



**MICHIGAN CLIMATE ACTION COUNCIL  
RESIDENTIAL, COMMERCIAL AND INDUSTRIAL  
TECHNICAL WORKING GROUP  
Summary of Teleconference Meeting, Call #2  
January 31, 2008**

Attendance List:

MI Residential, Commercial and Industrial TWG Members:

Jim Ault, Guy Bazzani, Steve Boeckman, George Curran, Michael Garfield, John Hiefje, Tom Horton, Steve List, Mike McNalley, Leonard Parker, Shelley Sullivan, Frank Zaski

State of Michigan:

Lynn Fiedler, Patrick Hudson, Keith Paasch, Lisa Pappas, Pete Dirkos

CCS:

Jeff Wennberg, Donna Boysen, Randy Strait

Public:

Frank Schulmeister, Terry Marswell

---

Jeff Wennberg called the meeting to order at 1:33 and called the roll.

Jeff reviewed the agenda and pointed out that due to a schedule conflict Donna Boysen would be unable to remain on the line for the end of the call. He suggested that the order of the agenda be shifted to allow her review of the Inventory and Forecast to come first.

Donna explained that she and Randy were working on the appendices of the I&F which explained the data sources and assumptions in some detail. She mentioned that the ES TWG had held a special call for I&F review and a number of changes were being made to that sector's I&F as a result.

Leonard Parker asked about an apparent error in Appendix B and Donna thanked him for pointing it out. Amy Butler suggested that there were much more up to date numbers for natural gas in the 21<sup>st</sup> Century Energy Plan. Donna said that suggestion had been made in the ES call and that she and Randy were working to incorporate the Energy Plan numbers as fast as possible.

Jeff asked for comments on the catalog. A very lively discussion ensued, the results of which are listed below:

- Under 1.8, Low Cost Loans for Energy Efficiency Improvements, the use of rebates would be added to the option;
- Under 1.1, Utility Demand Side Management, the concept of demand response to reduce peak load would be included;

- Under RCI-2, the concept of incentives to encourage developers to go beyond building code standards, especially as a bridge while current mandatory codes are strengthened;
- For code upgrade, it was suggested that IECC 2006 be adopted;
- There needs to be a rating system or some kind of certificate to encourage excellent energy efficiency in existing residential building renovations.
- There was not enough emphasis on retrofit of the existing buildings – especially residential buildings; given the age of the existing inventory and the slow growth rate in Michigan, the best opportunities for efficiency improvements will be found through upgrade of the existing stock.
- The section on energy efficiency building codes, 2.1, should be split into two, one for new construction and one for existing buildings, with the emphasis on incentives in the existing building section;
- Section 2.9, Training and Education for Builders and Contractors, should be expanded to include subcontractors in the general building trades;
- Under 2.5, Planning for Energy Efficient Communities (Smart Growth), the TLU TWG has done a cross-walk with the recommendations from the Land Use Leadership Council which might also help develop this option;
- Under RCI-3 there needs to be an option regarding lighting efficiency;
- Under RCI-3 there needs to be an option regarding standby losses from consumer electronics;
- Under RCI-3 there needs to be an option regarding a standard for residential water heaters;
- Under RCI-3 there needs to be an option regarding the retirement of old refrigerators;
- There needs to be an option concerning the replacement of old inefficient home heating furnaces, with encouragement for ground source heat pumps and other alternative technologies;
- There needs to be an option encouraging the retirement of targeted inefficient commercial appliances, a movement toward modulating restaurant range hoods was an example;
- There needs to be an item about upgrading electric motors and pumps used in industrial applications;
- There was a proposal for a conservation program aimed at changing general public behavior concerning the use of energy;
- Green Power Purchasing (5.1) needs to be strengthened;
- 5.2, Net Metering, needs to be strengthened;
- There needs to be a Feed-in Tariff option under RCI-5;
- University studies have shown the potential for micro wind and rooftop solar and these need to be recognized;
- There needs to be a policy option encouraging the forest products industry and the use of state-owned forests to encourage greater availability of biofuels;
- There needs to be a local government ‘lead-by-example’ option as there are many innovative municipal actions underway;
- The concept of an energy efficiency utility should be offered through a policy option;

Jeff Wennberg asked if there were any comments from public participants on the call, and there were none.

The next two calls were scheduled for February 21<sup>st</sup> from 3:00-5:00PM Eastern and March 13 from 3:00-5:00PM Eastern.

There being no further business the call was adjourned.