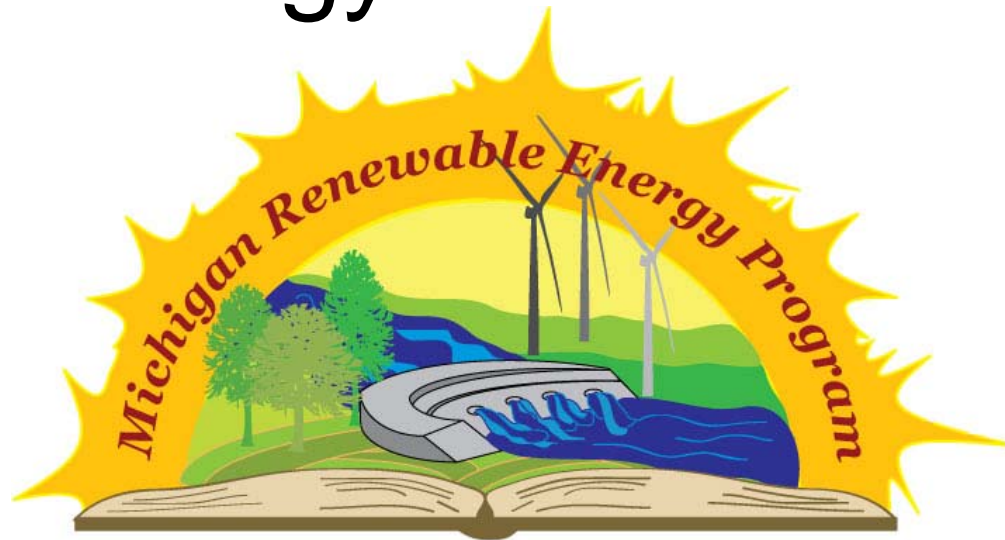


# Other State Processes for Identifying Wind Energy Resource Zones



**Michigan Public Service Commission**

Michigan Wind Energy Resource Zone Board Meeting  
March 2, 2009

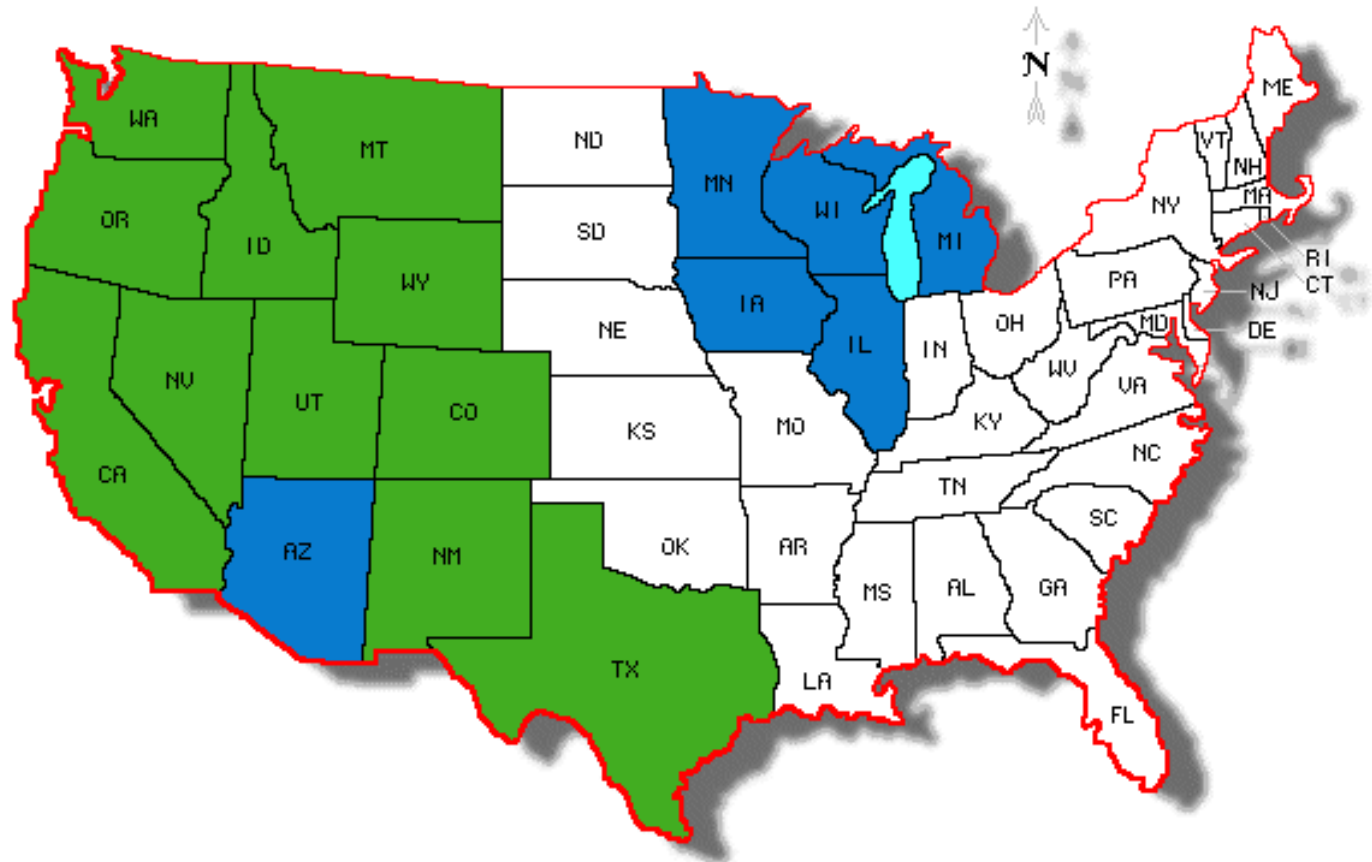
Christine Battiste, Policy Analyst  
Renewable Energy Section

(517) 241-5753 [BattisteC@michigan.gov](mailto:BattisteC@michigan.gov)

# Other State Processes for Identifying Wind Energy Resource Zones

● *States with Plans*

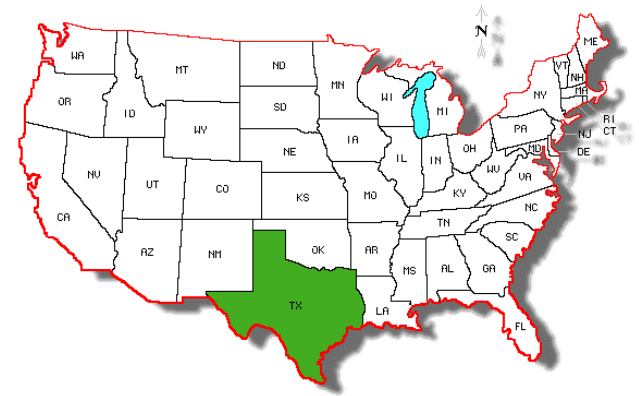
● *States in Process*



# State Processes Completed

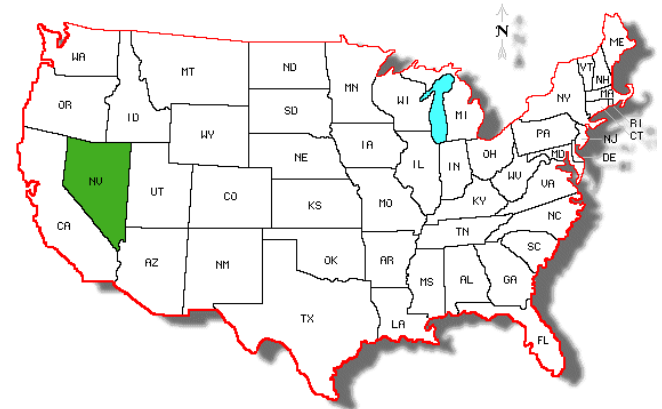
- **California** (January, 2009, 359 pp.)
- **Colorado** (December, 2007, 68 pp.)
- **Nevada** (December, 2007, 18 pp.)
- **Texas** (December, 2006, 120 pp.)

# Texas



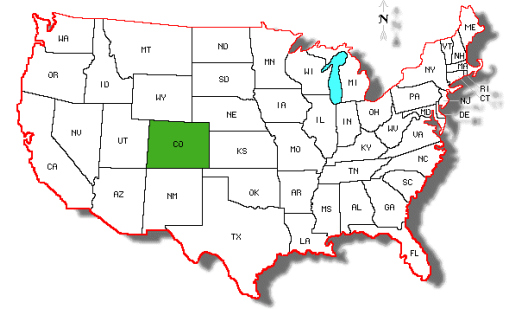
- ERCOT- Electric Reliability Council of Texas study supports Texas PUC project to designate *COMPETITIVE RENEWABLE ENERGY RESOURCE ZONES* (CREZ's)
- Plan (120 pp.) covers only wind
  - Findings: Texas has vast REZ potential
  - Conclusions: CREZ's are only as good as the transmission

# Nevada



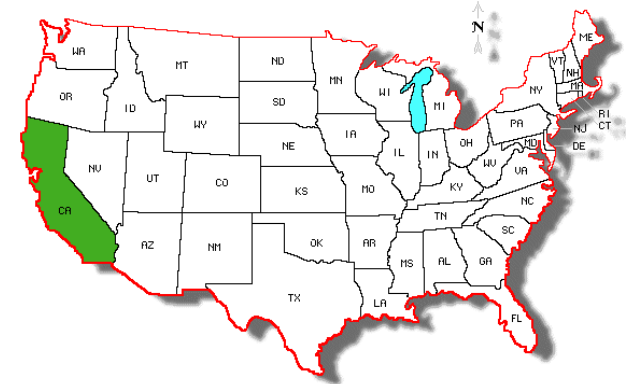
- Nevada Renewable Energy Transmission Access Advisory Committee
- Currently in Phase I of work plan (18 pp.)
  - Identified REZ (Solar, wind, etc)
  - Identified Constraints and Recommendations
- Phase II Report expected July 2009
  - Focused on transmission/interconnection
  - Addressing means of financing transmission
- Recommendations & Conclusions

# Colorado



- Renewable Resource Generation Development Areas Task Force
- Focus on ALL types of potential renewable energy in Colorado (68 pp.)
- Graphic/Photo heavy: Task force created maps/graphs of various types of renewables.
- Potential Problems & Difficulties Identified: Focused on too much in one report. Were not able to be detailed in analysis of each renewable energy type.

# California



- **RETI- Renewable Energy Transmission Initiative**
  - RETI Stakeholder Steering Committee
- **Plan covers all renewable energy types** (359 pp.)
  - Economic Analysis: Cost/Value Analysis
  - Environmental Analysis: Assessed exclusionary areas, focused on large areas of potential development.
- **Conclusions** – RETI confirmed many potential CREZ areas. Transmission analysis needed for identifying most feasible.

# Conclusions

- Most states are using GIS tools in order to evaluate
- Nevada, Colorado & Texas regretted not running Transmission study/Phase II parallel to initial study with zone designation.