

**New Jersey's Clean Energy Program
Energy Efficiency Committee Meeting
March 10th, 2015
9:30 to 12:00**

Presentations

9:35 – 10:20

Peter Banwell, of the US EPA gave a presentation titled "Creating a More Energy Efficient Future for Residential Customers" – The ENERGY STAR Retail Products Platform. Peter can be reached at banwell.peter@epa.gov.

- Brief Background:

EPA ENERGY STAR program has been around for more than 20 years and has identified the most energy efficient products, buildings, plants, and new homes.

Credibility of EPA and DOE; enhanced testing and verification through 3rd party certification

ENERGY STAR Program Goals:

- Reduce energy use; Reduce greenhouse gas emissions and other air pollutants

Products:

- More than 70 types of products; More than 45,000 certified product models

Savings:

- Americans saved \$30B on utility bills; Avoided 277 metric tons of greenhouse gas emissions

The Need for Change:

- US retailers sell more than 2B products that use >80K GWh/year
- EE programs can leverage this channel to cost effectively meet program goals with a shift in tactics.
- EE programs increased market share and performance is driving down per-unit energy savings and reducing per unit incentive offerings
- High breakage rates
- Low retailer interest in traditional EE programs as it is not core to their business, introduce cost & complexity, and smaller incentives do not influence customer purchasing
- Data for savings and program attribution are hard to secure

Therefore, the need for change is to bring about some infrastructure to support and coordinate program implementation.

- What is the ENERGY STAR Retail Products Platform?

- Collaborative, nat'l effort to achieve scale through consistent program design including product categories, specs, data requirements, and midstream delivery.
- Grassroots, coordinated approach to align EE programs with retailers' business models.
- Lower admin costs to increase value proposition for retailers.

- Process:

- Put together task groups; Stakeholders are Manufacturers, Consumers, Retailers, Program Sponsors

- Data:

- Develop a consistent category sales data feed from a retailer approved data services firm
- EE program sponsors will be able to capture full program impact.
- Data categories include: Model #, Date, Transaction identifier, zip code/Store ID
- RFP for national data solutions company

- Evaluation:

- Currently under development among stakeholders/evaluation experts from CA, NW and NE regions
- On going communication with state regulators (NARUC)
- General agreement that evaluation methods need to have the following characteristics:
 - Be considerably faster and less costly than current methods.

- Be based on indicators of shifts in marketplace, using several data sources.
 - Be sufficiently precise, but not as precise as traditional programs
 - Be based on a nat'l data template provided by retailers
 - Be a continuous ongoing & fluid process
- 2015 Products:
 - Test a mix of different products
 - Streamline implementation
 Pilot is limited to the following categories:
 - ENERGY STAR certified Dryers, Air Cleaners, Freezers, Sound Bars, Home Theater Systems and Room A/Cs
 - 2015 Pilot Sponsors:
 - BDE – MD; DC SEU – DC; Efficiency Vermont – VT; PEPSCO – MD; PG&E – CA and SMUD – CA
 - 2015 Participating Retailers:
 - Best Buy, Sears, Home Depot
 - 2015 Other Key Stakeholders:
 - NRDC, NEEP, NEEA
 - Interested for 2015/2016:
 - NJCEP – NJ
 - Project Update:
 Whats Being Worked On?
 - EM&V – Development of guidelines and resource for 2015 pilot sponsors.
 - Data – Short term data collection solution for 2015 Pilot Programs; RFP for 2016 nat'l programs.
 - Products – Products for pilot programs confirmed; begin development of framework for product spec transitions.
 - Legal: Draft agreement between utilities and retailers for nat'l program.
 - Marketing: Developing strategy, look, and feel based on current retailer guidelines.
 - Outreach: Discussions at industry events
 - Field Services: Drafting overview document & creating tool kit for sponsors.
 - Pilot Programs: Mid to late 2015 launch
 - Q & A:

Anne-Marie Peracchio (AMP; NJNG): Can you address the core of the legal? NJ is more complicated.

Peter Banwell (PB; EPA) Answer: Its regarding the data processing i.e. retailer says yes we'll give you data, the EE program says yes we'll give you money. How the EE program/retailer will work together.

AMP followup: Assume there are layers of indemnification?

Chris Badger (CB; VEIC) Answer: Honeywell has an MOU already in place with participating retailers, so we have some of those contractual relationships, this would be a different approach.

Mike Ambrosio (MA; AEG): Are the incentives set by the program? We can pick and choose which products?

PB Reply: We want all or nothing for the products. We want to fix the products but incentive levels can vary by region.

AMP: Are those cost effective purchases for consumers who buy the ESTAR labeled products?

BW Reply: Usually are the same price.

Betsy Ackerman (BA; NJ BPU): Most of the products on that list have already achieved the incremental cost?

PB Answer: Just soundbars haven't. They are cost effective because the incentive can be very low, we can get big #s.

Dave Holland (DH; Honeywell) from phone: Whats the messaging that would be conveyed to other retailers that aren't participating in the program now?

PB Reply: We are working with Nationwide, the other retailers are welcome to join in. Starting out with the leaders.

Program Coordinator and Regulatory Updates

Betsy Ackerman, Sherri Jones, Mike Ambrosio

- Updates on Filings, Board Orders and Regulatory Items
None.
- Discussion of NJCEP Program Administrator RFP

BA (NJ BPU): The RFP for program administrator continues to be at Treasury. Treasury has had a whole series of retirements, there is definitely a backlog over @ Treasury. That is where the RFP remains. Anticipates that this will require contract extensions as we will have to take it beyond 6/30th.

- FY15 True-Up Budget

BA: Re: the FY 2015 budget – starting that process to reallocate funds from under performing programs to programs that are overdriving. Two processes to do this: 1. Staff has delegated authority to move funds up to 10% or 2. If it is over 10% has to get Board approval.

MA – two reallocations are pending. Under the process where Staff has authority, HON is proposing moving \$1.9M from RNC to HPwES. HP apps are coming in faster than anticipated and RNC has more than enough money to remain open. REIP program received more SREC registrations, looking to shift funds from rebate category.

Other budget changes require Board approval, in TRC's case, they anticipate exceeding their overall budget. Can't keep all programs open, so TRC is proposing to shift \$5M from CHP to C&I budget and \$2M from Large Energy Users. Out for comment any day now. On the CHP budget, about \$24M remaining, there is more than enough money to continue accepting apps until the end of the year. Only received \$2 to 3M in commitments so far this year.

Keep shifting \$ between programs to keep everything open. Also, in Governor's Budget address last week, supplemental appropriation \$39M from NJCEP budget to the General Fund in 2015. Staff is not going to Board right now, but needs to manage the budget so that there is \$39M remaining in fiscal year. Right now, there are no plans to make changes to any of the programs.

Lastly, the utilities are not propping any changes to the Comfort Partners program but proposing some shifts within the budget. Still waiting for feedback if that can be done administratively or if it needs to go out to public comment.

- FY16 CRA, program budget, planning process

BA: The CRA is currently being drafted and should be out in April for public comment. End of April collect all written comments and have a hearing. May to get stakeholder comments and to Board in June.

First we get the funding levels and planning goals established and quickly followed by individual program year budgets.

Proposal is for a 3 year CRA covering 2016 to 2018. Over the last several months, the Market Managers have done an outstanding job of doing a review of programs. Today, HON/TRC will be presenting changes to programs that can be handled via compliance filings. Next month's EE Committee meeting, we will hear longer term recommended changes to programs and propose new programs as part of CRA discussions.

A leadership team comprised of OCE staff, Market Managers, and the Program Coordinator to undertake a planning exercise. Better coordinate evaluations with setting program goals. Proposed an update to the 2010 program evaluations. This year's CRA will be three years and will capture the 2014 workgroup recommendations along with 2015 workgroup recommendations. Those recommendations will begin to be presented today and again in April.

ERB Update

None.

Overview of Proposed FY 16 Program Changes

TRC Team - Commercial & Industrial - Carl Teter (CT) presented.

- FY 2016 proposed Smart Start program changes:
 - Remove pre-approval requirement for specific prescriptive measures (excluding lighting and lighting controls).
 - Revise boiler and chiller incentive structure, add boiler categories, align with ASHRAE 90.1 – 2013 efficiencies.

Comment from BA: The DCA public comment just closed, adoption of International code standards currently operate based on 2009 standards, skip 2012 upgrades, and as of 7/1 adopt 2015 IECC code standards and along with that upgrade ASHRAE standards from 2007 to 2013.

- Establish process for evaluating current and new LED measures and moving them from custom to prescriptive.
- Revise performance lighting program requirements to allow gut rehabs
- Include building shell measures through custom measures program
- Eliminate IRR requirement for custom program.
- Eliminate Sandy enhancements for C&I customers.

Comment from BA: The intent is to leave Sandy enhancements in place on the Residential side. 3 years after the storm, businesses by now should have rebuilt and reopened.

- FY 2016 DI Recommendations
 - Add series boilers to eligible equipment list (K-12 Schools Only)
 - Exploring enhanced incentives for projects in distressed communities.
- FY 2016 – P4P EB Recommendations
 - Eliminate IRR requirement
 - Increase size for participation to 200 kW to eliminate overlap with DI
 - Eliminate kW peak demand waiver currently in place for certain facilities
 - Expand high energy intensity reduced savings (4%) to hospitals, create tiered incentive for savings above 4%.
 - Evaluate 50% cap on lighting savings, consider alternative solution (in progress)
 - Add rule prohibiting participation in other programs while doing P4P. Encourages whole building approach and improved baseline data collection.
 - Develop alternative path that includes Environmental Defense Fund's Investor Confidence Project (ICP) integration.
 - Allow TRC autonomy to conduct expedited pre-inspections without appeal/exemption process (rules apply)
 - Revise parter turn around time for revisions from 90 to 30 days.
- FY 2016 P4P NC Recommendations
 - Eliminate Square Feet waiver currently in place for certain facilities.
 - Eliminate IRR equipment.
 - Evaluate 50% cap on lighting savings & consider an alternative solution (in progress).
 - Expand high energy intensity reduced 4% savings threshold to NC.
 - Add rule prohibiting participation in other programs while doing P4P.
- FY 2016 LGEA Recommendations
 - Establish discretionary process to evaluate higher entity caps, up to \$300K, for certain larger/high density entities
 - Raise minimum kW from 150 kW to 200 kW to align with P4P and Direct Install.
 - Continue kW waivers for entities (1) doing ESIP, (2) investigating building shell, (3) have campus metering, and (4) doing ERB.
 - Enhance outreach and marketing.
- FY 2016 LEUP Recommendations
 - Eliminate IRR and payback requirement.
 - Coordinate with utilities to assist in defining LEUP eligible customers.
 - Targeted outreach and marketing to past LEUP companies and LEUP eligible companies.
- CHP – FC
 - Restructure incentives to better address >1MW CHP (in progress)
 - Add clarification that incentives are paid per project, per site. E.g. modular installations.

- Revise filing entity cap language. \$4 Million entity cap will apply, \$5M for facilities doing both comprehensive EE work through other programs and CHP.

Question from audience: Looking to enhance incentives on smaller projects as they have higher fixed costs. Consider increasing the cap from 30%. Projects less than 1 MW maybe 40%. Perhaps you may consider the high end of 30-40 range. Intent of that change will be diluted if cap is not addressed.

CT Reply: Under one megawatt.

MA Followup: On the CHP it is worth noting, that there are many moving parts on a CHP project. General sense rather than just looking at Clean Energy incentives, take a more holistic look at other BPU issues. AEG has drafted a scope of work and working with CEEP and putting together a recommendation to propose a study to look at this.

BA Comment: The CHP program has always struggled. What Mike is describing is taking a look at the CHP program, address NJ specific requirements into account, taking into account ERB projects, and financing a non-rebated part of the project to overcome barriers. AEG has money in the annual budget to do small studies for us. Thought it was worth the effort to do a wholesale reassessment of the CHP program.

MA – Help in getting the contacts at the hospitals, etc. to interview stakeholders. How can we help stimulate demand in the program.

Bob Kudrick (BK; PSE&G): I'd like to look at the three issues together, that is what makes these projects happen. Net metering with CHP colocated at one facility.

MA – issue is to isolate the generation from the CHP so its not net metered.

Bill Palmer (BP; Kamson) question: Re: P4P. Thank you for eliminating the IRR requirement, we weren't doing some major renovations because of it. About the increased size to 200 kW and how it would impact us. In 2014, there was a benchmark that you could allocate 1kW per unit. Allowing our smaller properties to participate. Will the new requirement exclude some properties?

CT – There could be an impact. That would be something for the comment period.

Honeywell Team – Residential - Maurice Kaiser (MK) presented.

- Goals:
 - Increase overall focus on whole house savings and deeper savings per project.
 - Reward higher efficiency purchases, upgrades, and building construction.
 - Increased participants, products & measures in the program.
- HPwES:
 - Focus on deepening energy savings driving more savings per project
 - Expand Insulation and Duct Sealing to increase per project savings
 - Increase the amounts and number of financing options available to homeowners
 - Restructure customer and contractor incentives

Will be scheduling meetings with utilities and contractors to review the proposed changes.

- Enhance training and outreach to contractors
- Encourage and create synergies between contractors
- Opportunities during remodeling
- Potentially lowering entry level thresholds
- RNC
 - Increase savings performance of all tiers
 - Begin to align with IECC 2015 energy efficiency requirements
 - Restructure rebates and the associated tier requirements
 - Increase flexibility in the Tier 3 ZERH requirements

Question from Magrann: Is the idea to align with the HERS path in the 2015 code?

MK Answer: Proposed to align with the IECC code and start at 55 HERS. As HERS score goes down, incentive will be increased.

- Multifamily High Rise
- Move from a flat incentive of \$1,000/unit to a performance based structure
- Increase technical support and communication from the program
- Increase in Marketing and Outreach

Question: Will the performance based incentive only apply to the High Rise MF? Otherwise we may lose substantial participation in the low-rise portion of the program.

MK: We will have to examine this.

- EE Products
 - Increase the shift to products with higher energy efficiency
 - Increase products included in the program
 - Continued shift from CFL to LED lighting
 - Increase the number of retailers offering the point of sale (instant) rebates
 - Develop 2 tier structure for dryers, washers, and fridges

Question: On the LEDs, at what point do you plan on sun-setting the CFL incentives?

MK Answer: No plan to eliminate the CFLs from the program, but the incentives will continue to be reduced.

CB (VEIC): With the reduction of incentive levels, the program has been moving naturally to multi-pack CFLs or LEDs.

Comment: May want to consider retiring CFL incentives and put all dollars into the LEDs.

- Add Tier 2 structure for advanced power strips
- Establish specific efficiency standards for the program that are in line or better than ESTAR requirements.

MA: After Peter's presentation this AM, does the FY 2016 program take into account.

BA: Trying to focus on changes that can be implemented via compliance filing and not contract mods.

- Lighting
 - Continue increasing emphasis on LEDs and multi package units
 - Continue to increase emphasis and participation on advanced power strips
- HVAC
 - Include more equipment options in the program
 - Establish efficiency rating criteria as high or better than ESTAR requirements and allow inclusion of equipment ratings from other sources.
- Heating Equipment (Space)
 - Re-align equipment categories with revised standards & specs.
- Cooling Equipment
 - Re-Align requirements to allow for two tiers
- Ductless Mini Splits
 - Revise program requirements and incentive structure to better align with product category and savings opportunity
- After market Boiler Reset Controls
 - Eliminate it.
- Boiler Circulator Pumps
 - Explore possibility of upstream pilot program
- Water Heaters
 - Explore transitioning to an upstream approach

BA – We have been making progress in integrating ICF protocols into C& I programs.

AMP on behalf of NJNG: Didn't propose anything too drastic, continue to support HPwES, encourage more participation in Warm Adv via home energy audit. Still continue to support Direct Install with a minor change to OBRP from a 2 year term to 3 years and certain projects with boilers to offer financing. Continue Opower and introduce low-income element.

BA to AMP: What you are proposing in your filing is a 3 year OBRP?

AMP reply: 3 year as we thought by now that the NJCEP filing would have been out.

BA: Total value of your filing? AMP – about \$42M per year.

Walt Sparrow-Hood on behalf of PSE&G : They are proposing to extend their existing programs Total budget is \$170M. Hospital budget includes some funding for CHP.

Bruce Grossman on behalf of South Jersey Gas: Our offering is very similar to NJNG and PSE&G, extending what we are currently doing. Petitioned to include Opower into our filing. Like NJNG requested a three year OBRP for Direct Install. Total value is \$56M over 3 years. Motivate as many people as we can into HPwES. Finance DI, Smart Start Programs, don't finance New Construction. Continue to finance HPwES, HVAC rebates.

Cheryl England on behalf of Elizabethtown Gas: Budget is \$1.8M per year for 3 years. Up from \$1.3M. Programs remain the same, enhance P4P, Warm Adv, C&I. Proposed a programmable T-stat rebate as well.

BA – In summary, there is a method to the madness, everything will be on a three year term to create some standardization among data, terms of contracts, and realize the CE effort across the state. Taking advantage of utility strengths, doing more thorough and consistent evaluation, collecting uniform data.

FY 2015 Program to Date Updates

TRC Team - Commercial & Industrial

- C&I Retrofit FY15 through February
 - 3,465 apps received and 2,144 apps paid (67% of goal)
 - 95% of incentive budget committed/paid with \$2.9M remaining budget
 - Lifetime MWh Savings - 76% of Goal/Committed 117%
 - DTh Savings - 106% of Goal/Committed 154%
- C&I New Construction FY15 through February
 - 105 apps received, 28 apps paid and 82 apps approved (68% of goal)
 - 66% of incentive budget committed/paid with \$909K remaining budget
 - Lifetime MWh Savings - 98% of Goal/Committed 37%
 - DTh Savings - 68% of Goal/Committed 57%
- C&I Direct Install FY15 through February
 - 869 apps received and 913 apps paid
 - 88% of incentive budget committed/paid with \$4.8M remaining budget
 - Lifetime MWh Savings - 103% of Goal/Committed 80%
 - DTh Savings - 118% of Goal/Committed 134%
- C&I CHP/FC FY15 through February
 - 17 apps received and 6 apps approved (67% of goal)
 - 37% of incentive budget committed/paid with \$15.3M remaining budget
 - Lifetime MWh Savings - 129% of Goal/Committed 144%
 - DTh Savings - 173% of Goal/Committed 52%
- C&I P4P Existing Buildings FY15 through February
 - 76 apps received, 27 ERPs approved (63% of goal) and 30 installations approved

- 95% of incentive budget committed/paid with \$1.4M remaining budget
 - Lifetime MWh Savings - 82% of Goal/Committed 145%
 - DTh Savings - 95% of Goal/Committed 40%
- C&I P4P New Construction FY15 through February
 - 16 apps received, 9 ERPs approved (28% of goal) and 8 installations approved
 - 80% of incentive budget committed/paid with \$2.5M remaining budget
 - Lifetime MWh Savings - 908% of Goal/Committed 41%
 - DTh Savings - 1086% of Goal/Committed 221%
- C&I LGEA Audit Reports FY15 through February
 - 50 apps received and 12 Audit Reports approved
 - 80% of incentive budget committed/paid with \$276K remaining budget
 - Lifetime MWh Savings - 117% of Goal
- C&I LGEA FY15 through February
 - 1 new enrollment, 1 DEEP under review, 3 FEEPs under review, 6 FEEPs approved (33% of goal)
 - 3 Installations approved
 - 83% of incentive budget committed/paid with \$2.5 M remaining budget
 - Lifetime MWh Savings - 138% of Goal/54% Committed
 - DTh Savings - Committed 6%
- C&I SEP Non-IOU FY15 through February
 - Available Funds (Direct Install only): \$475,150.40 and remaining funds: \$4,926.09

Comment from BA – NJ has received \$1M of SEP funds. The Commissioners have asked us for how we can allocate and spend this money. To be discussed at the next PC Meeting.

- FY15 Lifetime C&I Benefits
 - NJCEP has helped save 2.4M metric tons of CO₂
- C&I Sandy Relief FY15 through February
 - 2,989 apps received; 1,508 apps committed for a total value of \$17.7M
 - \$32M estimated total incentive value for all received apps

Honeywell Team – Residential

EE Products Preliminary Statewide Results

Question from BA: These programs may benefit from the EPA Pilot. Are these programs Midstream now?

KB Reply: There is a component that is midstream but mostly mail-in. Fridge/Washers/Consumer Electronics would.

- EE Products FY15 through February
 - 14,332 Washer completions (Goal is 24,000)
 - 2,761 Refrigerator completions (Goal is 14,000)
 - 3,172,414 Lighting completions (Goal is 3,670,000)
 - 6,772 Fridge Recycling (Goal is 16,500)
 - 0 Consumer Electronics (Goal is 35,000)
 - \$9.4M Remaining Budget
 - Lifetime MWh Savings - 97% of Plan
 - Lifetime DTh Savings - 58% of Plan

Question from BA: Why do you think our recycling #s are so low?

Reply from KB: Low hanging fruit is gone.

CB Added: Some new initiatives are really trying to focus on this; retiring an old fridge when purchasing a new one.

Sherri Jones (BPU) asked: We weren't doing a lot of marketing in first half of this year. Do we see this pattern in other states that it drops off after a few years?

CB replied: Yes, other programs approach this in different ways.

KB Comment: One item not on here yet but we will start to see them is the Dryers.

MA Asked: Doesn't spending normally uptick so we would expect to see them in May/June?
KB Replied: Yes, invoices will accelerate.

- HVAC Warm & Cool FY15 through February
 - 1,726 Cool Completions (Goal is 3,178)
 - 7,844 Warm Completions (Goal is 22,320)
 - 9,570 HVAC Completions (Goal is 25,498)
 - \$7.2M budget remaining
 - Lifetime MWh Savings - 30% of Plan
 - Lifetime DTh Savings - 45% of Plan
- RNC FY15 through February
 - 2,684 Enrollments (Goal is 4,503); 1,628 Completions (Goal is 4,503)
 - \$6.4M budget remaining
 - Lifetime MWh Savings - 30% of Plan
 - Lifetime DTh Savings - 26% of Plan
 - Hurricane Sandy Incentives FY15 through February: \$3.5M Paid
- HPwES – update for February
 - Enrollments – 872 enrollments in February, several Multi-family projects, close to 400 units
 - Completions – we will achieve the 5,500 completion goal

Results To date:

- 3,766 Completions, including 45 MF units, forecasting over 5,500 completions for the year
- 4,925 Enrollments, including 460 MF units
- 86% of all enrollments eligible for 0% HPwES financing (MF units are not eligible) took advantage of it:
 - 26% EFS, 19% SJG, 29% NJNG OBRP
 - 12% cU Green Loan

BA Question: How many Credit Unions do we have enrolled?
Janja Lupse (CSG) replied: 2 to 3, cautious to enter the market.

JL said that SEP Funding has been exhausted:
MA: C&I has some funds, ask TRC if they can give it to you.
JL: We can use it.

KB: Warms will be expended in next month or so. We will have some projects that can use it.
JL: We are putting them aside now knowing that come July new SEP funds are on the way.

Other Business, Next Meeting

- April Meeting – Thursday April 16th.

Q&A: Whats the process for all the proposed changes?

BA: They will be in the CRA and out for public comment in April. Would be for approval for June Board meeting.

Joe Hernandez (JH) from Latino Chamber of Commerce spoke re: two concerns:

1. 99% of monthly utility bills are not very clear for the public. Here to address that issue.
2. Reference to Geothermal – why are there not incentives or pushing that technology? Increase the incentives to attract more adoption?

BA Response – Please review the C&I and Residential side of geothermal. What has the participation been? How is the incentive structured?

CT – There is an application on the C&I side.

As far as bill design for utilities, it's a multi-year process. Eric Hartsfield is head of BPU's division of Customer Acceptance.

PSE&G said they have not had a full redesign of bill for a couple years now.

BA – he has a constituency that is having a hard time understanding their bills.

JH – More difficult today than 2 years ago. 99% of people can't understand it.

BA – Please put something in writing to me and I will make sure the appropriate person gets it.

What monitoring capability is being done on the utilities?

BA – Smart meters, correct? Utilities, do we have smart meters?

NJ has not really aggressively pursued smart metering given security and data issues.

BA – Please put something in writing to me and I will direct it to the right people.

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Name	Company	Please check off	
		In Person	By Phone
Ackerman, Elizabeth	BPU	x	
Adams, Ben	MaGrann Assoc.	x	
Ambrosio, Mike	AEG	x	
Bovio, Brian	Bovio Heating		x
Burke, Kevin	Honeywell	x	
Carpenter, Joseph	NJ DEP	x	
De Seve, Julie	CSG	x	
Donohue, John	On behalf of Fuel Merchants Assoc		x
Dube, Nicole	BPU	x	
Flynn, Don	Energy Program Advisory Services, LLC		x
Georgi, Anthony	Honeywell	x	
Grossman, Bruce	SJG	x	
Haddock, Kyle	EIC, Comfort Home	x	
Holland, Dave	Honeywell		x
Holmes, Bill	SJG	x	
Hutchinson, Ed	Hutchinson Mech. Services		x
Ingelido, Richard	ConEdison		x
Jones, Sherri	BPU	x	
Kaiser, Maurice	Honeywell	x	
Kudrick, Bob	NJNG	x	
Lupse, Janja	CSG	x	
Marx, Rick	EAM Assoc.		x
Palmer, Bill	Kamson Corp	x	
Perracchio, Anne-Marie	NJNG	x	
Rogers, Dan	ICF International	x	
Rozanova, Valentina	TRC	x	
Ryan, Jerry	NJNG	x	
Sherwood, Robin	EFS		x
Sparrow-Hood, Walt	PSE&G	x	
Stone, Gordon	BPCA - NJ / Home Energy Matters		x
Swift, Don	Veristar Energy Systems Corp.		x
Tantillo, Cheryl	Elizabethtown Gas	x	
Teng, Elizabeth	BPU	x	
Teter, Carl	TRC	x	
Wetzel, Linda	AEG	x	
Wong, Douglas	BC Express Inc		x
Zukas, Diane	TRC		x
Banwell, Peter	EPA	x	
Badger, Chris	VEIC	x	
Moore, Brad	Cree		x
Sadovy, Christine	NJ Sierra Club		x

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Name	Company	Please check off	
		In Person	By Phone
Schmidt, Edward	Performance Solutions, LLC		x
Fekete, Victoria	US Dept. of Agriculture - NJ Branch		x
Herbst, Christopher	Solix		x
Hutchinson, Fred	Hutchinson Heating		x
Hutchinson, Paul	Hutchinson Heating		x
Yuhaze, Justin	Sterling Heating		x
Komornik, Susan	Lockheed Martin		x
Psihoules, Michael	Fujitsu		x
Badtke Berkow, Mina	Environmental Defense Fund		x
Pagano, Denise	Orange & Rockland		x
Pasco, Patrick	Ingersoll-Rand		x
Reisman, Ronald	CSG		x
Gordon, Rebecca	Pepco		x
Zeglarski, Sandy	NJ EDA		x
Gibson, Sarah	Brand Cool		x
Bowen, Mark	Franklin Energy	x	
McGinnis, Eileen	EMC	x	
Odarchenko, Vladimir	Tetra Tech, Inc.	x	
Stern, Alex	PSE&G	x	
Haithwaite, George	Atlantic Health Systems	x	