

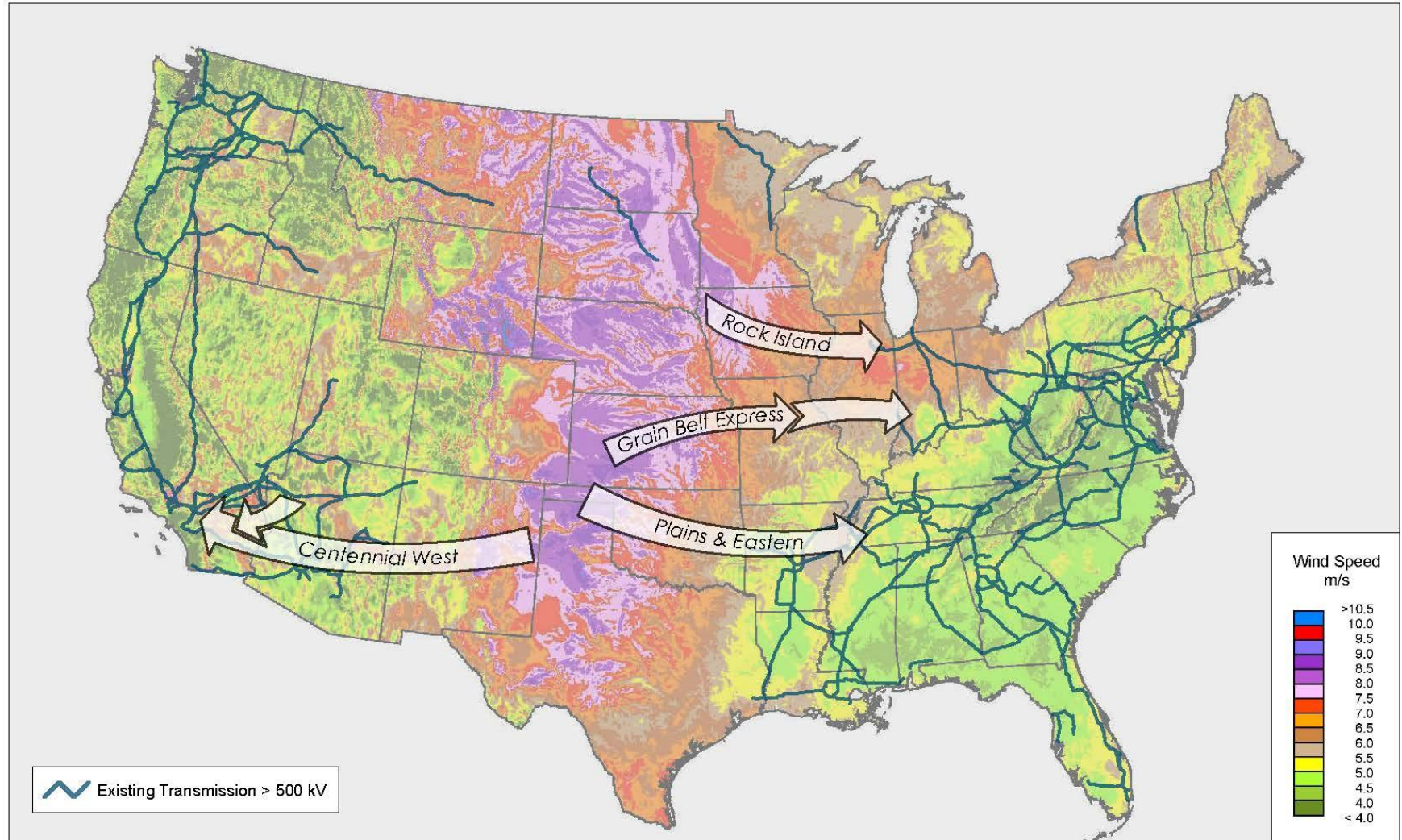
# Iowa Utilities Board Transmission Workshop

Rock Island Clean Line

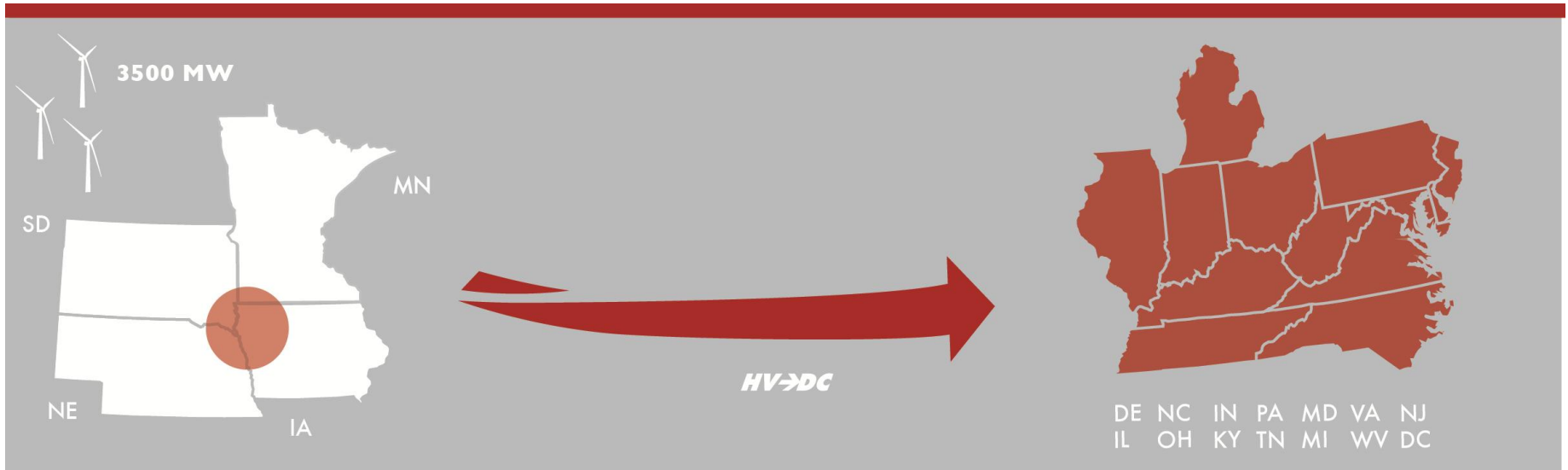
August 2012



# Clean Line is developing HVDC projects to deliver low-cost renewable energy to market



# Rock Island Clean Line



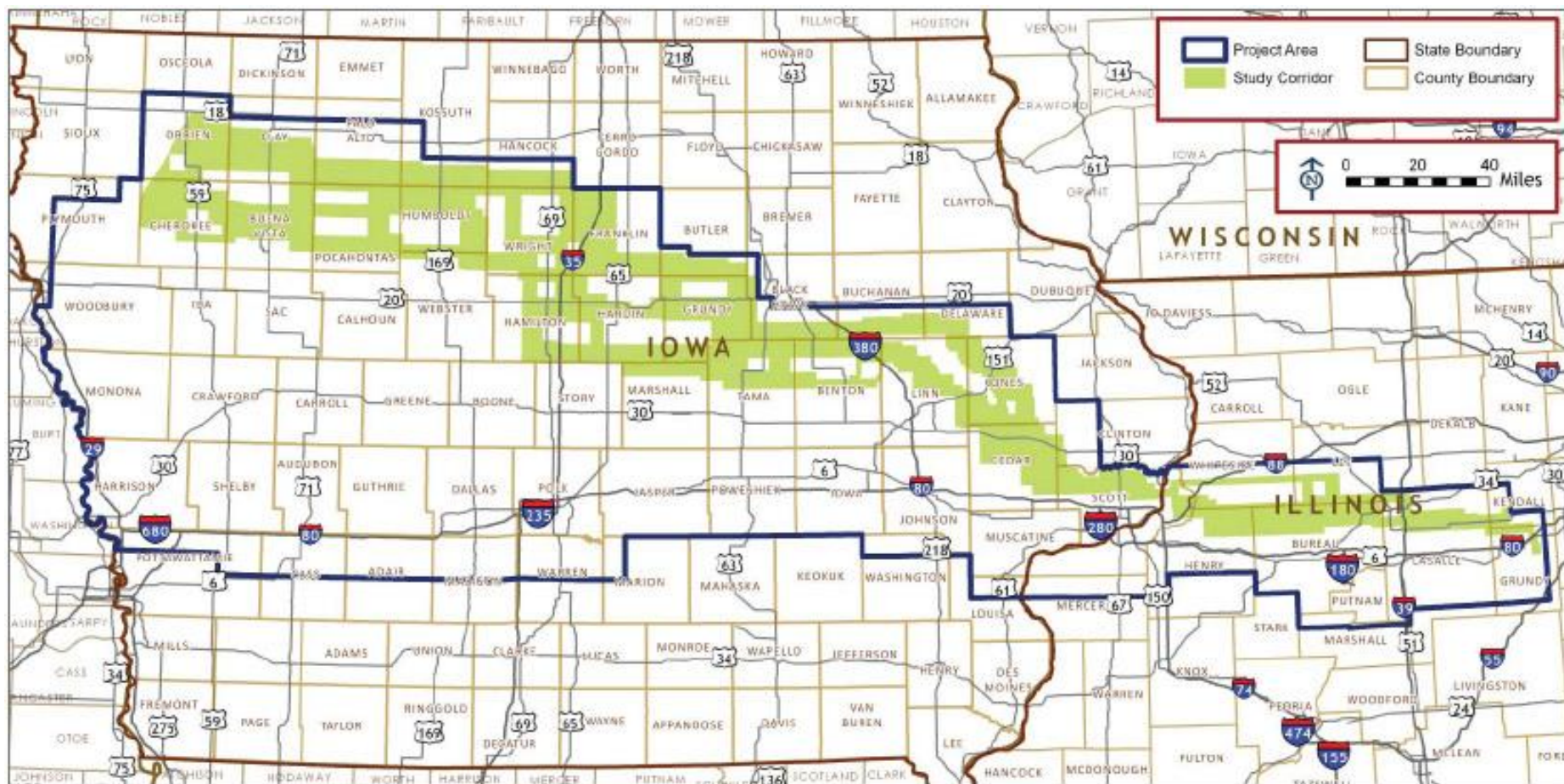
† 500-mile overhead, high-voltage direct current (HVDC) transmission line

† \$1.7 billion project that will enable \$7 billion investment in new wind farms

† 1.4 million homes powered per year

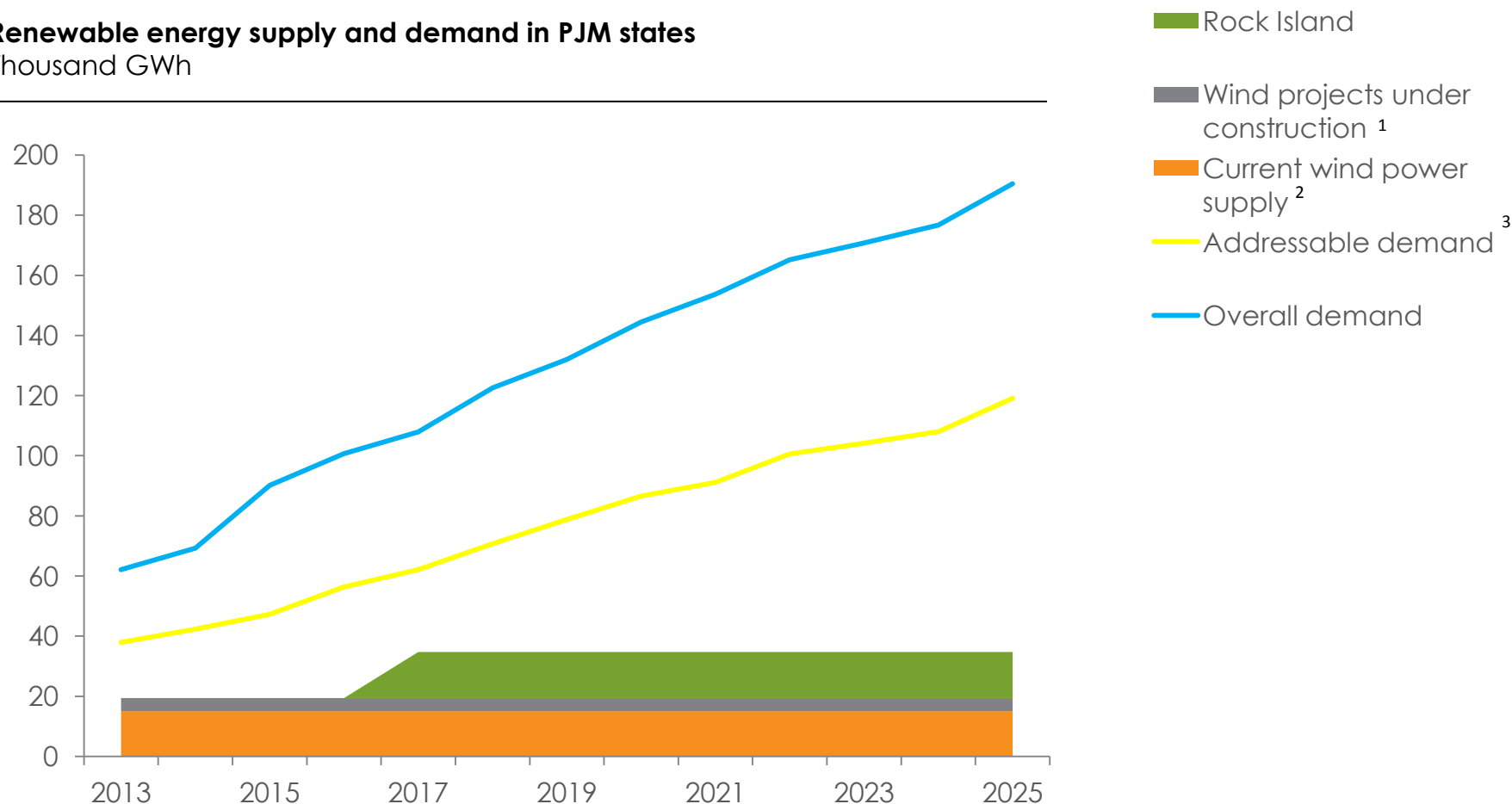


# Rock Island Clean Line Study Corridors



# Rock Island could help address the projected shortfall in renewable energy supply in the PJM states

**Renewable energy supply and demand in PJM states**  
Thousand GWh



1. Wind projects currently under construction within the PJM states

2. Energy from existing wind projects within the PJM states

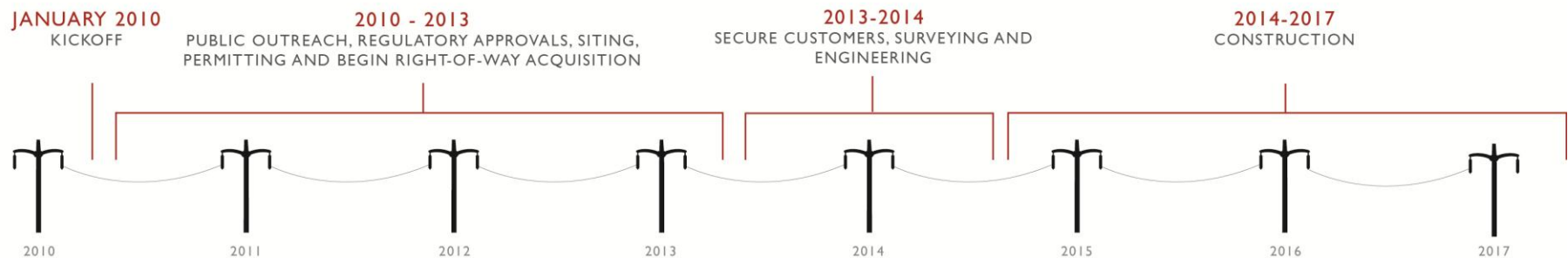
3. Demand for renewable energy credits within PJM for which Rock Island Clean Line wind would be eligible

Source: EIA; DSIRE; AWEA

# Rock Island development progress and schedule

- Siemens performing engineering and design work for converter stations
- Hosted 33 landowner open house meetings and four local business open house meetings
- Kiewit engaged as EPC Alliance Partner
- Received approval for negotiated rate authority from the Federal Energy Regulatory Commission

## ROCK ISLAND CLEAN LINE SCHEDULE



# Interconnection process

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- PJM interconnection requests in final stages of study
- Coordination of interconnection studies between MISO and PJM has begun
- “No Harm” study with MISO is in-progress
- Interconnection request submitted to MidAmerican for western terminus
- Anticipate inclusion of Rock Island in PJM's 2012 RTEP in the scenario analysis and in PJM's 2013 RTEP as a baseline assumption.
- Anticipate inclusion in MISO's 2013 MTEP subject to completion of the “No Harm” study

# ROCK ISLAND

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# Structure types under consideration

