

## Turning Waste to Cash in Wisconsin – December 8, 2015

### Wisconsin Public Service Commission

1. Welcome - Maria
2. Updates
  - a. Transition to the [Public Service Commission \(PSC\)](#) from DOA as part of the state budget process
  - b. Dave Jenkins retired
  - c. [The State Energy Office \(SEO\)](#) has been combined with [Focus on Energy \(FOE\)](#)
  - d. There is now a regulatory side and programmatic side of PSC
  - e. This involved the creation of the Office of Energy Innovation
    - i. SOE and FOE
  - f. SEO has opportunities for grants and new projects, and FOE has parameters set by rules and regulations, but there are opportunities to improve both programs and collaborate.
    - i. Strategic planning for the organizations is the next step
3. Roundtable
  - a. Herb
    - i. [MWERC](#) working with Industrial Energy Efficiency (IEE)
    - ii. Combining Industrial assessment center with Tony from FOE, so that there isn't overlap of programs
      1. There are moments when there is overlap
  - b. Tom Nowakowski
    - i. Reorganization of their section in DNR
    - ii. Plugged into AD thru [Green Tier](#), somewhat shifted away from that for a while, trying to get back in
  - c. Tom Zelinski
    - i. A group of experts on biofuels and regulatory issues has been formed
  - d. Janet
    - i. More requests from utilities dealing with sustainable energy development, biogas among them.
  - e. Gary
    - i. If we have all new generation from non-utility sources, how do we make this work?
    - ii. Department of Commerce is looking into it, so they are taking it seriously. Early stages of policy development
    - iii. Utilities are regulated by states, but federal control tends to creep in
  - f. Joe
    - i. Part of a group to promote [Distributed Generation \(DG\) in WI](#)
      1. They put out an [RFP for \\$5-10k per DG projects](#)
      2. Composed of utilities, state government, technical colleges, NGOs, technology providers
  - g. Craig
    - i. Changes in the program ([large energy users](#))
      1. Significant increase in demand for incentives and services in EE
      2. Reflection of improving economy
    - ii. Uptick in interest in internal customer EE
      1. Harvesting the waste stream and get the biogas to make use of it

2. The economics have been less than feasible, but there are customers that are interested in this process
- h. John Nichol
  - i. FOE has become busy on the large energy user side
  - ii. There is just too much demand! This is a good thing, but requires a change in rates
  - iii. The program has done well, they have to demonstrate the cost-effectiveness of the program
- i. Preston
  - i. Policy change with Renewable Energy (RE) program to be a loan-only program
    1. This led FOE to treat biogas or steam production as Energy Efficiency (EE) as long as it is within the fence of a system
    2. This helps the EE projects (and funding) move along.
    3. Limited to biogas and waste heat
- j. Jeff
  - i. Just wrapping up the strategic planning with MWERC for IEE
  - ii. MWERC is undergoing a transition to be more operational minded.
    1. IEE group is going to transition into an action group
  - iii. Making a new working group in DG and energy storage
  - iv. Currently working on [Energy/Water Nexus](#)
- k. Cliff
  - i. Major efforts not necessarily WI-related, but Midwest related
  - ii. [Midwest CHP-TAP](#) Strategy
    1. Looking at specific market sectors – food process, chemicals, WWTP, hospitals, community engagement
  - iii. Utilities are starting to engage with CHP more than in the past
    1. Diversification of ownership
    2. Spike in interest
  - iv. Incentive programs by utilities are undergoing changes to include CHP in OH
  - v. In IL there are programs run by IL-SEO
  - vi. Taking a second look at standby rates
    1. IA has reviewed their rates and made changes and updates
  - vii. Rate cases in MN, MI, and IN are ongoing
  - viii. There is funding available for outreach across the region
    1. Studies, feasibility, tech assistance, case studies, operator training
- l. Ryan
  - i. Dealing with supplier issues
  - ii. Prices of fossil are low and create some difficulties with CHP development
  - iii. There is a dedicated person in marketing to focus on Mexico and NY, the end form of the effort is yet to be seen
4. [Biogas Survey Presentation](#) (emphasis on CHP) – Clint Fandrich
  - a. Could SEO put on a webinar to release survey findings?
5. Planning for the Wisconsin Action Plan
  - a. Comments were made to improve the outlines for each of the white papers (attached)
  - b. Craig and John from Leidos expressed interest in completing the IEE/SEM white paper
  - c. Other stakeholders will discuss the possibility of a team effort for the DG/Standby Rates/Interconnection white paper
  - d. **If anyone is interested in writing or contributing to the DG/Standby rates/Interconnection white paper, please contact [Clint!](#)**
6. Final comments and adjourn