

2011 – 2012 SIRPP

Welcome

1st Inter-Regional Stakeholder Meeting
9:00 AM – 11:00 AM EDT



Purpose and Goals

- **2010 – 2011 SIRPP Process**
 - ❖ **Economic Planning Studies Review**
 - ❖ **Stakeholder Feedback on Process**
- **2011 – 2012 SIRPP Process**
 - ❖ **Projected Timeline**
 - ❖ **Economic Planning Studies**
- **Next Meeting Activities**



2010 – 2011 Final Economic Planning Study Results



The Five Economic Planning Studies

❖ PEC to Southeast (2000 MW)

- Study Year: 2020
-

❖ HVDC to VACAR (3000 MW)

- Study Year: 2016
-

❖ SCRTP to PJM West (1000 MW)

- Study Year: 2016
-

❖ SCRTP to TVA (1000 MW)

- Study Year: 2016
-

❖ PJM West to VACAR (1000 MW)

- Study Year: 2016



PEC to Southeast

Transmission System Impacts for the SIRPP

- **One (1) 500 kV Static-Var Compensator**
- **Fourteen (14) 230 kV Lines**
- **One (1) 161 kV Line**
- **One (1) 138 kV Line**
- **Five (5) 115 kV Lines**

Total Cost: \$557,720,000



HVDC to VACAR

Transmission System Impacts for the SIRPP

- **One (1) 500 / 230 kV Transformer**
- **Nine (9) 230 kV Lines**
- **One (1) 115 kV Lines**

Total Cost: \$166,800,000



SCRTP to PJM West

Transmission System Impacts for the SIRPP

- **One (1) 230 kV Line**
- **Four (4) 115 kV Lines**

Total Cost: \$19,000,000



SCRTP to TVA

Transmission System Impacts for the SIRPP

- Two (2) 230 kV Lines
- Eight (8) 161 kV Lines
- Four (4) 115 kV Lines

Total Cost: \$108,900,000



PJM West to VACAR

Transmission System Impacts for the SIRPP

- **Three (3) 230 kV Lines**
- **One (1) 115 kV Line**

Total Cost: \$26,300,000



2011 – 2012 SIRPP Process Timeline

2011 – 2012 SIRPP

- **1st Inter-Regional Stakeholder Meeting**
 - ❖ **SIRPPSG selects up to five Economic Planning Studies**
 - ❖ **September 30, 2011**
- **Economic Planning Study Scoping Meeting**
 - ❖ **Verify study assumptions and address stakeholder feedback on scope document**
 - ❖ **November / December 2011, if necessary**
- **2nd Inter-Regional Stakeholder Meeting**
 - ❖ **Discuss preliminary study results**
 - ❖ **April / May 2012**
- **3rd Inter-Regional Stakeholder Meeting**
 - ❖ **Discuss final study results**
 - ❖ **July / August 2012**



2011 – 2012 Economic Planning Studies

Next Meetings Activities

- **Economic Planning Study Scoping Meeting**
 - ❖ **November / December 2011, if necessary**
 - ❖ **Web / Phone Conference**
- **2nd Inter-Regional Stakeholder Meeting**
 - ❖ **April / May 2012**
 - ❖ **Web / Phone Conference and/or In Person?**



Questions?