

Linda Wetzel

From: ee-bounces@njcleanenergy.com on behalf of Winka, M <M.Winka@bpu.state.nj.us>
Sent: Friday, August 31, 2012 11:44 AM
To: ee@njcleanenergy.com; renewables@njcleanenergy.com; renewables@njcep.com
Cc: Boylan, Rachel; Marisa Slaten
Subject: Draft straw proposal for the 2014 through 2017 CRA for EE and RE-funding levels
Attachments: 2013 - 2016 proposed funding for NJCEP PA RFP final-revised-corrected - 8-27-12.pdf; ATT212854.txt

EE and RE Committee stakeholders

As noted by an astute commenter – the rows on Tables 19 through 22 did not sum up correctly. That was a test to see if you were reading the draft and one commenter passed. :)

Actually there was a glitch in the formula – thank you for the comment – Anne Marie Peracchio of NJN. We have corrected the formula between pages

Attached are the corrected tables.

Since the participants and energy saving/generation are connected to the funding level and more specifically to the allocation of funding levels to budget level programs, the jobs and energy savings/generations in Table 19 through 22 have been revised.

Please replace the current tables 19 through 22 with these tables

We can discuss this draft – your comments as well as the comments on the 2012/2013 true up budget and continuation of 2012 funding at the EE and RE Committee meeting on September 10, 2012 in Trenton

We can also provide details on the process to receive formal comments as well as establishing the public hearing schedule for the 2014 through 2017 funding level proceeding

Have a good weekend –

Michael Winka

Michael Winka
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NJBPU Staff Draft Straw Proposal for the NJCEP 2013 through 2016 Comprehensive Resource Analysis for Energy Efficiency and Renewable Energy

NJCEP 2013

straw proposal	ESTIMATED Uncommitted Funds from Prior Year	ESTIMATED Committed Funds from Prior Year	Loan Repayment	Securitized Loan Funds	Securitized Loan Costs	Total Budget
a	b	c	d	e	f	g

Residential Incentives	\$60,000	\$15,000	\$20,000	\$0,000	\$0,000	\$0,000	\$95,000
Low Income	\$30,000						\$30,000
Government, Commercial & Industrial Incentives	\$98,000	\$50,000	\$50,000	\$0,000	\$0,000	\$0,000	\$198,000
Other Energy Efficiency	\$0,500						\$0,500
Total Energy Efficiency	\$218,500	\$65,000	\$70,000	\$0,000	\$0,000	\$0,000	\$353,500

Renewable Energy Incentives	\$15,000	\$15,000	\$0,000	\$0,000	\$0,000	\$0,000	\$30,000
Economic Development Authority Incentives	\$5,000	\$30,000	\$0,000	\$0,000	\$0,000	\$0,000	\$35,000
Office of Clean Energy	\$8,000						\$8,000
Total NJCEP EERE	\$28,000	\$110,000	\$115,000	\$0,000	\$0,000	\$0,000	\$492,500

State EERE Projects	\$10,000						\$10,000
State Energy Costs	\$42,500						\$42,500
EO14 - Budget Reduction							
True Grant							
TOTAL NJCEP	\$320,000	\$110,000	\$115,000	\$0,000	\$0,000	\$0,000	\$545,000

Total Financing	\$85,000						\$85,000
Percent Financing	20.31%						11.83%
Total NJCEP EERE	\$287,500	\$110,000	\$115,000	\$0,000	\$0,000	\$0,000	\$492,500
Percent total NJCEP EERE	24.32%						13.25%
Residential Total	\$105,000						\$140,000
G/C/I Total	\$208,500						\$398,500
G/C/I Total without state costs	\$195,000						\$348,000
Residential percentage	33.48%						28.09%
G/C/I percentage	66.51%						72.00%
Residential % of total w/o state	40.14%						28.81%
G/C/I percentage of total w/o state	59.86%						71.19%

Notes: The overall percentage is 40% residential and 60% G,C,I. Renewable is assumed to be 40% residential and 60% G,C,I. Assumed loans are 3, 5 and 7 year loans. Assumed selling or securitizing loans takes 2 years. Assumed 20% cost of selling loans. Any loan revenues will either be returned to the ratepayer or be used to reduce the next years NJCEP funds. Other EE is Sustainable Jersey. EDA incentives are for a 1/3 of CEIWF and GGF. State EERE Projects and State Energy Costs are part of G/C/I. Projected savings are estimated based on the average annual and lifetime energy cost and savings data from the 2001 through 2010 NJCEP programs. Projected Participants are based on the average annual participants in the 2001 through 2010 programs. Assumed that new financing programs linked with existing incentive programs do not produce additional savings, generation of participants. Assumed standalone financing programs without rebates have participants but at a lower rate. Assumed standalone financing programs without rebates have participants but at a lower rate. Assumed State EERE projects have energy savings or generations but at a lower rate.

NJCEP 2013

Savings/Generation and Participants	Annual		Lifetime	
	Electric Savings	Natural Gas Savings	Electric Savings	Natural Gas Savings
MWh	dthrm	kw	MWh	dthrm

Residential Incentives	187,598	434,793	37,083	1,383,836	7,500,000	97,561
Low Income	12,305	99,338	1,801	171,429	1,784,706	10,784
Government, Commercial & Industrial Incentives	438,776	361,345	89,958	6,615,385	6,142,857	10,658
Other Energy Efficiency						
Total Energy Efficiency	618,678	895,465	128,841	8,750,450	15,407,563	119,003

Renewable Energy Incentives	39,883		14,507	454,545		
Economic Development Authority Incentives	25,510	21,008		384,815	357,143	620
Office of Clean Energy						
Total NJCEP EERE	65,393	21,008	14,507	839,360	711,288	620

State EERE Projects	820	6,623	107	11,429	117,647	719
State Energy Costs						
EO14 - Budget Reduction						
True Grant						
TOTAL NJCEP	644,592	923,096	143,355	9,001,039	15,882,353	120,341

NJBRP Staff Draft Straw proposal for the NJCEP 2013 through 2016 Comprehensive Resource Analysis for Energy Efficiency and Renewable Energy

NJCEP 2014

Straw proposal	ESTIMATED Annual New Funding	ESTIMATED Uncommitted from prior year	ESTIMATED Committed Funds from prior years	ESTIMATED Loan Repayment	ESTIMATED Securitized Loan Funds	ESTIMATED Securitized Loan Costs	ESTIMATED Total Budget
a	b	c	d	e	f	g	

Energy Efficiency	Residential Incentives Financing	Low Income	Government, Commercial & Industrial Incentives Financing	Other Energy Efficiency
Residential Incentives Financing	\$44,000	\$28,000	\$30,000	\$39,000
Low Income	\$30,000		\$0,000	\$0,000
Government, Commercial & Industrial Incentives Financing	\$63,600	\$36,000	\$0,000	\$0,000
Other Energy Efficiency	\$201,500	\$65,000	\$70,000	\$0,000
Total Energy Efficiency	\$368,100	\$124,000	\$70,000	\$39,000

Renewable Energy Financing	Economic Development Authority Incentives Financing	Office of Clean Energy
Renewable Energy Incentives Financing	\$10,000	\$6,000
Economic Development Authority Incentives Financing	\$30,000	\$35,000
Office of Clean Energy	\$6,000	\$6,000
Total NJCEP EE/RE	\$46,000	\$47,000

State EE/RE Projects	State Energy Costs EOT4 - Budget Reduction True Grant	TOTAL NJCEP
State EE/RE Projects	\$10,000	\$554,500
State Energy Costs EOT4 - Budget Reduction True Grant	\$42,500	\$597,000
Total Financing	\$109,000	\$1,099,000
Percent financing	34.05%	18.65%
Total NJCEP EE/RE	\$287,500	\$302,000
Percent total NJCEP EE/RE	40.75%	21.7%
Residential Total	\$110,400	\$145,000
G/C/I Total	\$209,600	\$257,000
G/C/I Total without state costs	\$157,100	\$351,000
Residential percentage of total	34.50%	28.44%
G/C/I percentage of total	65.50%	71.56%
Residential percentage of total w/o state	41.27%	29.23%
G/C/I percentage of total w/o state	58.73%	70.77%

Notes:
 The overall percentage is 40% residential and 60% G.C.I.
 Renewable is assumed to be 40% residential and 60% G.C.I.
 Assumed loans are 3, 5 and 7 year loans
 Assumed setting or securitizing loans takes 2 years
 Assumed 20% cost of setting loans
 Any loan revenues will either be returned to the ratepayer or be used to reduce the next years NJCEP funds
 Other EE is Sustainable Jersey
 EDA Incentives are for a 1/3 of CEWF and GGF
 EDA financing is for EERLF and 2/3 CEMG and GGF
 State EE/RE Projects and State Energy Costs are part of G/C/I
 Projected savings are estimated based on the average annual participants in the 2001 through 2010 NJCEP programs
 Assumed that new financing programs linked with existing incentive programs do not produce additional savings, generation or participants
 Assumed standalone financing programs without rebates produce savings but at a reduced rate
 Assumed standalone financing programs without rebates have participants but at a lower rate
 Assumed State EE/RE projects have energy savings or generations but at a lower rate

NJCEP 2014

Savings/Generation and Participants	Annual	Lifetime			
Electric Savings kWh	Natural Gas Savings kWh	Demand Reduction kW	Electric Savings kWh	Natural Gas Savings kWh	Participants

Energy Efficiency	Residential Incentives Financing	Low Income	Government, Commercial & Industrial Incentives Financing	Other Energy Efficiency
Residential Incentives Financing	122,905	316,841	27,194	1,000,000
Low Income	12,305	99,338	1,601	171,429
Government, Commercial & Industrial Incentives Financing	321,429	284,706	65,800	4,946,154
Other Energy Efficiency	466,639	882,884	94,894	6,017,582
Total Energy Efficiency	823,378	1,493,769	188,489	11,754,706

Renewable Energy Financing	Economic Development Authority Incentives Financing	Office of Clean Energy
Renewable Energy Incentives Financing	26,455	9,671
Economic Development Authority Incentives Financing	25,510	21,008
Office of Clean Energy	6,000	6,000
Total NJCEP EE/RE	58,965	36,679

State EE/RE Projects	State Energy Costs EOT4 - Budget Reduction True Grant	TOTAL NJCEP
State EE/RE Projects	820	6,823
State Energy Costs EOT4 - Budget Reduction True Grant	107	11,429
Total Financing	927	18,252
Percent financing	5.0%	0.1%
Total NJCEP EE/RE	18,252	12,121,849
Percent total NJCEP EE/RE	0.15%	0.1%
Residential Total	7,100	9,100
G/C/I Total	11,152	3,051
G/C/I Total without state costs	6,152	3,051
Residential percentage of total	39.2%	25.3%
G/C/I percentage of total	60.8%	74.7%
Residential percentage of total w/o state	41.2%	29.2%
G/C/I percentage of total w/o state	58.8%	70.8%

Notes:
 The overall percentage is 40% residential and 60% G.C.I.
 Renewable is assumed to be 40% residential and 60% G.C.I.
 Assumed loans are 3, 5 and 7 year loans
 Assumed setting or securitizing loans takes 2 years
 Assumed 20% cost of setting loans
 Any loan revenues will either be returned to the ratepayer or be used to reduce the next years NJCEP funds
 Other EE is Sustainable Jersey
 EDA Incentives are for a 1/3 of CEWF and GGF
 EDA financing is for EERLF and 2/3 CEMG and GGF
 State EE/RE Projects and State Energy Costs are part of G/C/I
 Projected savings are estimated based on the average annual participants in the 2001 through 2010 NJCEP programs
 Assumed that new financing programs linked with existing incentive programs do not produce additional savings, generation or participants
 Assumed standalone financing programs without rebates produce savings but at a reduced rate
 Assumed standalone financing programs without rebates have participants but at a lower rate
 Assumed State EE/RE projects have energy savings or generations but at a lower rate

NJBPU Staff Draft Straw Proposal for the NJCEP 2013 through 2016 Comprehensive Resource Analysis for Energy Efficiency and Renewable Energy

Budget	Annual New Funding		ESTIMATED Uncommitted Funds from prior years	ESTIMATED Committed Funds from prior years	Loan Reinvestment	Securitized Loan Funds	Securitized Loan Costs	ESTIMATED Total Budget
	a	b						

Energy Efficiency

Residential Incentives	\$16,000		\$10,000	\$15,000		\$10,000	\$2,000	\$33,000
Financing	\$44,000							\$16,000
Low Income	\$30,000							\$4,000
Government, Commercial & Industrial Incentives	\$30,000		\$30,000	\$30,000		\$25,000	\$5,000	\$30,000
Financing	\$92,000							\$30,000
Other Energy Efficiency	\$0,500							\$92,000
Total Energy Efficiency	\$182,500		\$40,000	\$45,000	\$20,000	\$35,000	\$7,000	\$235,500

Renewable Energy Incentives	\$5,000		\$10,000	\$10,000		\$5,000	\$1,000	\$24,000
Financing	\$15,000							\$5,000
Economic Development Authority Incentives	\$5,000		\$15,000	\$15,000		\$20,000		\$50,000
Financing	\$40,000							\$5,000
Office of Clean Energy								\$40,000
Total NJCEP EE/RE	\$247,500		\$65,000	\$70,000	\$20,000	\$40,000	\$8,000	\$324,500

State EE/RE Projects	\$10,000							\$10,000
State Energy Costs	\$42,500							\$42,500
EO14 - Budget Reduction True Grant								
TOTAL NJCEP	\$300,000							\$487,000

Total financing	\$181,000							\$181,000
Percent financing	59.97%							39.06%
Total NJCEP EE/RE	\$247,500							\$454,500
Percent total NJCEP EE/RE	64.05%							37.05%
Residential Total	\$133,000							\$138,000
GCI Total	\$194,500							\$348,500
Residential percentage	40.81%							28.37%
GCI percentage	58.39%							71.63%

Notes
 The overall percentage is 40% residential and 60% G.C.I.
 Renewable is assumed to be 40% residential and 60% G.C.I.
 Assumed loans are 3, 5 and 7 year loans
 Assumed selling or securitizing loans takes 2 years
 Assumed 20% cost of selling loans
 Any loan revenues will either be returned to the ratepayer or be used to reduce the next years NJCEP funds
 Other EE is Sustainable Jersey
 EDA incentives are for a 1/3 of CEIUF and GGF
 EDA financing is for EE/RE and 2/3 CEIUF and GGF
 State EE/RE Projects and State Energy Costs are part of GCI
 Projected savings are estimated based on the average annual and lifetime energy cost and savings data from the 2001 through 2010 NJCEP programs
 Projected Participants are based on the average annual participants in the 2001 through 2010 programs
 Assumed that new financing programs linked with existing incentive programs do not produce additional savings, generation or participants
 Assumed standalone financing programs without rebates produce savings but at a reduced rate
 Assumed standalone financing programs without rebates have participants but at a lower rate
 Assumed State EE/RE projects have energy savings or generations but at a lower rate

NJCEP 2016

Residential Incentives	44,693	115,942	9,889	263,636	2,000,000	26,016
Financing						
Low Income	12,305	99,338	1,601	171,429	1,794,708	10,784
Government, Commercial & Industrial Incentives	153,081	126,050	31,381	2,307,692	2,142,857	3,718
Financing						
Other Energy Efficiency						
Total Energy Efficiency	210,059	341,330	42,870	2,882,757	5,907,563	40,518

Renewable Energy Incentives	13,228		4,936	151,515		
Financing						
Economic Development Authority Incentives	25,510	21,008		384,815	357,143	620
Financing						
Office of Clean Energy						
Total NJCEP EE/RE	248,797	382,339	47,706	3,317,888	6,264,706	41,137

State EE/RE Projects	820	6,623	107	11,429	117,647	719
State Energy Costs						
EO14 - Budget Reduction True Grant						
TOTAL NJCEP	249,617	388,961	47,812	3,330,316	6,382,353	41,856

Savings/Generation and Participants	Annual			Lifetime		
	Electric Savings (MWh)	Natural Gas Savings (dthrm)	Demand Reduction (kw)	Electric Savings (MWh)	Natural Gas Savings (dthrm)	Participants

NJBPU Staff Draft Straw Proposal for the NJCEP 2013 through 2016 Comprehensive Resource Analysis for Energy Efficiency and Renewable Energy

NJCEP 2016

Budget		ESTIMATED		ESTIMATED		ESTIMATED		ESTIMATED		ESTIMATED	
Straw Proposal		Uncommitted Funds from prior year		Committed Funds from prior years		Loan Repayment		Securitized Loan Funds		Securitized Loan Costs	
a	b	c	d	e	f	g					

Energy Efficiency											
Residential Incentives Financing	\$2,000	\$10,000	\$10,000		\$26,000	\$5,200					\$40,800
Low Income	\$58,000										\$58,000
Government, Commercial & Industrial Incentives Financing	\$30,000	\$30,000	\$30,000		\$38,000	\$7,400					\$90,800
Other Energy Efficiency	\$6,000										\$6,000
Total Energy Efficiency	\$96,000	\$40,000	\$40,000	\$0,000	\$64,000	\$12,600					\$318,400
Renewable Energy Incentives Financing	\$2,000	\$10,000	\$10,000		\$10,000	\$2,000					\$28,000
Economic Development Authority Incentives Financing	\$18,000										\$18,000
Office of Clean Energy	\$15,000	\$15,000	\$15,000		\$30,000						\$60,000
Total NJCEP EERE	\$45,000	\$85,000	\$85,000	\$0,000	\$74,000	\$14,000					\$171,000
State EERE Projects	\$10,000										\$10,000
State Energy Costs	\$42,500										\$42,500
EO14 - Budget Residuation True Grant											
TOTAL NJCEP	\$500,000										\$523,900

Total Financing	\$198,000										\$198,000
Percent Financing	89.00%										37.79%
Total NJCEP EERE	\$247,500										\$471,400
Percent Total NJCEP EERE	80.00%										42.00%
Residential Total	\$164,000										\$148,800
G/C/I Total	\$185,500										\$584,100
Residential percentage	48.92%										29.61%
G/C/I percentage	53.08%										70.88%

Notes

The overall percentage is 40% residential and 60% G/C/I

Renewable is assumed to be 40% residential and 60% G/C/I

Assumed loans are 3, 5 and 7 year loans

Assumed selling or securitizing loans takes 2 years

Any loan revenues will either be returned to the ratepayer or be used to reduce the next years NJCEP funds

Other EE is Sustainable Jersey

EDA financing is for EERLF and Z/3 CEMG and GGF

State EERE Projects and State Energy Costs are part of G/C/I

Projected savings are estimated based on the average annual and lifetime energy cost and savings data from the 2001 through 2010 NJCEP programs

Participants are based on the average annual participants in the 2001 through 2010 programs

Assumed that new financing programs linked with existing incentive programs do not produce additional savings, generation or participants

Assumed standalone financing programs without rebates have participants but at a reduced rate

Assumed standalone financing programs without rebates have participants but at a lower rate

Assumed State EERE projects have energy savings or generations but at a lower rate

NJCEP 2016

Savings/Generation and Participants		Lifetime	
Annual			

Energy Efficiency											
Residential Incentives Financing	5,587	14,493	1,296	45,455	250,000	3,252					
Low Income	12,305	99,338	1,801	171,429	1,784,706	10,784					
Government, Commercial & Industrial Incentives Financing	30,812	25,210	6,276	461,538	428,571	744					
Other Energy Efficiency											
Total Energy Efficiency	48,504	139,041	8,113	678,422	2,443,277	14,779					
Renewable Energy Incentives Financing	5,291		1,934	60,606							
Economic Development Authority Incentives Financing	15,306	12,805		230,769	214,286	372					
Office of Clean Energy											
Total NJCEP EERE	69,101	151,645	11,047	969,797	2,657,563	15,151					
State EERE Projects	820	6,823	107	11,429	117,847	719					
State Energy Costs											
EO14 - Budget Residuation True Grant											
TOTAL NJCEP	69,921	158,268	11,154	981,225	2,775,210	15,870					

Electric Savings MWh

Natural Gas Savings dtherm

Demand Reduction kw

Electric Savings MWh

Natural Gas Savings dtherm

Participants