

**-DRAFT-  
AGENDA**

Technical Advisory Group  
September 19, 2007, 1:30 p.m. to 4:30 p.m.  
Room 320, Pyle Center  
702 Langdon St., Madison

- 1:30 p.m. Opening comments
- 1:45 p.m. Presentation by The Climate Registry  
<http://theclimateregistry.org/index.html>
- 2:15 p.m. Discussion of the “Preliminary Data Requirements” document provided  
by ICF and the data table provided by WDNR
- What data is available?  
Sources of better data  
Questions to the Work Groups
- 4:15 p.m. Next Steps

**This meeting is open to the public.  
For more information, or if you need special accommodations to attend this  
meeting, contact Nick Sayen, DNR, at (608) 267-2466 or [nick.sayen@wisconsin.gov](mailto:nick.sayen@wisconsin.gov).**

**Wisconsin Global Warming Task Force**  
**Preliminary Data Requirements:**

The following is a preliminary list of data required to develop a Reference Case for modeling climate change mitigation policies on behalf of the Wisconsin GWTF. We anticipate that we will need to gather information on the following issues:

1. Assuming the use of 2003 as the last “historic” year for modeling purposes, please identify any changes or discontinuities which would affect energy use and emissions beyond that year. These may include:
  - a. Regulatory changes affecting electricity sector (ie. affecting industry structure, emission requirements for SO<sub>x</sub>, NO<sub>x</sub>, mercury, etc.).
  - b. Regulatory changes affecting energy use, including building codes, appliance/equipment standards, vehicle or other transportation emissions, land use planning, etc.).
  - c. Changes that differentially affect industry structure (ie. changes in energy intensive industries that would not be evident from historic trends).
  - d. Changes affecting energy supply and delivery, including planned transmission or pipeline expansions).
2. Any new power generating units expected to be added during the modeling period and their characteristics (ie. plant type, capacity, heat rates, in-service dates, etc.).
3. Any power generating units expected to be retired during the modeling period (specific plant names and locations)
4. Review the list of generating units for Wisconsin to identify changes required. ICF will provide the list of generating units currently used in the model (based on EPA NEEDS database).
5. Any planned additions/retirements of ethanol or bio-diesel plants in the state.
6. Any available forecasts of energy requirements for electricity, natural gas, transportation fuels, etc..
7. Information on targets for electricity and natural gas DSM over the planning period. Ideally we would like to know energy savings targets by year. In addition it would be helpful to obtain information on past performance in meeting such targets.
8. Information on any existing State plans relating to energy efficiency, energy supply or transportation plans that will impact energy use.
9. Where available, we would like to obtain specific information relating to existing saturations and market shares for key energy efficiency equipment (ie. what % of homes now use CFL’s, status of efficiency of major appliances, penetration of T8 lighting with electronic ballasts in the commercial market, etc.). This information will be helpful in enhancing the accuracy of the reference case, but will be particularly useful to the extent that it relates to planned policies.
10. Any Wisconsin-specific information on transportation demand or forecasts, mode splits and vehicle efficiency.

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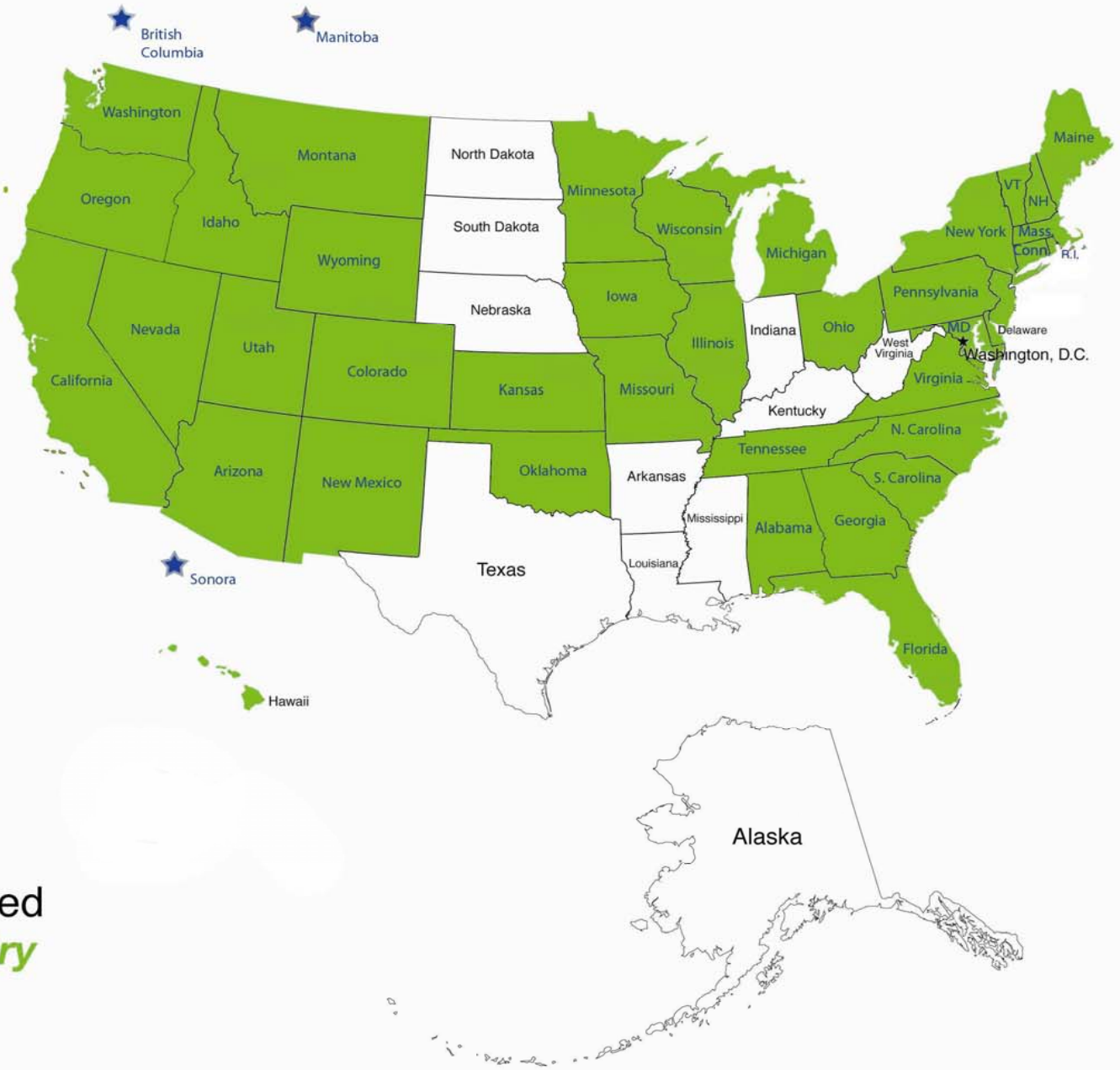
# Introduction to The Climate Registry

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**The Climate Registry**

**Joel Levin  
Madison, WI  
September 19, 2007**



States that have joined  
*The Climate Registry*

# Background of the Climate Registry

- Founded by discussions among states that had established or were interested in establishing state or regional GHG registries.
- States were considering a variety of policies to reduce GHG emissions and an effective mechanism to track was the first step.
- Incorporated in March 2007 in Washington, D.C. as a non-profit organization
- Currently seeking organizations to be charter reporters and be recognized at the launch in January 2008



# The Climate Registry

- The largest climate initiative in North America
  - States representing over 80% of U.S. population involved, along with Canadian provinces, Mexican states and Indian tribes
- Its about precise accurate measurement
  - Critical first step to address climate change
  - European example-why measurement is important
- Organizations are being invited to participate in founding this important program



# Key Principles of the Climate Registry

- A common accounting standard and infrastructure to support state policies
- Policy neutral—leave policy to the states
- The recognized platform for credible and consistent GHG emissions reporting in North America across borders and industry sectors
- Independent third-party verification
- Public reporting while respecting business confidentiality



# Value to Wisconsin (1)

- Provides the accounting infrastructure to support all state GHG policies
  - Consistent with international reporting/verification standards
- Cost and time effective—build on what is established
  - CA Registry took 3 years from legislation to first registered data
  - Cost state about \$2 million



# Value to Wisconsin (2)

- Collaborate with other jurisdictions
  - Climate change is not like other environmental issues—one state cannot solve it by itself
- A voice in establishing national standards
- Help Wisconsin companies to establish a nationally-recognized baseline and demonstrate reductions



# Benefits for organizations to report to the Climate Registry

1. A cost effective means to measure GHG emissions
2. Document early actions for state or federal recognition
3. Prepare for potential regulation
4. Education for employees on GHG emissions
5. Save money on energy
6. Access to software and technical support
7. Recognition as a global environmental leader



# Three Step Process

1. **Gather data annually, input into web-based software**
  - All 6 Kyoto gases (CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs, SF<sub>6</sub>)
  - Direct: stationary, mobile, process and fugitive
  - Indirect: electricity and steam
  - Tracking mostly through utility bills and vehicle fuel
2. **Verify data using third-party verifiers**
3. **Report bottom line data publicly**



# Protocol and Software Development

- **General reporting protocol being developed by Programs and Protocols Committee**
  - Summary of recommendations now available
  - Draft of protocol will be reviewed by full board on October 19, then released for public comment
  - Board will adopt final protocol in January
- **Software vendor being selected by Software Working Group**
  - Goal is to have it operational in March 2008



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# Costs of Participation

Annual Participation Fee

Annual Verification Fee

Staff time

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# How to participate

- **Submit signed Statement of Intent**
- **Pay fee**
- **National recognition as a founding affiliate—  
if signed up by January 2008**
- **Actual reporting and verification work does not  
start until 2008**



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**More information available at**  
**[www.TheClimateRegistry.org](http://www.TheClimateRegistry.org)**



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**The Climate Registry**

## Technical Advisory Group

September 19, 2007, 1:30 p.m. to 4:30 p.m.

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### Meeting Notes

#### Attendance:

Kris Krause	Peter Taglia
Joe Kramer	Annabeth Reitter
Lewis Gilbert	Andy Kellen
John Larsen - WRI	Glen Wood - ICF
Dennis Koepke	Nick Sayen
Tia Nelson Task Force Co-Chair	Paul Meier (uncertain)

George Penn, member of the public  
+ Ed Jepsen, Mike Koerber, and Joel Levin with Climate Registry presentation (who left after pres.)

#### I. The Climate Registry presentation (<http://theclimateregistry.org/index.html>) - Joel Levin (see accompanying slide show on TAG webpage)

Intro from Ed Jepsen, DNR and Mike Koerber, LADCO

##### Covered:

- background info. and rationale for creation - impending 'patchwork' system
- essentially creating GAAP for GHGs - policy neutral
- potential values to WI
- process in joining and participating

#### II. Discussion of preliminary data request from ICF (see accompanying document on TAG webpage)

- Importance of identifying 'discontinuities' between historical data (up to 2003) and today
  - e.g. - changes in transmission lines/pipelines/new power
  - station construction
- Importance of verifying accuracy of data - e.g. #/type of power stations
- It is important to provide the best data available for the reference case
- TAG may request input on specific data from work groups
- Discussed time-line
  - +/- 3 mos. for building reference case
  - This may be shortened depending on TAG ability to provide data and assumptions
  - 1 month to develop individual policy preparation for modeling
  - 2 mos. for modeling the portfolios of policies as directed by the Task Force