# New Jersey Clean Energy Collaborative Proposed Performance Incentive Metrics for 2001 Program Year

# July 9, 2001

## **Summary of Maximum Incentives**

		PSE&G						P	SE&G	N	UI E-						
Schedule #	Year 2001 Program Performance Incentives	Electric	GPUE	(	Conectiv		RECO		Gas	-	Town	١	NJNG		SJG		Total
	RESIDENTIAL ENERGY EFFICIENCY	(\$000's)	(\$000's)	(	\$000's)	(	(\$000's)	(5	(s'000	(\$	000's)	(\$	6000's)	(\$	000's)	(	(\$000's)
1	Residential HVAC - Electric	\$ 475.5	\$ 421.8	\$	109.9	\$	10.3	\$	-	\$	-	\$	-	\$	-	\$	1,017.6
2	Residential HVAC - Gas	\$ -	\$ -	\$	-	\$	-	\$	250.3	\$	89.6	\$	87.3	\$	53.0	\$	480.2
3	Residential Windows	\$ 31.2	\$ 19.5	\$	4.5	\$	-	\$	18.6	\$	3.5	\$	3.5	\$	-	\$	80.8
4	Residential Low Income	\$ 405.8	\$ 268.6	\$	45.3	\$	6.2	\$	325.2	\$	65.4	\$	68.8	\$	32.7	\$	1,217.9
5	Residential New Construction	\$ 548.5	\$ 206.5	\$	87.7	\$	2.1	\$	341.0	\$	24.4	\$	29.5	\$	21.1	\$	1,260.6
6	Residential Lighting	\$ 65.2	\$ 58.2	\$	9.5	\$	-	\$	-	\$	-	\$	-	\$	-	\$	132.9
7	Residential Appliances	\$ 52.3	\$ 36.4	\$	8.1	\$	-	\$	-	\$	-	\$	-	\$	-	\$	96.8
	Subtotal Residential	\$ 1,578.4	\$ 1,010.9	\$	265.0	\$	18.6	\$	935.1	\$	183.0	\$	189.0	\$	106.8	\$	4,286.8
	NONRESIDENTIAL ENERGY EFFICIENCY																
8	Commercial/Industrial Construction	\$ 536.1	\$ 661.8	\$	180.8	\$	13.2	\$	225.1	\$	45.4	\$	39.6	\$	22.2	\$	1,724.1
9	Building Operation & Maintenance	\$ 34.1	\$ 18.1	\$	5.8	\$	-	\$	20.8	\$	-	\$	-	\$	-	\$	78.7
10	Compressed Air	\$ 23.6	\$ 12.0	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	35.6
	Subtotal Nonresidential	\$ 593.8	\$ 691.9	\$	186.6	\$	13.2	\$	245.9	\$	45.4	\$	39.6	\$	22.2	\$	1,838.4
	Maximum Performance Incentives	\$ 2,172.2	\$ 1,702.8	\$	451.5	\$	31.7	\$	1,180.9	\$	228.4	\$	228.6	\$	128.9	\$	6,125.2

**Detailed Performance Incentives - By Program and by Company** 

		·	Р	SEG -								Fliza	abeth-	NII	Vatural	_	Jerse
	State	ewide		lectric	GPUE	Cone	ectiv	REC	CO	PSE	G-Gas		n Gas		Sas		Gas
Maximum incentive total (thousands of dollars)	\$	1,018	\$	476	\$ 422	\$	110	\$	10	\$	-	\$	-	\$	-	\$	
Performance targets Metric 1: CAC/HP Participants Statewide Metric 2: HVAC Technicians Trained Statewide		17,160 660		or	17,798	MWH											
Performance target values (\$000s)																	
Metric 1 80%	\$	814	\$	380	\$ 337	\$	88	\$	8	\$	-	\$	-	\$	-	\$	-
Metric 2 20%	\$	204	\$	95	\$ 84	\$	22	\$	2	\$	-	\$	-	\$	-	\$	-

- 1. Performance targets are statewide numbers either reached together or not reached together. There are no individual utility targets.
- 2. To be eligible for any incentives, individual utilities must meet minimum requirements stated in the program summaries.
- 3. Incentives shown for metrics are for 110% goal achievement. No incentives are offered for achieving 70% of the goal. Incentives increase linearly between 70% and 110% of the goal (e.g. 50% of incentives are achieved at 90% of the goal)
- 4. MWh savings are net of free riders and spillover, at the generator (i.e. including reductions in line losses)

**Detailed Performance Incentives - By Program and by Company** 

			P	SEG -								Eliz	zabeth-	NJ	Natural	S.	. Jerse
	State	wide	E	ectric	GPUE	C	onectiv	R	ECO	PSE	EG-Gas	tov	vn Gas		Gas		Gas
Maximum incentive total	\$	480	\$	-	\$ -	\$	-	\$	-	\$	250	\$	90	\$	87	\$	5
Performance targets Metric 1: Furnace/Boiler Participants Statewide Metric 2: HVAC Sales Reps Trained Statewide	,	9,240 55		or	1,261,700	ther	rms										
Performance target values (\$)																	
Metric 1 67%	\$	322	\$	-	\$ -	\$	-	\$	-	\$	168	\$	60	\$	58	\$	3
Metric 2 33%	\$	158	\$	-	\$ _	\$	-	\$	-	\$	83	\$	30	\$	29	\$	1

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**Detailed Performance Incentives - By Program and by Company** 

				PSEG	-						Elizabeth-	NJ Natural	S. Jers
		Statev	wide	Electri	С	GPUE	Cone	ectiv	RECO	PSEG-Gas	town Gas	Gas	Gas
Maximum ii	ncentive total	\$	81	\$	31	\$19		\$4	\$0	\$19	\$4	\$4	
Performano	ce targets												
Metric 1:	Enlist and provide program participation instruction and marketing support to residential window retailers		165										
Metric 2:	Enlist two of the top four window manufacturers in a co-promotion of Energy Star labeled windows to consumers through local New Jersey window retailers.												
Performano	te target values (\$)												
Metric 1	60%	\$	49	\$	19 \$	12	\$	3	\$ -	\$ 11	\$ 2	: \$ 2	\$
Metric 2	40%	\$			12 \$		\$	3 :	· \$ -	\$ 7			\$

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- 4. "Enlist" retailers is defined as securing a Program participation agreement, and the placement of Program marketing materials at the retailer point-of-sale.

**Detailed Performance Incentives - By Program and by Company** 

		_		PSEG -					Elizabeth-	NJ Natural	S. Jersey
		Sta	atewide	Electric	GPUE	Conectiv	RECO	PSEG-Gas	town Gas	Gas	Gas
Maximum in	centive total	\$	1,218	\$406	\$269	\$45	\$6	\$325	\$65	\$69	\$33
Performance	e targets										
Metric 1:	Low income program participants:		13,004								
	Meet 110 % of annual program participation goals	and report average r	protocol sa	avings greater	•						
	than 10% of electric pre-treatement consum			0 0							
 f	- tt										
	e target values (\$)										
Metric 1	100%	\$	1.218	\$ 406	\$ 269	\$ 45	¢ 6	\$ 325	\$ 65	\$ 69	\$ 3

- 1. The metric #1 performance targets are based on statewide numbers the goal is either reached together or not reached together. There are no individual utility targets.
- 2. Average savings will be calculated based on jobs completed between 8/1/01 and 12/31/01. This is the period during which all field staff will be delivering jobs based on new statewide protocols and delivery procedures.

**Detailed Performance Incentives - By Program and by Company** 

			-	PSEG -							Elizabet	h-	NJ Natural	S	Jerse
	St	atewide		Electric	GPUE	Cone	ectiv	RECC	)	PSEG-Gas	town G	as	Gas	(	Gas
Maximum incentive total	\$	1,261	\$	548	\$ 206	\$	88	\$	2	\$ 341	\$	24	\$ 29	\$	2
Performance targets Metric 1: Enroll New ENERGY STAR Homes Participants Statewide		3,472	2	or	6,411	MWH		and		951,500	therms				
Performance target values (\$) Metric 1 100%	\$	1,261	\$	548	\$ 206	\$	88	\$	2	\$ 341	\$	24	\$ 29	\$	2

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- 4. Participants goals is number of enrollees. There is often 6 to 12 month time-lag (or more) between when a participant is enrolled and the participant is finished with installation of efficiency measures. MWH and therm savings are for completed participants. Thus, it is not possible to estimate per participant savings by dividing savings goals by participant (enrollee) goals.
- 5. MWh and therm savings are net of free riders and spillover. MWH savings are at the generator (I.e. including reductions in line losses)

**Detailed Performance Incentives - By Program and by Company** 

				PSEC	G -									Elizabeth-	· N	IJ Natural	S.	Jerse
		State	ewide	Elect	ric	GF	PUE	Cone	ectiv	REC	0	PSEG-G	ias	town Gas		Gas		Gas
Maximum ir	ncentive total	\$	133	\$	65	\$	58	\$	9	\$	-	\$	-	\$	- \$	-	\$	
Performanc	e targets																	
Metric 1:	Enlist and provide program participation instruction and marketing support to lighting retailers		165															
Metric 2:	Energy Star product sales training provided to individual lighting sales persons		330															
Performanc	e target values (\$)																	
Metric 1	60%	\$	80		\$39		\$35		\$6		\$0		\$0	\$	0	\$0		\$
Metric 2	40%	\$	53		\$26		\$23		\$4		\$0		\$0	\$	0	\$0		9

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**Detailed Performance Incentives - By Program and by Company** 

SCHEDU	LE 7: RESIDENTIAL ENERGY STAR APPLIANCES P	ERFO	RMA	NCE	INC	ENT	TIVE MET	RIC	S FOR	RPR	OGR	AM Y	EAR 2	001					
				PS	SEG -									Elizabet	th-	NJ Natu	ral	S. Jers	ey
		Statew	/ide	Ele	ectric		GPUE	Co	nectiv	RE	CO	PSI	EG-Gas	town G	as	Gas		Gas	•
Maximum in	centive total	\$	97	\$	52	\$	36	\$	8	\$	-	\$	-	\$	-	\$	-	\$	-
Performance	e targets																		
Metric 1:	Enlist and provide program participation instruction and marketing support to NJ appliance retailers		83																
Metric 2:	Energy Star product sales training provided to individual appliance sales persons		110																
Performance	e target values (\$)																		
Metric 1	60%	\$	58	\$	31	\$	22	\$	5	\$	-	\$	-	\$	-	\$	-	\$	-
Metric 2	40%	\$	39	\$	21	\$	15	\$	3	\$ \$	-	\$		\$	-		-	\$	-

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**Detailed Performance Incentives - By Program and by Company** 

				PSEG	i -							Elizab	eth-	NJ Nat	ural	S. J	ersey
		St	atewide	Electr	ic	GPUE	Cone	ctiv	RECO	PSEC	G-Gas	town (	Gas	Gas	3	C	as
Maximum i	ncentive total		\$1,724	\$	536	\$662	\$	3181	\$13		\$225		\$45	;	\$40		\$22
Performano	be targets																
Metric 1:	Energy Savings - MWh savings = 18,315 MWh - Therm savings = 110,000 therms																
Metric 2: Metric 3:	Achieve at least 688 total projects (prescriptive, custor Secure 3 (min) to 6 (max) agreements with customers  - Max # of chiller projects = 6  - Min # of chiller projects = 4						nent by '	12/31/0	01								
Metric 4:	Increase program performance of Tier II units by 12/3° - Max # of rebates = 296 - Min # of rebates = 110	I/01															
 Performano	ce target values (\$)																
Metric 1:	55% electrics, 80% RECO, 80% gas	\$	1,035	\$	295	\$ 364	\$	99	\$ 11	\$	180	\$	36	\$	32	\$	18
Metric 2: Metric 3:	20% gas and electrics 12.5% electrics only (minus RECO)	\$	345	\$	107	\$ 132	\$	36	\$ 3	\$	45	\$	9		8	\$	4
	- Max # of chiller projects	\$	172	\$	67	\$ 83	\$	23	\$ -	\$	-	\$	-	\$	-	\$	-
	- Min # of chiller projects	\$	86	\$	34	\$ 41	\$	11	\$ -	\$	-	\$	-	\$	-	\$	•
Metric 4:	12.5% electrics only (minus RECO)																
	- Max # of rebates	\$	172	\$	67	\$ 83		23	\$ -	\$	-	\$	-	\$	-	\$	
	- Min # of rebates	\$	86	\$	34		\$	11	\$ -	\$	-	\$	-	\$	-	\$	

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- 4. MWh and therm savings are net of free riders and spillover. MWH savings are at the generator (I.e. including reductions in line losses)

**Detailed Performance Incentives - By Program and by Company** 

				PS	SEG -								Eliz	abeth-	NJ	Natural	S	Jersey
		Stat	ewide	El	ectric	GPUE	Co	nectiv	F	RECO	PSE	G-Gas	tow	n Gas		Gas	(	Gas
Maximum in	centive total	\$	78.7	\$	34.1	\$ 18.1	\$	5.8	\$	-	\$	20.8	\$	-	\$	-	\$	-
Performance	e targets																	
Metric 1:	Participation in building operator training and certification program - Max # of building operators enrolled = 50 - Min # of building operators enrolled = 30																	
Metric 2:	Obtain customer commitments for 6 O&M pilot projects																	
 Performanc	e target values (\$)																	
Metric 1:	50%																	
	- Max # of building operators	\$	39.4		17.1	9.0	\$	2.9			\$	10.4 5.2	\$	-	\$ \$	-	\$	-
	- Min # of building operators	\$	19.7	\$	8.5	\$ 4.5	\$	1.4	\$	-	\$	5.2	\$	-	\$	-	\$	-
Metric 2:	50%	\$	39.4	\$	17.1	\$ 9.0	\$	2.9	\$	-	\$	10.4	\$	-	\$	-	\$	-
Total	100%																	

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<sup>2.</sup> To be eligible for any incentives, utilities must meet minimum requirements stated in the program summaries.

<sup>3.</sup> Incentives shown for metrics are for at least 110% goal achievement. No incentives are offered for achieving 70% of the goal. Incentives increase linearly between 70% and 110% of the goal (e.g. 50% of incentives are achieved at 90% of the goal)

**Detailed Performance Incentives - By Program and by Company** 

		Sta	tewide	SEG - ectric	(	SPUE	Co	nectiv	ΡI	ECO	PSE	G-Gas	abeth- n Gas	Natural Gas	Jersey Gas
Maximum in	centive total	\$	35.6	\$ 23.6		12.0		-	\$	-	\$	-	\$ -	\$ -	\$ -
Performance	e targets														
Metric 1:	Obtain customer commitments for compressed air audi - Max # compressed air audits = 10 - Min # compressed air audits = 8	ts/studies/case s	udies.												
 Performance	e target values (\$)														
Metric 1:	100%														
	- Min # compressed air audits	\$	35.6	\$ 23.6	\$	12.0	\$	-	\$	-	\$	-	\$ -	\$ -	\$ -
	- Max # compressed air audits	\$	17.8	\$ 11.8		6.0	\$	-	\$	-	\$ \$	-	\$ -	\$ -	\$ -
Total	100%														

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# New Jersey Clean Energy Collaborative Proposed Performance Incentive Metrics for 2001 Program Year

# Program Budgets as Filed April 9, 2001

		PSE&G									NU	I E-						
Year 2001 Program Budgets	- 1	Electric		GPUE	(	Conectiv		RECO	PS	SE&G Gas		Town	_	NJNG		SJG		Total
RESIDENTIAL ENERGY EFFICIENCY	(	(\$000's)		(\$000's)		(\$000's)	(	\$000's)		(\$000's)	(;	\$000's)	(\$	6000's)	(5	6000's)	(	\$000's)
Residential HVAC - Electric	\$	5,944	<del>(S)</del>	5,273	\$	1,374	69	129	\$	-	\$	-	\$	-	\$	-	\$	12,720
Residential HVAC - Gas	\$	-	\$	-	\$	-	\$	-	\$	3,128	\$	1,121	\$	1,091	\$	662	\$	6,002
Residential Windows	\$	390	<del>(S)</del>	244	\$	56	69	-	\$	233	\$	44	\$	44	\$	-	\$	1,010
Residential Low Income	\$	5,072	\$	3,357	\$	566	\$	77	\$	4,065	\$	818	\$	860	\$	409	\$	15,224
Residential New Construction	\$	6,856	<del>(S)</del>	2,581	\$	1,096	69	27	\$	4,262	\$	305	\$	368	\$	264	\$	15,758
Residential Lighting	\$	815	\$	727	\$	119	<b>\$</b>	-	\$	-	\$	-	\$	-	\$	-	\$	1,661
Residential Appliances	\$	653	49	455	\$	101	69	-	\$	-	\$	-	\$	-	\$	-	\$	1,210
Subtotal Residential	\$	20,062	\$	13,055	\$	3,386	\$	232	\$	12,083	\$	2,388	\$	2,476	\$	1,377	\$	55,059
NONRESIDENTIAL ENERGY EFFICIENCY																		
Commercial/Industrial Construction	\$	6,701	\$	8,273	\$	2,260	\$	164	\$	2,813	\$	568	\$	495	\$	277	\$	21,551
Building Operation & Maintenance	\$	426	49	226	\$	72	69	-	\$	260	\$	-	\$	-	\$	-	\$	984
Compressed Air	\$	295	\$	150	\$		69	-	\$	-	\$	-	\$	-	\$	-	\$	445
Subtotal Nonresidential	\$	7,422	\$	8,649	\$	2,332	\$	164	\$	3,073	\$	568	\$	495	\$	277	\$	22,980
Budget Totals	\$	27,484	\$	21,703	\$	5,718	\$	397	\$	15,156	\$	2,956	\$	2,971	\$	1,654	\$	78,039

#### Note:

1. Does not include Residential Retrofit, Customer Sited Clean Energy Generation, Schools Education, Appliance Cycling, Legacy Programs.