

***New Jersey's Clean Energy Program  
Energy Efficiency Committee Meeting  
New Jersey Board of Public Utilities, Trenton  
July 9, 2013***

***Program Coordinator and Regulatory Updates***

**Betsy Ackerman, Mona Mosser, Mike Ambrosio**

- Updates on Filings, Board Orders and Regulatory Items
  - 6/21 – The Board approved funding level FY14
  - CRA Board Order – 2 work groups to be formed, with hopes for first meetings in August
    - 1. Utility work group – Intent is to provide better coordination between NJCEP/utility programs
    - 2. Evaluation work group – Intent is to identify types of evaluation for end of process activities
  - Contracts extended for 4 months with a commitment that the protest should be resolved within that time period. If it is resolved, a 90 day transition period would start (does not include the 4 month extension period)
  - Only a 1 year funding level was approved, but still need to set funding levels for FY15-17. Intention is to have work groups' strategic plan feed into the CRA preceding for next 3 years with goal of a straw proposal out early next year, having a 3 year plan and funding level
  - Smart growth requirements have been removed
- Comments/Questions
  - Anne Marie Peracchio (NJNG) – question on issues raised on eligibility requirement for CHP or Fuel Cell facilities to qualify for incentive. Comments referred to an islanding requirement and blackstart capability.
    - Mike Ambrosio (AEG) – Discussion on whether there should be enhanced incentives for those operating during outages. TRC will coordinate with Mike to further explore if it should be required for critical facilities. No more conclusions made at this point. Islanding was a requirement in a previous version of the filing which was subsequently removed prior to the Board's approval. Also, additional discussions needed to respond to requests for fuel cell minimum efficiency levels to be lowered.

***EnernNOC – Phase 3 Evaluation Results***

**David Costenaro**

- Final results from last year to look at all the NJCEP programs
- Achievable low and high portfolios and budgets
- Comments/Questions
  - Anne Marie Peracchio (NJNG) – Comments on Direct Install assumption is for a customer at 150kW or less, but currently it is at 200kW - concerns that influences findings. Also, HVAC (specifically with furnaces) and code and standard changes and assumptions
    - David Costenaro (EnernNOC) – The study was done in 2012 when code changes were in motion so modeling performed had base line changing to 90 percent efficient furnace for residential. Found that the cost effectiveness would change if left at that level and it would reduce the potential only marginally.
    - Other code changes – All deficiency standards for appliances from DOE list of technologies are added
    - Bruce Grossman (SJG)– Concern of estimated dTh usage per home is lower than what everyone else has filed in state
  - Anne Marie Perracchio (NJNG) – Where do the net to gross ratio assumptions come from on slide 5?
    - David Costenaro (EnernNOC) – Determined values came from program evaluations and reports along with best practice numbers based on program types

- Carl Teter (TRC) – The older evaluations may not take into consideration the requirement for the use of prevailing wage in the commercial program project implementation and therefore commercial entities are dissuaded to participate due to cost impact on projects
  - David Costenaro (EnernNOC) – Clarification on slide 7 - Dollar amounts are expenses that are incurred at the time of a the measure being installed
  - Bruce Grossman (SJG) – Concern from slide 10 - thinks a financing component would complicate administrative cost and create debt
    - David Costenaro (EnernNOC) – Best way is for RFP to get new progressive strategies from financing companies in other states
  - Mona Mosser (BPU) – LGEA and LEUP programs are missing from slides completely
    - David Costenaro (EnernNOC) – For simplicity, due to likeness it was lumped into one of the programs - will confirm
    - Anne Marie Perracchio (NJNG) – CHP was never part of EnerNOC study, but is part of the 2013 budget
- Mike Ambrosio (AEG) – Request to explain on slide 12 how savings would potentially double while the spending remains flat
  - David Costenaro (EnernNOC) – The budgets are growing so that’s why the spending appears flat. Also an assumption within model is that there is more customer participation – Spending does not remain flat, budgets are growing at considerable rate, not growing as high in terms of revenues. Dollar amounts are increasingly robust, savings are also moving considerably, more people are getting involved, and more awareness. These are one of the things that are modeled in the analysis. What technologies are available, price changes in technology...ect. There is not any one reason to say why?
- Carl Teter (TRC) – There is a significant drop in the dollar per first year kWh electric portfolio benchmark – is that a basis of assumptions?
  - David Costenaro (EnernNOC) – Did not have access to measure assumptions data reports, so could only look at total spending and saving per program

## ***Residential Program***

### **Honeywell Team**

- Fiscal Year 2014 Program Changes
  - 7/1/13 Effective date for FY14 Plan and Budget
  - Sandy Storm Response incentives approved through FY14
  - Energy Efficient Products Program – direct to Consumer with continue
  - CFL and SSL Upstream RFPs have been received for evaluation – need to be reviewed and approved before continued
  - New CAC 17 SEER and Boiler-Water and Heater combination –begin 7.1.13
  - Heat Pump/Mini Split to 17 SEER and HP Water Heater effective 8.1.13
  - Sandy Storm Response continues
  - Home Performance Program – Tier 2 & 3 Continues
  - Smart Growth Requirement change (6.7.13) removed
  - Higher participation anticipated with higher budget/better marketing
- 2013 Statewide Program Results
  - HVAC COOLAdvantage – 119% of goal
  - HVAC WARMAdvantage – 90% of goal
  - Energy Efficient Products Washer – 89% of goal
  - Energy Efficient Products CFL – 118% of goal
  - Large Appliance Recycling – 88% of goal
  - Energy Efficient Products Consumer Electronics – 132% of goal
  - Residential New Construction (Enrollments)– 123% of goal
  - Residential New Construction (Completions) – 92% of goal

## ***Commercial & Industrial Program***

### **TRC Team**

- Fiscal Year 2014 Program Changes – approved by board
  - Hurricane Sandy relief extended June 30, 2014
  - current fy applications on website except for CHP and Fuel cell application (will be live soon)
  - all FY applications have been coded with a date
  - Smart Start Building program 30 day grace period to send in 2013 applications, new forms required effective August 1st
  - Many changes were seen in last month’s presentation
  - LEUP is a program now, no longer a pilot
  - Co-op marketing will be made available for DI and Pay for Performance partners
  - Direct Install –171 in June: new apps, 167 approvals, 93 approved for payment
  - LGEA – 12 new apps (2 new projects), 39 approvals, 47 approved for payment
  - Pay for Performance (EB) – 13 new apps (1 new ERPS), 5 ERPs approved, 8 installations approved, 1 post-retrofit savings report approved.
  - Pay for Performance (NC) – 1 new app, 5 As-Built ERPS under review/post inspection
  - Combined Heat & Power Fuel Cells – 7 new apps, 1 installation approved, 1 in que, 12 under review
- 2013 Program Results
  - New Construction (Approved Applications) – 116 completions, goal of 150
  - New Constriction (Completed Projects) – 108 completions, goal of 125
  - Retrofit – 3,342 completions, goal of 3,000
  - Direct Install – 1,991 completions, goal of 2,100
  - LGEAP – 447 completions, goal of 450
  - P4P(EB) – 63 completions, goal of 70
  - P4P (EC) – 10 completions, goal of 9
  - CHP & Fuels – 13 completions, goal of 30
- Comments
  - Mike Ambrosio (AEG) – requesting a follow-up meeting to discuss progress of LEUP participants

**Utility Updates**

- NJNG
  - 6/21/13 approved extension of Save Green programs, posted on NJ BPU website. Programs extended through 6/30/15 – focus on what role utilities should play and new software products to better streamline process
  - Continue to support Home Performance with Energy Star
  - Rebates– effective July 1<sup>st</sup> - \$900 rebate drops to \$500
  - New option – Instead of \$500 rebate, customer can apply for \$6,500 on-bill repayment program at 0% interest for 5 years only if it is a combination installation
  - On-bill repayment program for Direct Install being developed
  - Energy Savvy – working with development team in phases to start web-based online system allowing customers to track from beginning to end energy savings. Better streamlines process and cuts down on administrate functions.
- Elizabethtown Gas
  - Still waiting for rate counsel to approve the board order – no updates
- South Jersey Gas
  - 6/21 – Approved for repayment product for home performance

**Attendance**

Name	Company	In Person	By Phone
Adams, Ben	MaCiram Association	X	

Bachmann, Joanann	VEIC	X	
Bowen, Mark	Franklin Synergy		X
Bryant, Elaine	PSE&G		X
Carpenter, Joseph	NJ DEP	X	
Chaplin, Dawn	Honeywell		X
Costenaro, Dave	Utility Solutions		X
DeLuca, Brian	TRC	X	
Dubos, Tom	Strategic Energy Group		X
Dugan, Matt	ICF International		X
Ellman, Susan	NJNG	X	
England, Cheryl	Elizabethtown	X	
Foster, Rebecca	VEIC		X
Goss, Matthew	CDM Smith		X
Graham, Mary Ann	ICS working in support of EPA ENERGY STAR		X
Grossman, Bruce	SJG	X	
Haddock, Kyle	EIC, Comfort Home		X
Hoff, Kim	CSG		X
Holmes, Bill	SJG	X	
Ingelido, Rich	ConEdison Solutions		X
Jones, Sherri	BPU	X	
Kudrick, Bob	NJR Clean Energy Ventures		X
Manley, Mare	PSE&G	X	
Marx, Rick	EAM Assoc.		X
Mosser, Mona	BPU	X	
Napoleon, Alice	Synapse Energy Economics Representing Rate Counsel		X
O'Brien, Nancy	EFS		X
O'Donnell, Tony	Sustainable New Jersey	X	
Olson, Art	SmartWatt Energy, Inc.		X
Perracchio, Ann-Marie	NJNG	X	
Ryan, Jerry	NJNG	X	
Smith, Pete	Renewable Power Inc.		X
Tarahashi, Kenji	Synapse Energy Economics Representing Rate Counsel		X
Teng, Elizabeth	BPU	X	
Tharp, Rusty	Goodman Manufacturing Company, LP		X
Tobian, Carol	National Resource Management, Inc.		X
Ward, Lisa	Clear Edge Power	X	
Wolk, Dave	Honeywell	X	
Wong, Doug	BC Express Inc		X
Vieira, Mario	New Millennium Lighting Inc	X	