 17955 bus-tie breaker

138 kV

Colonial Academy-Scott Scott breaker 8820 8825 Cecelia-Scott Scott breaker

Mossville breaker 17970 Mossville-Bayou D'Inde

Nelson breaker 7990 Nelson-LC Bulk

230 kV

27105 Capacitor breaker Nelson breaker



Transmission Business

Gloria-Harelson: Upgrade 69 kV Line

Scenario:

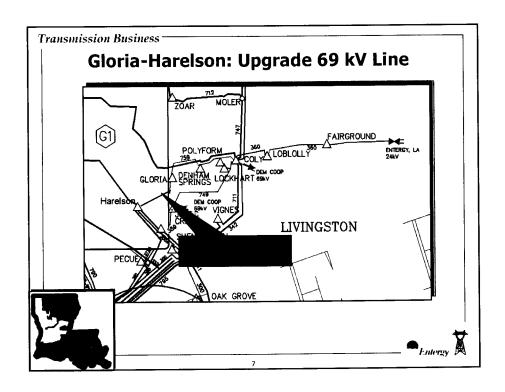
- Livingston Parish is on the far eastern edge of EGSI-LA. Two strong sources at Coly and Harelson supply power to the area. Coly-Denham Springs and Harelson-Gloria form one half of a looped configuration serving approximately 129 MW of the loop load.
- For the loss of Coly-Denham Springs, Harelson-Gloria overloads by 8% in 2007.

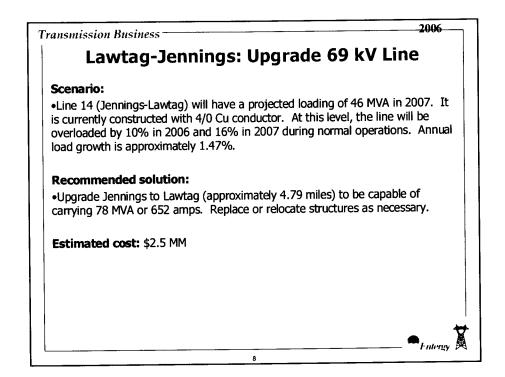
Recommended Solution:

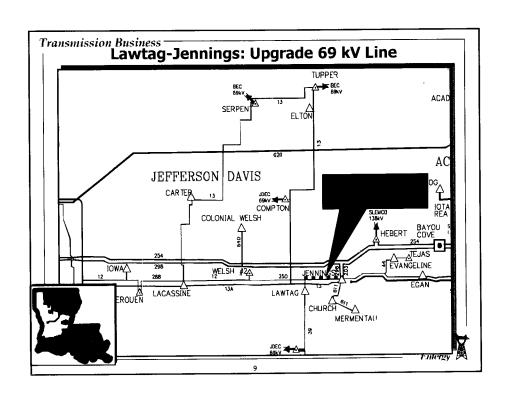
Replace 3.27 miles of line with a conductor having a capacity of at least of 151 MVA.

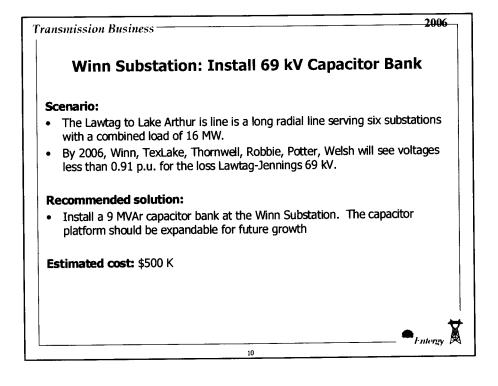
Estimated cost: \$1.1 MM

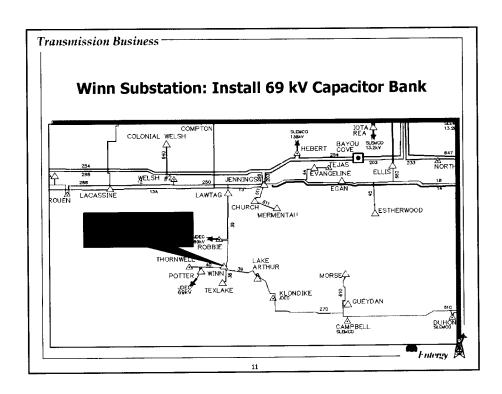


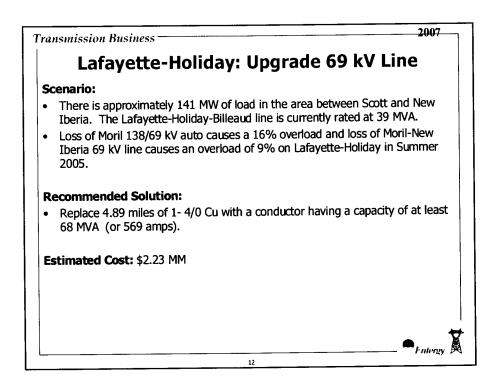


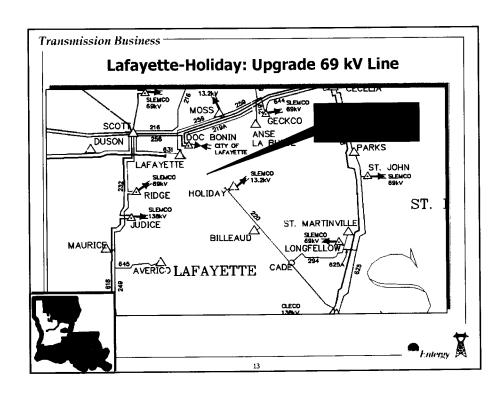












Transmission Business

2007

Nesser Substation: Install 15 MVAr 69 kV capacitor bank

Scenario:

- Nesser is on a long radial tap. Nesser substation is experiencing rapid growth of over 6%/year. Peak loading is over 45 MVA.
- By 2007, Jones Creek and Nesser 69 kV will see voltages less than 88% for an outage of Harelson-Jones Creek section of lines.

Recommended Solution:

 Install a 15 MVAr capacitor bank at the Nesser Substation. The capacitor platform should be expandable for future growth.

Estimated cost: \$510 K



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