



Eastern Interconnection Planning Collaborative

Eastern Interconnection Planning Collaborative – Update

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Overview

- EIPC Objectives
- Status Update
- DOE Proposal
- Formation of Stakeholder Steering Committee
- Challenges & Opportunities

What are the Objectives of the EIPC?

1. Roll-up and analysis of approved regional plans
2. Establishment of a multi-constituency stakeholder process
3. Identification & selection of possible resource expansion scenarios
4. Development of interregional transmission expansion options
5. Providing sound technical analysis for consideration by federal & state regulators and policy makers

The EIPC is committed to an open and transparent process that uses a roll-up of regional plans as a starting point and is consistent with FERC Order 890 principles.

EIPC Status

- EIPC Analysis Team structure is in place
- 24 Planning Authorities signed (U.S. and Canada) with approximately 95% of the Eastern Interconnection customers covered
- Website launched – www.eipconline.com
- Stakeholder dialog on formation of Stakeholder Steering Committee (SSC) continues
- DOE announced \$16M funding of the EIPC Eastern Interconnection studies proposal
- DOE also awarded \$14M to the EISPC proposal

EIPC DOE Proposal



Bid covers entirety of “Topic A”

- Establishment and funding of a multi-constituency Stakeholder process – open participation, meeting space, professional facilitators, etc.
- Funding for study work – Planning Authority and Consultant costs for performing technical studies and other activities in the proposal
- Funding for NGO participation on Steering Committee as described in the FOA
- Funding for Stakeholder meetings, webinars, etc. that are open to all parties

EIPC DOE Bid: Structure

- Stakeholder Steering Committee (SSC)
 - Process facilitated by The Keystone Center with stakeholder input
 - At least 1/3 of Steering Committee to be made up of state representatives (as specified in the FOA)
 - Funding available for NGO participation
- EIPC Analysis Team
 - Made up of NERC-certified Planning Authorities
 - Technical consultants retained by Planning Authorities
- Project Manager

Eastern Interconnection Planning Collaborative (EIPC)
(Open Collaborative Process)

**Project Manager for
DOE Project Award**

**EIPC Analysis Team
Principal Investigators
Planning Authorities**

**Stakeholder Steering Committee
(SSC)**

**Stakeholder
Work Groups**

**Executive
Leadership**

**Technical
Leadership &
Support Group**

**Stake-
holder
Groups**

States

Provinces

Federal

**Owners
Operators
Users**

DOE Project Award Subcontractors

Task List: Roll-Up of Regional Plans

- **Task 1.1** *Initiate Project*
- Key Deliverables: Stakeholder meetings, establish SSC and working groups
- **Task 1.2** *Integrate Regional Plans*
- Key Deliverables: Interregional modeling (reference cases), interconnection-wide analysis, and transmission expansion options
- **Task 1.3** *Production Cost Analysis of Regional Plans*
- Key Deliverables: Production cost analysis

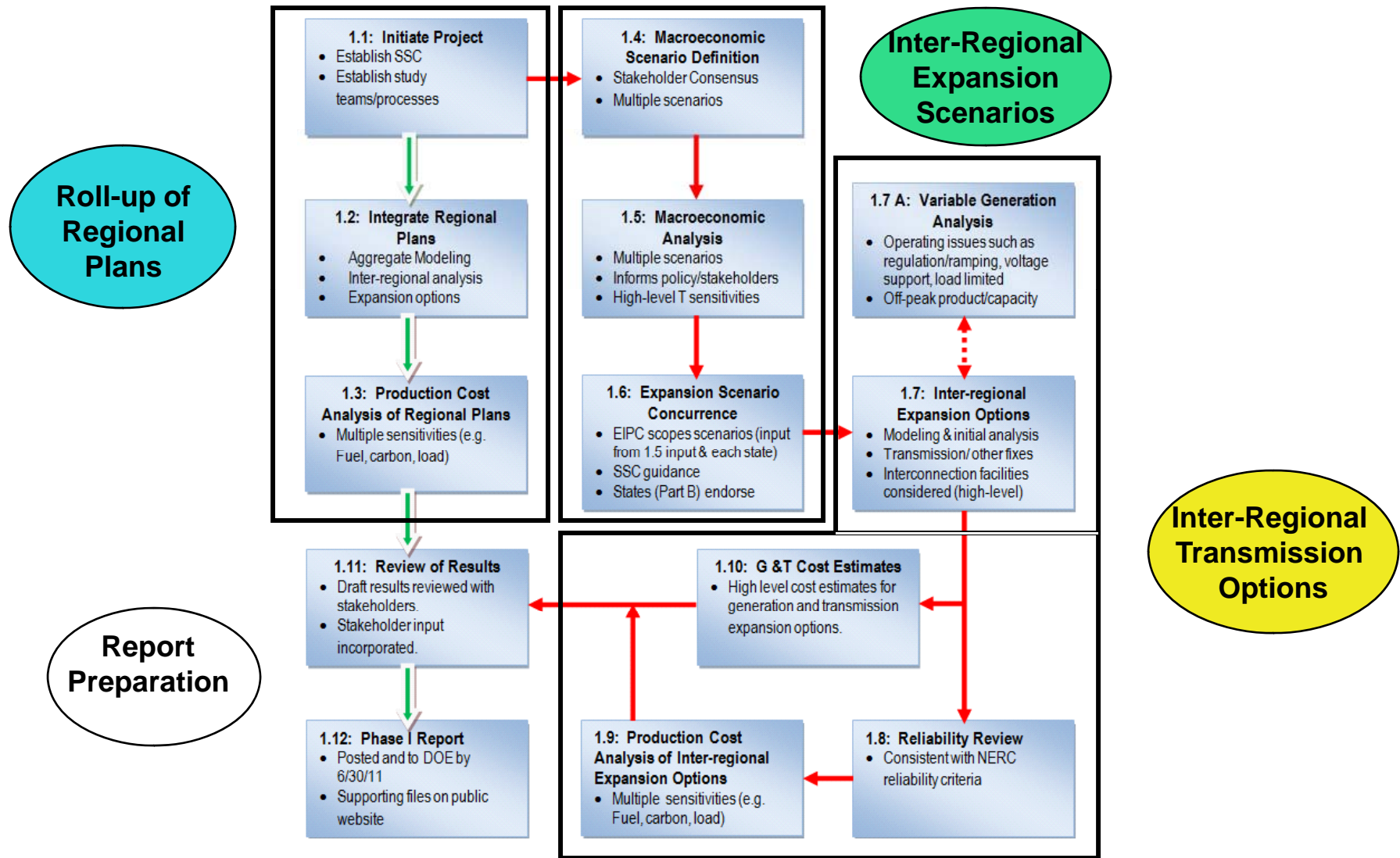
Task List: Resource Expansion Scenarios

- **Task 1.4** ***Macroeconomic Scenario Definition***
- Key Deliverables: Input from SSC and states on alternative Macroeconomic scenarios
- **Task 1.5** ***Macroeconomic Analysis***
- Key Deliverables: Macroeconomic results, high-level transmission analysis
- **Task 1.6** ***Expansion Scenario Concurrence***
- Key Deliverables: Resource expansion scenario(s) and transmission analysis study scopes for expansion scenario(s)

Task List: Transmission Options

- **Task 1.7** ***Interregional Transmission Options Development***
 - Key Deliverables: Interregional expansion options and associated modeling, preliminary results webinars
- **Task 1.8** ***Reliability Review***
 - Key Deliverables: Reliability assessments of interregional expansion options
- **Task 1.9** ***Production Cost Analysis of each Scenario***
 - Key Deliverables: Production cost analysis
- **Task 1.10** ***Generation and Transmission Costs***
 - Key Deliverables: High level cost estimates for expansion option facilities
- **Task 1.11** ***Review of Results***
 - Key Deliverables: Draft report, review workshops with stakeholders, SSC input on draft report
- **Task 1.12** ***Final Report***
 - Key Deliverables: Final report and work papers

EIPC DOE Bid: Process Flow Chart



Stakeholder Steering Committee (SSC)

- Provides strategic guidance to the Analysis Team
- Provides feedback on scenario analysis
- Represents various stakeholder constituencies
- Willingness to work collaboratively
- Holds open meetings

State & Provincial Participants (EISPC)

- Responsible for developing consensus among states (regulators & Governors' appointees)
 - Provide input to Topic A group
 - Identify Renewable Energy Zones
 - Identify resource types
 - Conduct other studies
- Appoint state & provincial members to the SSC

Formation of SSC – Q's for Discussion

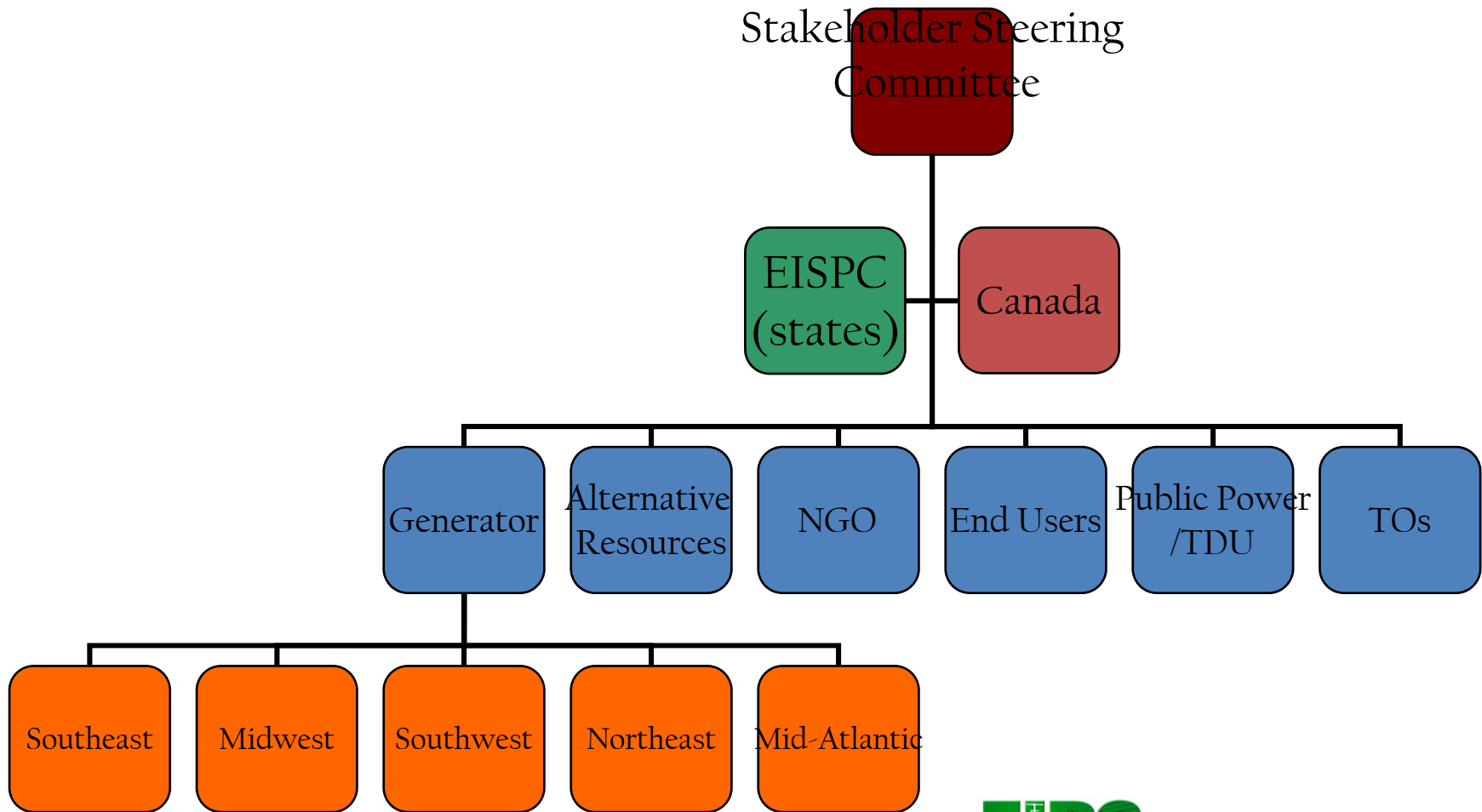
- October 2009 Webinars and follow-up interviews
- How many sectors are reasonable?
- How large should the SSC be?
- What process should be used to select members?
- How do we ensure all interests are represented in a group and that the group has a well defined constituency?
- What balance of representation should be maintained?
- What ground rules are needed and how should they be determined?

FERC-Approved Stakeholder Sectors in Eastern Interconnection 890 Planning Processes

NYISO (Mgmt, Business, Operating Cmtees)	MISO Plng Advisory Cmtee	PJM Plng Cmtee	ISONE Participants Cmtee	SPP Advisory Cmtee	SIRPP*	EIPC SSC Sectors STRAW PROPSAL
http://www.nyiso.com/public/markets_operations	http://www.midwestiso.org/page/Committees	http://www.pjm.com/committees-and-	http://www.iso-ne.com/committees/c	http://www.spp.org/section.asp?pageID=2	http://www.southeastirpp.com/general_docu	
Transmission Owner	Transmission Owner	Transmission Owner	Transmission	Investor Owned Transmission	Transmission Owners and Operators	Transmission Owners & Operators
Generation owners	Independent Power Producers and Exempt Wholesale Generators	Generation Owner	Generation	Independent Power Producers and Marketer Members	Generation Owners and Developers	Generation Owners and Developers
Power Authorities				State and Federal Power Agency		
	Power marketers and brokers				Power Marketers	Other suppliers/Power marketers/RE/DSR
Other Suppliers		Other Suppliers	Alternative Resources	Alternative Power and Public Interest	Eligible ancilliary services	
Municipals and Coops	Municipals, cooperatives, and TDUs	Electricity Distributors	Public Owned Entity	Cooperative Members; Municipal Members	Cooperative utilities; Municipal Utilities	Public Power and TDUs
Small Consumers; Large Consumers (Industrial, Government)	Eligible end use customers	End Use Customer	End User	Small Customers; Large retail customers	Eligible customers	End Use Customers
Government Advocate & Retail Agregators	Public consumer advocates					
Environmental Parties	Environmental/other advocates					NGOs
	Organization of MISO States	OPJMS				States
						Canadian Provinces

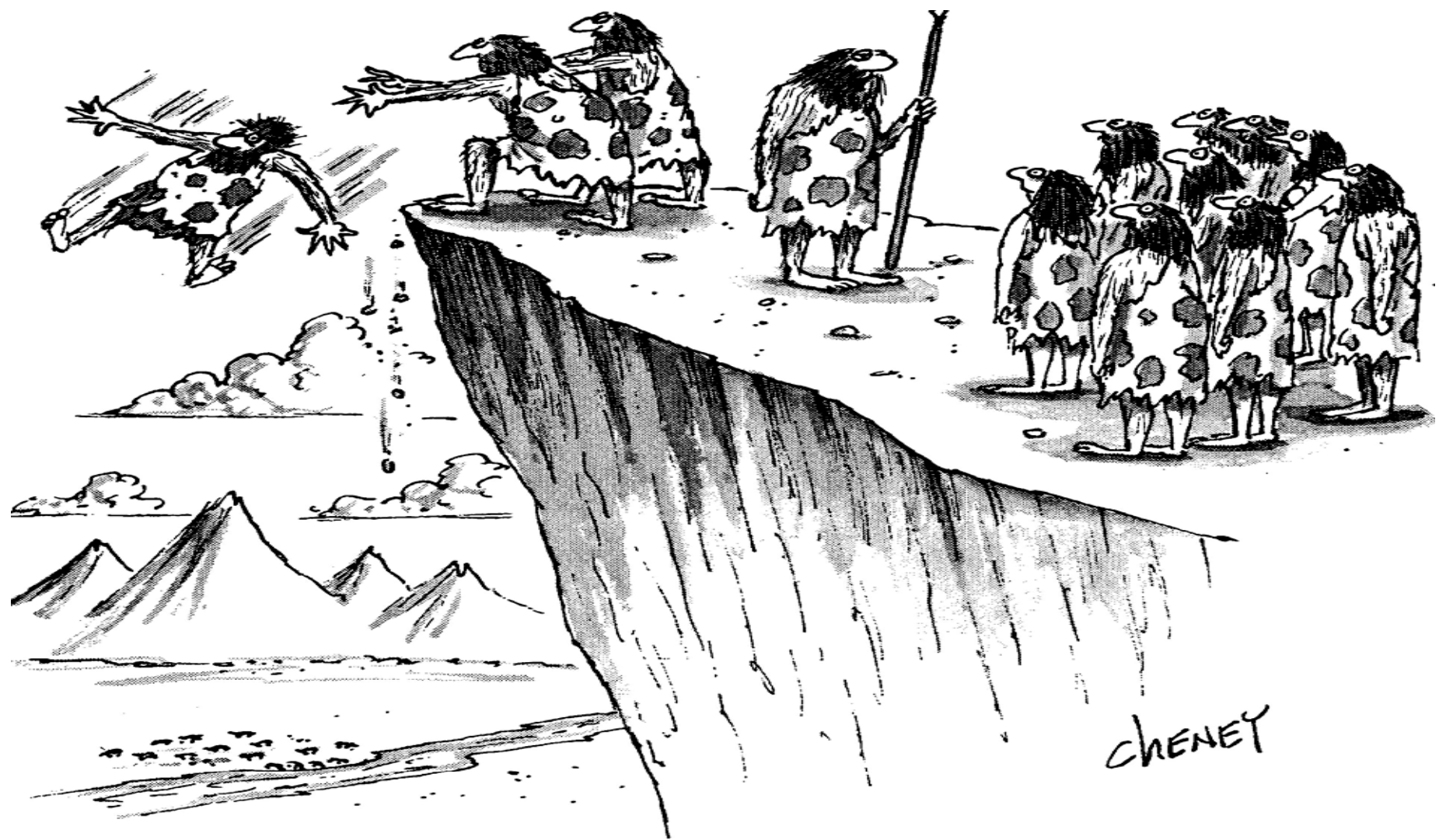
Straw Proposal

SSC Selection Process- Straw proposal



Challenges and Opportunities

- Collaboration among states, regions and all stakeholders on formation of SSC
- Development of an effective stakeholder process
- Need for consensus on scenarios given resource limitations and complexity of scenarios
- Involvement of all Planning Authorities in the Eastern Interconnection
- Interface and joint studies with the other three interconnections in North America



So, does anyone else feel that their needs aren't being met??

EiPC

Eastern Interconnection Planning Collaborative