

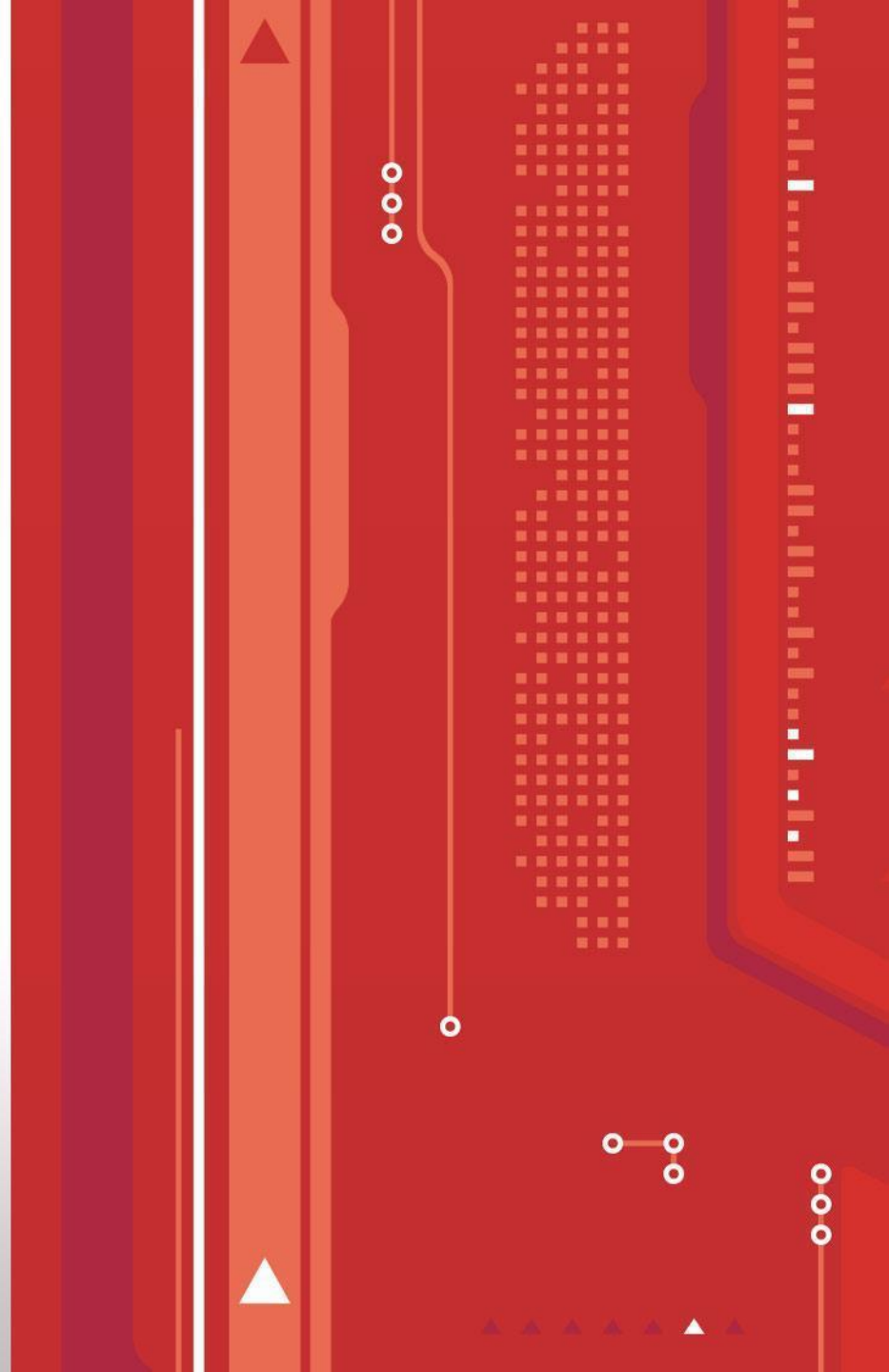
2012 ICT Strategic Transmission Expansion Plan (ISTEP)

Entergy ICT Transmission
Planning Summit

August 7, 2012

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ICT STRATEGIC TRANSMISSION EXPANSION PLAN (ISTEP) - PURPOSE

- **Promote EHV expansion on Entergy transmission system by identifying problem areas and developing long-term strategic solutions**
 - **Improving Load-Serving Capability**
 - **Improving Transfer Capability**
 - **Improving Deliverability to Load Pockets/Load Centers**
 - **Relieving Constraining Flowgates**
- **Outside the scope of the ICT Base Plan**
- **FERC Order 890 – Five (5) free economic studies**

SCHEDULE

- **Post TLR events – June 2012**
- **Post AFC limiting Flowgates – June 2012**
- **Post WPP Flowgates – June 2012**
- **Request additional detail on Stakeholder proposed projects – July 2012**
- **Stakeholder preliminary responses – July 2012**
- **Post and distribute project list for stakeholder email vote – July 2012**
- **Stakeholders top ten (10) project selection – July 2012**
- **Vote on projects – July 2012**
- **Post top five (5) projects – August 2012**

* Red – Task completed

SCHEDULE (cont.)

- **Entergy ICT Transmission Planning Summit – August 7, 2012**
- **GridView Base Model update – Sept./Oct 2012**
- **Power flow change model analysis and project selection – September 2012**
- **Plan cost estimates – September 2012**
- **GridView Economic analysis – October 2012**
- **Final results – November 2012**
- **Final report – November 30, 2012**

2012 ISTEP – SELECTED PROJECTS

- **New Hartburg-Sabine 230 kV Line**
 - This will mitigate congestion created by the Hartburg-Cypress 500 kV contingency on the underlying 230 kV system and the Nelson 500/230 kV Auto Transformer
- **Dell-San Souci 500 kV Line**
 - FTLO West Memphis-Keo 500 kV Line
- **Amite South Area**
 - Baton Rouge and New Orleans area
- **New 500/345 kV Substation at Messick and Dolet Hills–
Messick 345 kV Line**
 - Support East to West transfer between Entergy and SPP
- **Franklin-Bogalusa 500 kV Contingency**
 - Limits North to South transfers on the East side of the system due to the 138 kV and 115 kV network limits

**For additional information regarding
ISTEP, please submit questions/comments
to:**

ISTEP@spp.org