



2010 – 2011 SIRPP

Welcome

1st Inter-Regional Stakeholder Meeting

12:30 PM – 4:30 PM EDT



Purpose and Goals

- **2009 – 2010 SIRPP Process**
 - ❖ Economic Planning Studies Review
 - ❖ Stakeholder Feedback on Process
- **2010 – 2011 SIRPP Process**
 - ❖ Projected Timeline
 - ❖ Economic Planning Studies
- **Next Meeting Activities**



2009 – 2010 Final Economic Planning Study Results



The Five Economic Planning Studies

❖ Entergy to Georgia ITS (2000 MW)

- Study Year: 2014
 - Step 2 Evaluation
-

❖ MISO to TVA (2000 MW)

- Study Year: 2015
-

❖ Kentucky to Georgia ITS (1000 MW)

- Study Year: 2015
-

❖ SPP to SIRPP (3000 MW)

- Study Year: 2018
-

❖ MISO & PJM West (SMART) to SIRPP (3000 MW)

- Study Year: 2018



Entergy to Georgia ITS

Transmission System Impacts for the SIRPP

- **One (1) 500 kV Line**
- **One (1) 500 / 230 kV Transformer**
- **Ten (10) 230 kV Lines**
- **Four (4) 230 / 115 kV Transformers**
- **Six (6) 161 kV Lines**
- **Fifteen (15) 115 kV Lines**

Total Cost: \$330,246,000



MISO to TVA

Transmission System Impacts for the SIRPP

- One (1) 230 kV Line
- One (1) 161 kV Line
- One (1) 115 kV Line

Total Cost: \$53,720,000



Kentucky to Georgia ITS

Transmission System Impacts for the SIRPP

- **One (1) 345 kV Line**
- **Two (2) 161 kV Lines**

Total Cost: \$18,700,000



SPP to SIRPP

Transmission System Impacts for the SIRPP

- **One (1) 500 / 230 kV Transformer**
- **One (1) 500 / 161 kV Transformer**
- **Three (3) 230 kV Lines**
- **Six (6) 161 kV Lines**
- **Seven (7) 115 kV Lines**

Total Cost: \$161,465,000



SMART to SIRPP

Transmission System Impacts for the SIRPP

- **One (1) 500 / 230 kV Transformer**
- **One (1) 500 / 161 kV Transformer**
- **One (1) 345 / 138 kV Transformer**
- **One (1) 230 kV Line**
- **Sixteen (16) 161 kV Lines**
- **One (1) 138 kV Line**
- **Two (2) 115 kV Lines**

Total Cost: \$289,904,000



2010 – 2011

SIRPP Process Timeline



2010 – 2011 SIRPP

- **1st Inter-Regional Stakeholder Meeting**
 - ❖ **SIRPPSG selects up to five Economic Planning Studies**
 - ❖ **October 25, 2010**

- **Economic Planning Study Scoping Meeting**
 - ❖ **Verify study assumptions and address stakeholder feedback on scope document**
 - ❖ **November / December 2010, if necessary**

- **2nd Inter-Regional Stakeholder Meeting**
 - ❖ **Discuss preliminary study results**
 - ❖ **April / May 2011**

- **3rd Inter-Regional Stakeholder Meeting**
 - ❖ **Discuss final study results**
 - ❖ **July / August 2011**



2010 – 2011 Economic Planning Studies

Submitted Requests

Next Meetings Activities

- **Economic Planning Study Scoping Meeting**
 - ❖ **November / December 2010, if necessary**
 - ❖ **Web / Phone Conference**
- **2nd Inter-Regional Stakeholder Meeting**
 - ❖ **April / May 2011**
 - ❖ **Web / Phone Conference or in Person?**



Questions?