



Eastern Interconnection Planning Collaborative

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# **Interconnection-wide Transmission Analysis: Technical Work in the Midst of Major Policy Discussion**

NARUC Summer Meeting

July 20, 2010

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# Foundation – What’s all this talk about ...

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- New policies that will drive significant changes in electric energy resources ...
- Changes in the way the industry is regulated ...
- New energy resources that need a path to reach customers ...
- A need to change the way we plan for the future ... things have worked well in the past ...
- Interconnection-wide planning ...

# What is all this talk about EIPC?

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- Eastern Interconnection Planning Collaborative – an open approach to addressing transmission analyses with an interconnection scale
- Idea born in early Spring, 2009
- Began through discussions between regional Planning Authorities
- Solidified in early Summer, 2009
- [eipconline.com](http://eipconline.com)

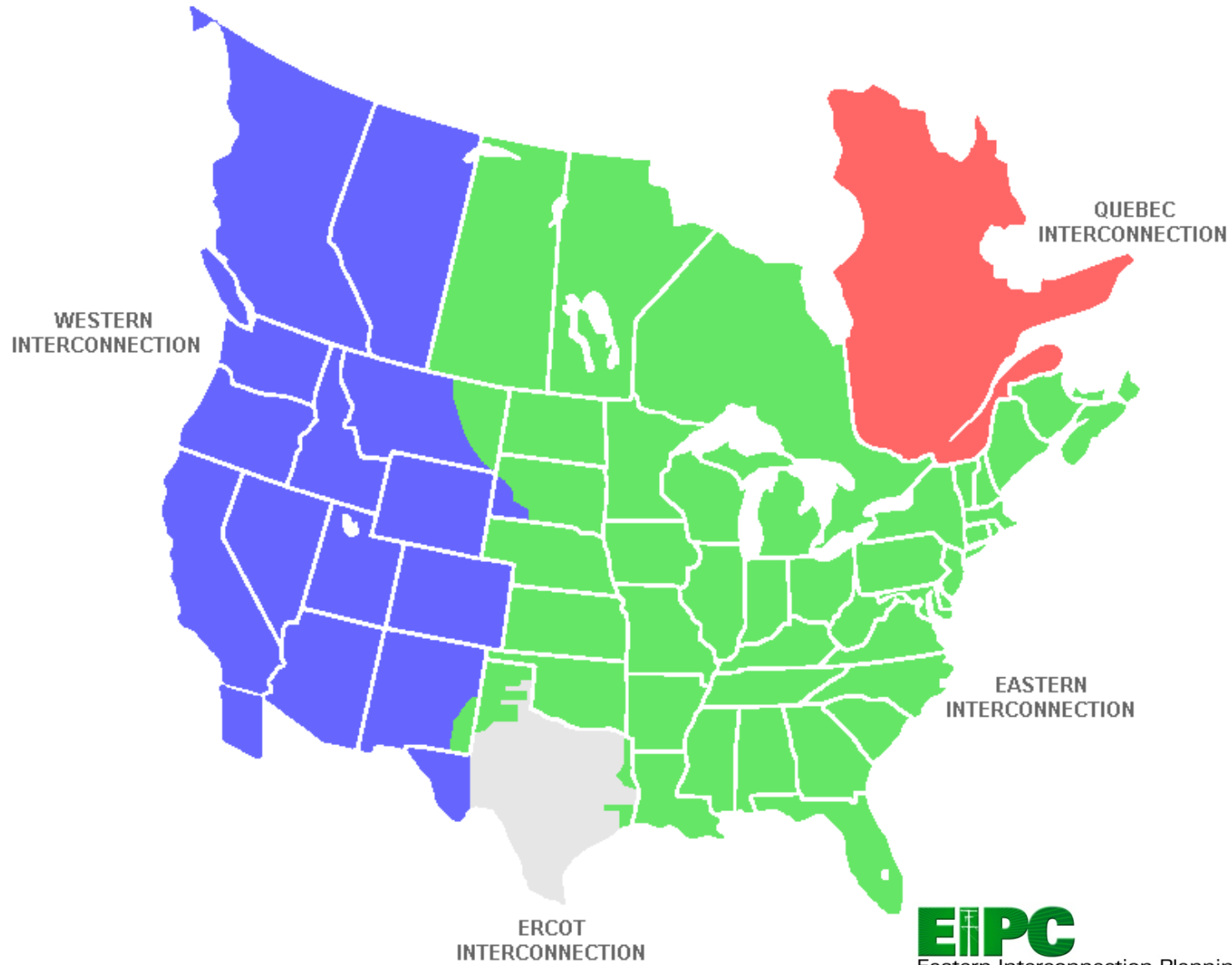
# Enter DOE ...

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- DOE FOA0000068
- June 2009
- Topic A: Interconnection-Level Analysis and Planning for the Eastern Interconnection
- Topic B: Cooperation Among States on Electric Resource Planning and Priorities
- First-of-its-kind effort in the Eastern Interconnection

# Four North American Interconnections

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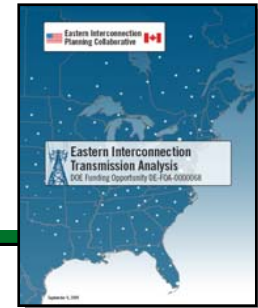


**EIPC**

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# DOE Project – Primary Tasks

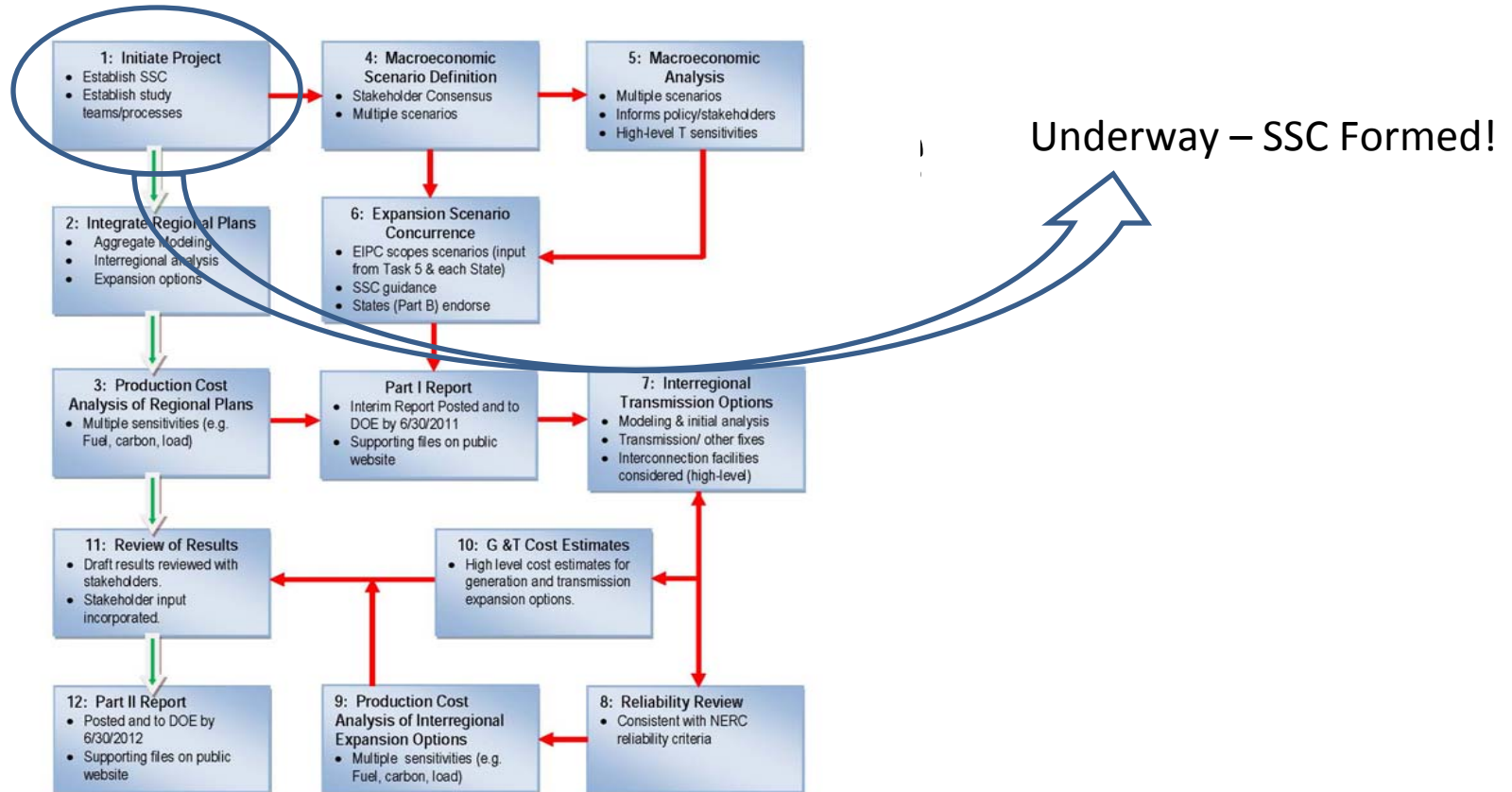
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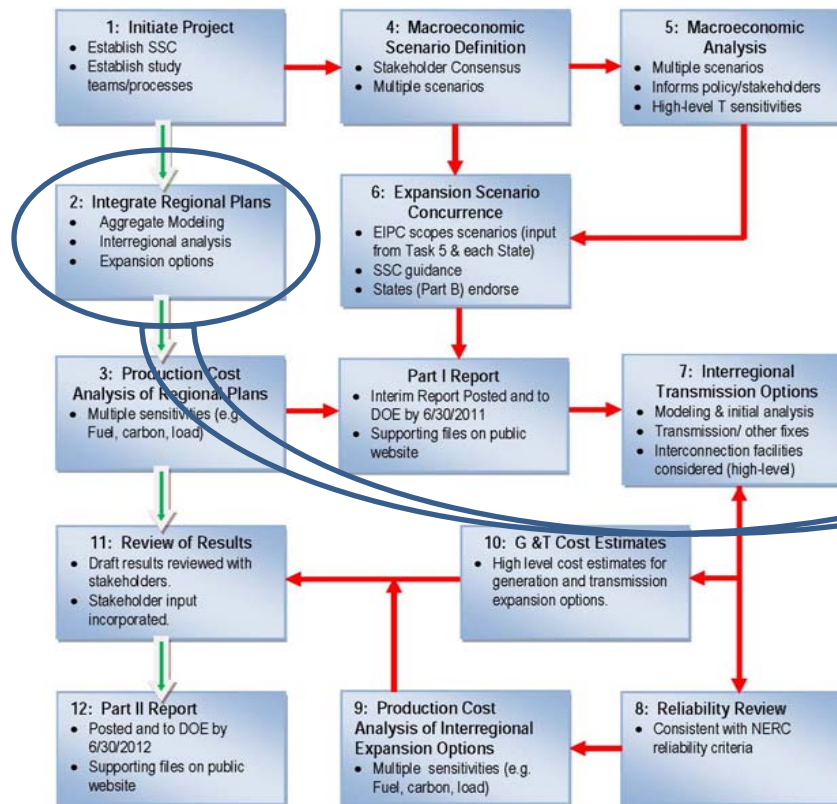
1. Establish an open and inclusive Stakeholder process
2. Complete an integration of existing Regional plans to form an interconnection-wide model
3. Develop potential “resource futures” through economic analyses conducted at the macro-level
4. Complete interconnection-wide analyses of Stakeholder postulated resource scenarios to develop a transmission topology that supports those scenarios

Numbers 3 and 4 will provide a boatload of information!

# Project Tasks – High Level Deliverables

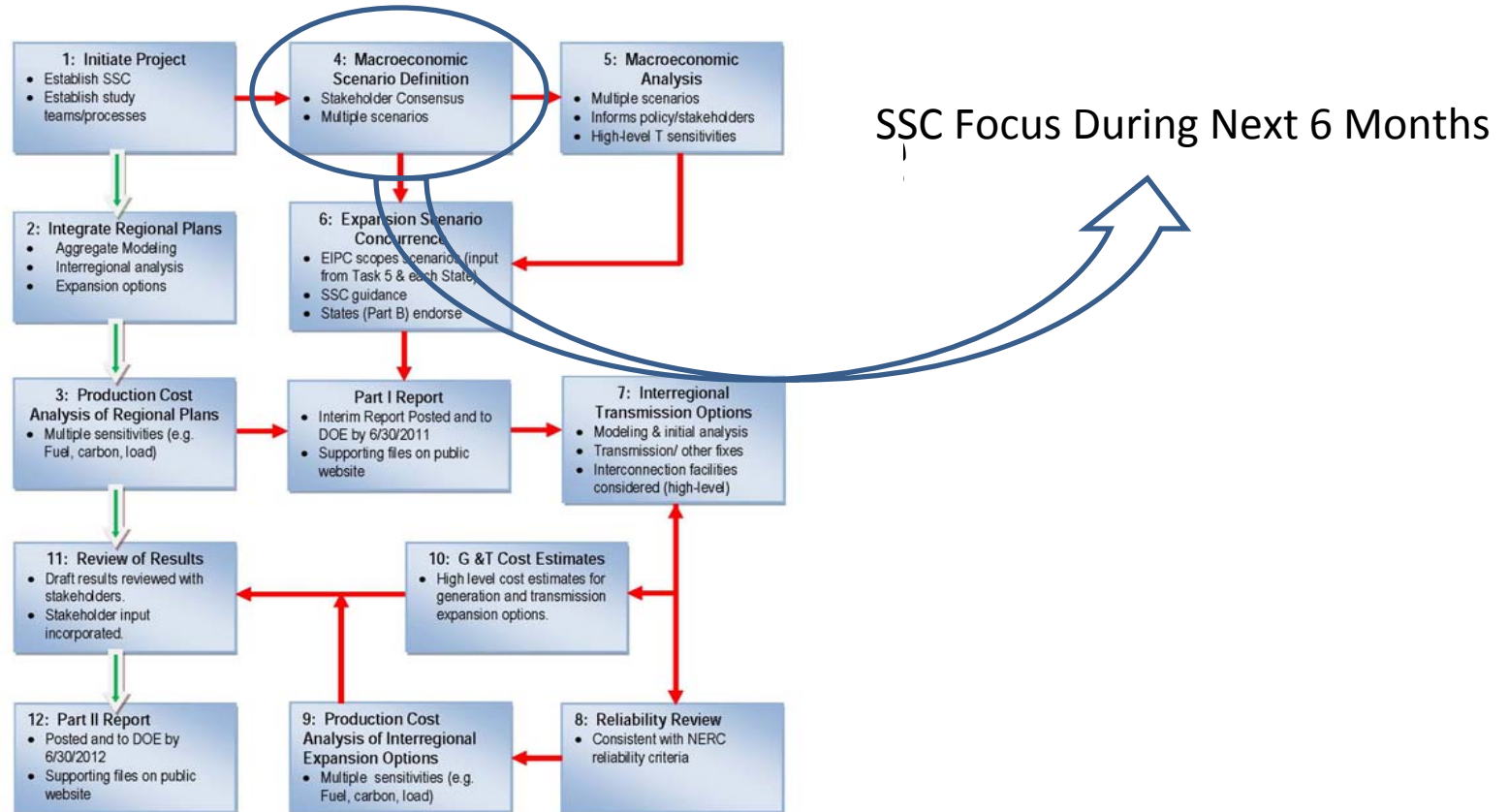


# Project Tasks – High Level Deliverables



Work Started – Data Collection

# Project Tasks – High Level Deliverables



# Work Underway

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- Developing steady state modeling procedures manual
- Collecting data from regional planning processes for 2020 peak load case
- Established internal CEI and confidential data handling procedures
- First Stakeholder Steering Committee Meeting held July 15-16

# Questions and Discussion

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