

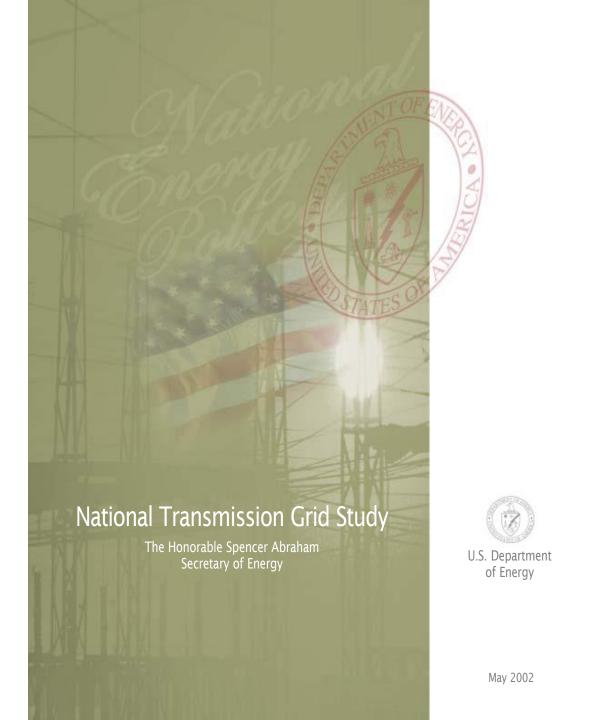
15 November 2018

Challenges to Building Transmission Facilities Where and When Needed: Siting and Permitting Issues

DOE Public Workshop

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Transmission Siting and Permitting

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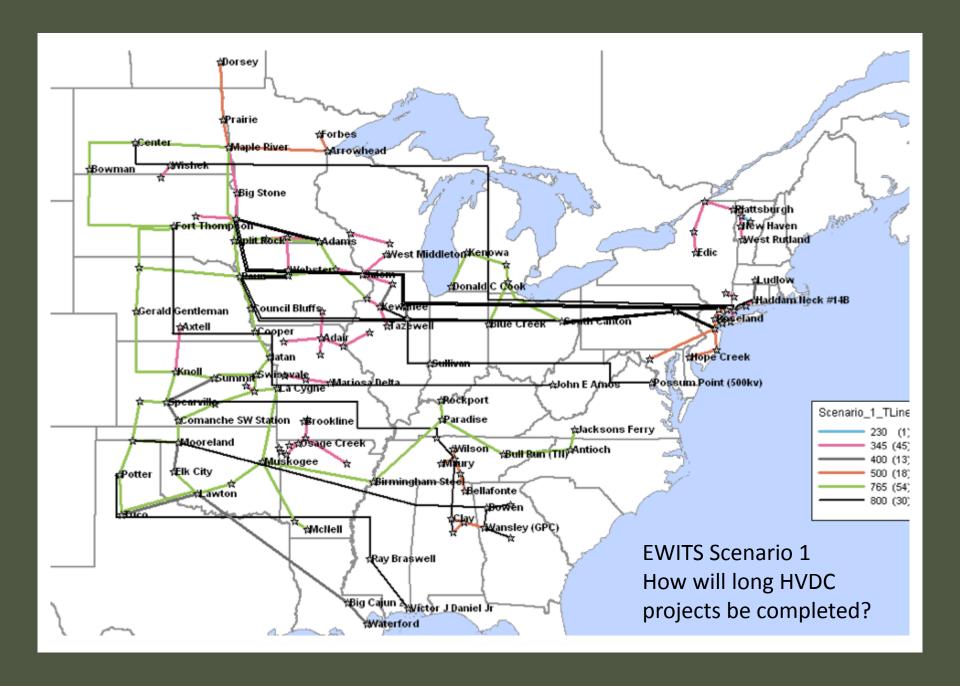
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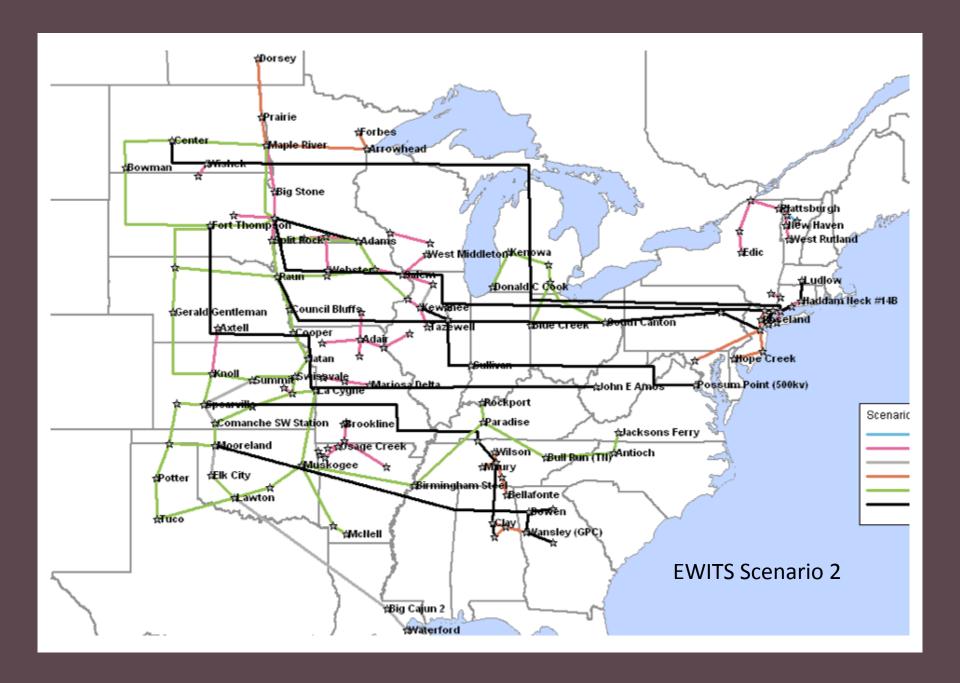
The National Renewable Energy Laboratory A national laboratory of the U.S. Department of Energy

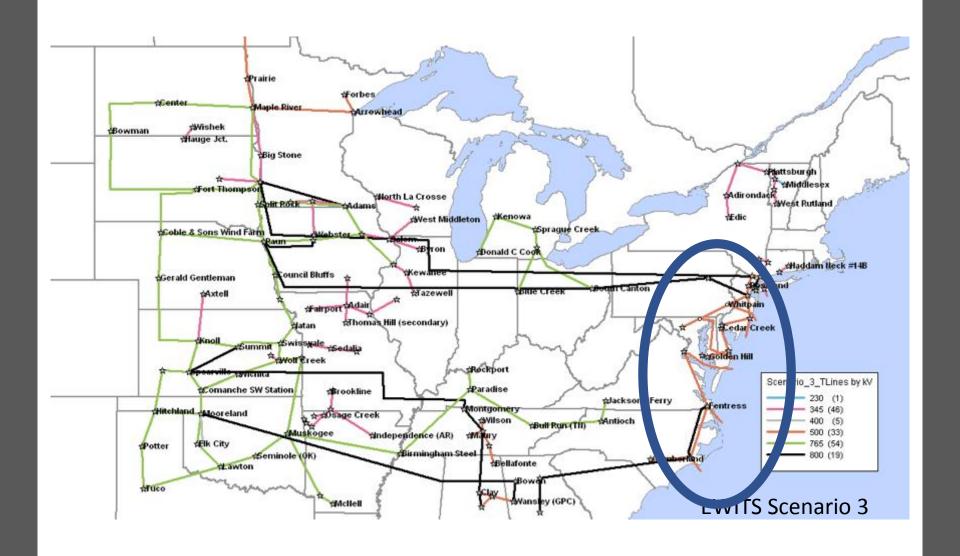
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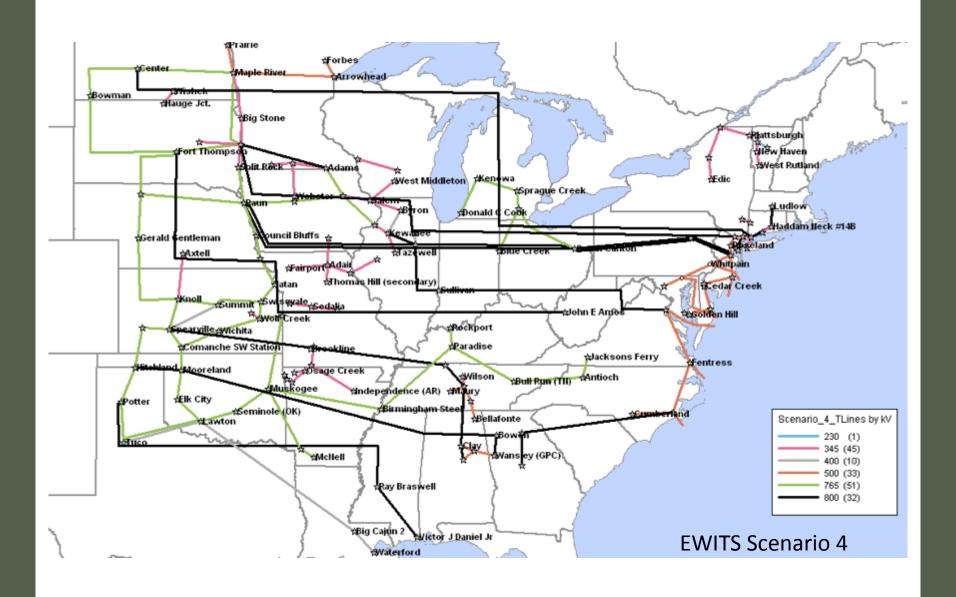
EnerNex Corporation

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WESTERN WIND AND SOLAR INTEGRATION STUDY

PREPARED FOR:

The National Renewable Energy Laboratory

PREPARED BY: **GE Energy**

MAY 2010

EASTERN WIND INTEGRATION AND TRANSMISSION STUDY

PREPARED FOR:

The National Renewable Energy Laboratory

A national laboratory of the U.S. Department of Energy

PREPARED BY:

EnerNex Corporation

REVISED FEBRUARY 2011



Eastern Renewable Generation Integration Study

Aaron Bloom¹, Aaron Townsend¹, David Palchak¹, Joshua Novacheck¹, Jack King², Clayton Barrows¹, Eduardo Ibanez³, Matthew O'Connell¹, Gary Jordan³, Billy Roberts¹, Caroline Draxl¹, and Kenny Gruchalla¹

¹National Renewable Energy Laboratory ²RePPAE LLC ³GE

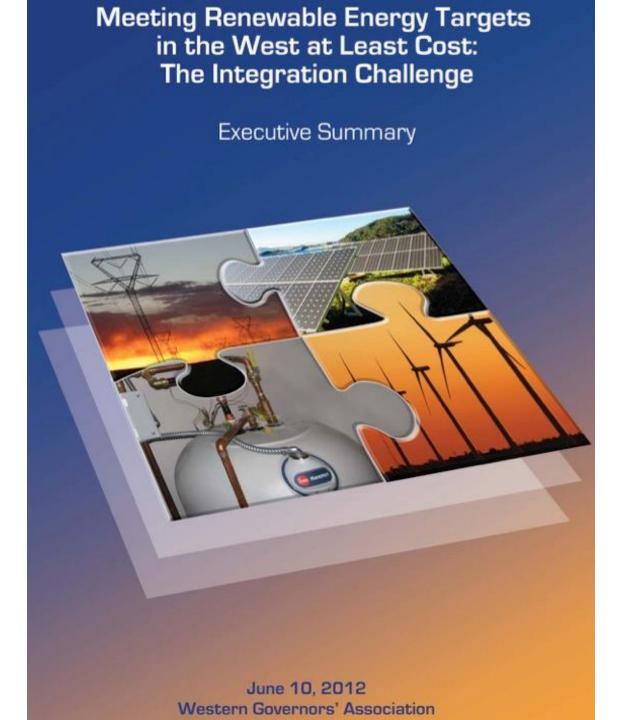
Executive Summary

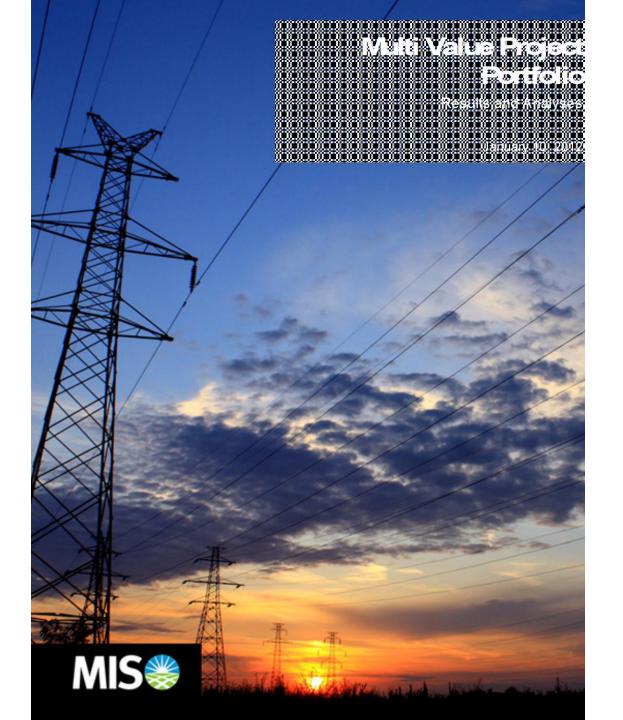
NREL is a national laboratory of the U.S. Department of Energy Office of Energy Efficiency & Renewable Energy Operated by the Alliance for Sustainable Energy, LLC

This report is available at no cost from the National Renewable Energy Laboratory (NREL) at www.nrel.gov/publications.

Technical Report NREL/TP-6A20-64472 August 2016

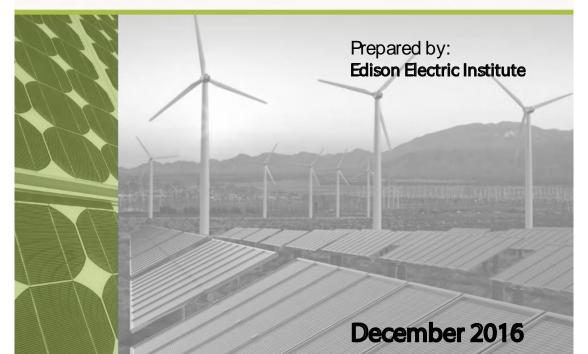
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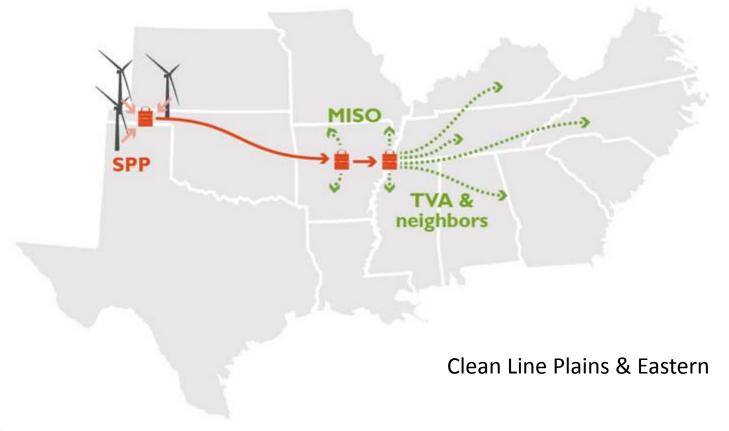






Transmission Projects: At A Glance







This map is intended for illustration purposes only and does not represent a proposed route.



State Siting Bodies and Regional Projects

- Well-positioned to make judgments
 - Questions persist about willingness to consider regional and national benefits
- Distribution of Benefits
- Incumbents and Independents
- Comity among States

Public Engagement

- On-going efforts to inform the public or at least its opinion leaders
- There is not enough engagement...
 - To overcome fundamental mistrust of institutions and motives



About RAP

The Regulatory Assistance Project (RAP)® is an independent, non-partisan, non-governmental organization dedicated to accelerating the transition to a clean, reliable, and efficient energy future.

Learn more about our work at raponline.org



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