

New Jersey's Clean Energy Program  
Energy Efficiency Committee Meeting  
Tuesday, June 17, 2008  
Hosted by Honeywell - CSG/Iselin

Attendees:

In Person:

Dave Holland (Honeywell)  
Dave Wolk (Honeywell)  
Dawn Chaplin (Honeywell)  
Sharon Wolf (NJ BPU)  
Cameron Johnson (OCE)  
Mary Uschak (NJ HMFA)  
Dave Nichols (Rate Counsel)  
Kurt Lewandowski (Rate Counsel)

Mike Ambrosio (AEG)  
Joe Gennello (Honeywell)  
Ben Adams (McGrann)  
Gabe Nathanson (NJ HMFA)  
Chris Granda (VEIC)  
Paul Madden (SJ)  
Linda Wetzol (AEG)  
Fred Hauber (Eastern Energy)

Mona Mosser (NJ BPU),  
Julie deSeve (CSG)  
Ann-Marie Peracchio (NJNG)  
Kimberly Hoff (CSG)  
Serpil Guran (DEP)  
Roger Kliemish (TRC)  
Greg Coleman (TRC)

Via Phone:

John Zarycki (BPU)  
Chris Bitters (Energy Solve)  
Cliff Payne (CMC)

Joseph Carpenter (DEP)  
Diane Zukas (TRC)  
Steve Wemple (Con Ed)

Paresh Trivedi (BPU)  
Frank Riley (TRC)

**Introductions**

**Presentation - Intellidyne - Residential/Commercial HVAC controls**

**Presenter: Mike Ruff, CEO, Intellidyne**

PowerPoint Presentation / Handouts:

- 1) Reset Controls / Fuel Economizers and Environmental Impact
- 2) Study prepared for the NY State Energy Research and Development Authority

- Company overview.
- Product explanation of 1) IntelliCon HW<sup>+</sup> - Hot Water Heating Fuel System and 2) FA Forced Air Heating System Fuel System
  - Economizers for hot water or steam heating systems and forced air systems.
  - Units commonly reduce fuel consumption by an average of 10%.
  - Provided explanation of technology and showed savings illustrations as well as a NYSERDA study which largely focused on commercial studies.
- Concerns expressed about incorporation of product into NJCEP with regards to competitive bidding requirements.
- Group asked to send questions via email to Dave Holland and he will assess and prepare communication with Intellidyne.

***Overall budget note for both Honeywell and TRC made by Dave Holland - Straw for 2009 and forward still under review and all the numbers discussed today are subject to change***

**Presentation/Discussion - HW - High Level Program Plans and Budgets**

**(Presenters: Dave Holland and Chris Granda)**

PowerPoint Presentation/Handout: Honeywell 2009 Residential Plan Filing

1. Reviewed main components of filing, key plan considerations, current draft timelines and marketing through community sources such as Community Partners as an alternative to traditional retail avenues.
  - o Community Partners planned expansions based on previous experiences with using them for CleanPower Choice and Change a Light.
  - o Meant to have a distinct channel coordinated across all NJCEP programs by using the community liaison(s). It's an alternative to traditional retail awareness processes.

Note: Final filing is currently drafted for no later than September 12<sup>th</sup> and will be trying for sooner.

2. Energy Star Product Program Changes:

- a. Lighting - Expanding lighting fixtures and bulb promotions year round.
  - o 39 proposals received, program has accepted about 22 and agreements are currently in the process of being signed. Walmart is expected to be stocked by the end of this month.
  - o For customers interested in communicating product failures, Chris Granda of VEIC could be a conduit to the DOE/EPA for comments/listing issues.
  - o Programs should continue to ensure that when communicating with customers, it is communicated that it's the ENERGY STAR labeled brand that delivers quality and longevity.
  - 1) Consider CFL disposal – We have a responsibility to educate customers and ensure proper disposal. According to DEP, there are currently looking at 2 options 1) working with waste management on household hazardous waste separation and 2) TruValue is looking to act as a possible take back collection location.
- b. Appliances - Added dehumidifiers to 2008 programming
- c. Research additional consumer electronics offers such as PC's, TV's. Assessing for energy saving impacts those that have a possible greater impact than what is commonly a small amount for smaller products.
- d. Trying to identify a workable offering such as Top 10 (having a website which indicates Top 10 energy savers instead of having to weed through the ENERGY STAR tables) and Set Top Boxes
  - 1) Look at "Smart Power Strips"
  - 2) Currently not available in US, but getting involved with the heat pump clothes dryer regional research (promise 50% savings).
- e. Refrigerator/Freezer early retirement program - Explore appliance early retirement. Note: This is a large scale project with significant impact on energy savings that is not going to occur in 2008.
  - o Think beyond retail incentives
  - o Focus "creative" activities in CPC communities. Such as "social marketing"
  - o In 6 days, 6 vendors = presenting distribution (e.g., schools, online, employers.....Chris Granda very excited).
  - o Also a way to generate leads to our other programs/services.
- f. HVAC Program Changes:
  - 1) New incentive structures:
    - a) to reflect industry SEER standards
    - b) Reflect proper sizing and install
  - 2) Inclusion of tankless water heaters and ductless minisplits.
  - 3) Market the program to consumers to increase demand and to influence contractors.
  - 4) Actively pursue upstream opportunities with manufacturers and distributors.
  - 5) Research solar hot water incentives for possible implementation in 2009

g. New Constructions Program Changes:

- 1) New Tier levels:
  - a) Tier 1 = ENERGY STAR
  - b) Tier 2 = 20 HERS index points lower than ENERGY STAR
  - c) Tier 3 = Microload home, which is 45 HERS which is 50% better than code.
- 2) New Incentives:
  - a) ~25% reduction for Tier 1
  - b) Limit to homes with <4K square feet
- 3) Increase marketing budget.

h. Home Performance Changes:

- 1) New Tier levels.
- 2) Incentives:
  - a) Restructured contractor incentives
  - b) Small multi-family becomes eligible.

- Group asked to send questions via email to Dave Holland

### **Presentation/Discussion - TRC - High Level Program Plans and Budgets**

**(Presenter: Greg Coleman)**

PowerPoint Presentation / Handout – C&I Market Manager 2009 Program Enhancements

1. Proposed Budget

- o Noted the numbers are currently drafts/preliminary. Ideology is to ensure any changes and final budget are continuously assess for maximum cost benefit.
- o Noted that budget points are a 'starting point' and some items are fixed and some are 'floating'.
- a. Increase budgets for Pay for Performance, CHP, Municipal Audit and Direct Install.
- b. Increase incentive cap to \$500K per customer, per fuel, per calendar year.
  - 1) Need to define "customer"

2. New Technologies:

- a. Additional LED applications (wall packs, street lighting, etc.)
- b. Increase awareness of low ballast factor super T8 systems.
- c. Existing Program Changes:
  - 1) Eliminate Registration Form – All T's and C's will be on applications.  
Note: Mona Mosser noted that this suggestion may not have taken into consideration all the reasons for the form, but is open to discussion on this suggestion
  - 2) Provide customers a specific path to extend project expiration dates. Complex projects may require additional time to complete. TRC to propose language for Program Guide.
  - 3) Propose a SmartStart Motors Programs to be implemented in 2008 (similar to DOE MotorUp)
  - 4) Modify pre-approval process, such as accept equipment purchases up to 12 mo. prior to application approval and continue pre-inspection requirement, where applicable.
  - 5) New Construction Performance Lighting – change threshold to beat ASHRAE 2004 from 20% to 5%

6) Prescriptive Lighting – change guideline to all (2) 4'T-8's to replace (1) 8'T-12. Make clear the responsibilities of the customer to ensure proper levels are met and maintained.

7) Retrofit from T-12 to T-8 – offer \$30 incentive if delamped and reflector added and reinsertion occurs.

2. New Programs:

- a. C&I construction industry infrastructure needs to change.
- b. Trades need to understand advanced energy building code and how to meet.
- c. Workforce development focus.
- d. New Construction Pay for Performance Program (similar in concept to PFP. Gets partners trained and involved)
- e. Sector Specific Programs (e.g., institutional, large industrial, higher education)

➤ **Noted that there needs to be conversations and communications on the Utilities roles.**

➤ **Next meeting July 8<sup>th</sup> at 9am**

- Mike Ambrosio requested that next month's meeting contain program updates and budget talks.
- Mike Ambrosio requested that agendas and materials are distributed earlier and that the next meeting begin earlier.