Dover Green Energy Fund Incentive/Grant Proposed Changes

Photovoltaic Systems

	Not to Exceed __% of total installed costs	Residential & Non-Residential			Non-Profit			Maximum Grant		
		Cost ($/Watt) 0+ to 5kW	Cost ($/Watt) 5+kW to 10kW	Cost ($/Watt) 10+kW to 50kW	Cost ($/Watt) 0+ to 5kW	Cost ($/Watt) 5+kW to 10kW	Cost ($/Watt) 10+kW to 50kW	Residential	Non-Residential	Non-Profit
Dover (Proposed)	**N/A**	**$ 1.25**	**$ 0.75**	**$ 0.35**	**$ 2.55**	**$ 1.50**	**$ 0.70**	**$7,500**	**$15,000**	**$15,000**
Dover (Current)	25%	N/A	N/A	N/A	N/A	N/A	N/A	$7,500	$15,000	$15,000

Solar Water Heater Only

	Not to Exceed __% of total installed costs	Residential ($/OG300 - kWhr Saved)	Non-Residential ($/OG300 - or PE Cal. kWhr Saved)	Non-Profit ($/OG300 - or PE Cal. kWhr Saved)	Maximum Grant		
					Residential	Non-Residential	Non-Profit
Dover (Proposed)	**N/A**	**$ 1.00**	**$ 1.00**	**$ 1.00**	**$2,500**	**$7,500**	**$7,500**
Dover (Current)	50%	N/A	N/A	N/A	$3,000	$10,000	$10,000

Solar Water Heating Integrated into a Radiant Heating Application

	Not to Exceed __% of total installed costs	Residential ($/OG300 - kWhr Saved)	Non-Residential ($/OG300 - kWhr Saved)	Non-Profit ($/OG300 - kWhr Saved)	Maximum Grant		
					Residential	Non-Residential	Non-Profit
Dover (Proposed)	**N/A**	**$ 1.00**	**$ 1.00**	**$ 1.00**	**$2,500**	**$7,500**	**$7,500**
Dover (Current)	50%	N/A	N/A	N/A	$5,000	$10,000	$10,000

Small Wind Turbines

	Not to Exceed __% of total installed costs	Residential & Non-Residential			Non-Profit			Maximum Grant		
		Cost ($/Watt) 0+ to 5kW	Cost ($/Watt) 5+kW to 10kW	Cost ($/Watt) 10+kW to 50kW	Cost ($/Watt) 0+ to 5kW	Cost ($/Watt) 5+kW to 10kW	Cost ($/Watt) 10+kW to 50kW	Residential	Non-Residential	Non-Profit
Dover (Proposed)	**N/A**	**$ 1.25**	**$ 0.75**	**$ 0.35**	**$ 1.25**	**$ 0.75**	**$ 0.35**	**$2,500**	**$2,500**	**$2,500**
Dover (Current)	33.3%	N/A	N/A	N/A	N/A	N/A	N/A	$7,500	$15,000	$15,000

Fuel Cells

	Not to Exceed __% of total installed costs	Maximum Grant		
		Residential	Non-Residential	Non-Profit (35%)
Dover (Proposed)	**20%**	**$7,500**	**$10,000**	**$10,000**
Dover (Current)	50%	$15,000	$30,000	$30,000

Geothermal Heat Pumps System -

Dover (Proposed) - w/ Energy Efficiency Ratio (EER) ≥ 18 and Coefficient of Performance (COP) of ≥ 3.6

Dover (Current) - w/ Energy Efficiency Ratio (EER) of 15.0 and Coefficient of Performance (COP) of 3.4 or greater

	Not to Exceed __% of total installed costs	Residential & Non-Residential		Non-Profit		Maximum Grant		
		First 2 Tons ($/Ton)	Over 2 Tons ($/Ton)	First 2 Tons ($/Ton)	Over 2 Tons ($/Ton)	Residential	Non-Residential	Non-Profit
Dover (Proposed)	**N/A**	**$ 800**	**$ 700**	**$ 800**	**$ 700**	**$3,000**	**$10,000**	**$10,000**
Dover (Current)	$600 per ton or 50% of total installed costs, whichever is lower					$3,000	$20,000	$20,000

Dover (Proposed) - ELIMINATE THIS PROGRAM

Dover (Current):
Geothermal Heat Pumps System -
w/ Energy Efficiency Ratio (EER) of 14.0 and Coefficient of Performance (COP) of 3.0 or greater

	Not to Exceed __% of total installed costs	Not to Exceed For Residential	Not to Exceed for Non-Residential
Dover (Current)	$500 per ton or 50% of total installed costs, whichever is lower	$2,500	$20,000

Red text indicates the proposed changes to Dover's program.

ATTACHMENT #1
Utility Committee Meeting of 02/14/2011

RETAIL CUSTOMER DEMAND RESPONSE

AVAILABILITY

The Dover Electric Utility ("Dover") or its authorized designee is the sole entity permitted to bid demand response directly into the PJM Interconnection, L.L.C. ("PJM") ("DR Program") on behalf of retail customers served by Dover. No Customer may participate in a DR program of any other entity unless such program is consistent with the terms and conditions in this tariff and approved in advance by Dover.

Dover or its authorized designee may allow a Customer to bid DR into PJM's ancillary services market for energy imbalance, spinning reserves, supplemental reserves, reactive power and voltage control, or regulation and frequency response ancillary services, subject to the same terms and conditions.

DR programs may reduce electric service costs for the Customer, provide enhanced usage data, reduce emissions from electric generation, and provide demand flexibility.

CONTENTS OF APPLICATION

Customer shall submit to Dover a written request to participate that includes the following: 1) Type of DR program; and 2) Metering requirements for participation. Dover's approval of the application shall be granted within fourteen (14) days.

EFFECT OF APPLICATION AND PARTICIPATION IN DR PROGRAM

Dover's receipt and review of any documentation submitted by a Customer shall not constitute approval of such DR Provider or a guarantee of performance or payment by a DR Provider, nor shall Dover be liable for ANY damages sustained by the Customer.

RIGHT TO TERMINATE PARTICIPATION IN DR PROGRAM

Dover reserves the right to disapprove a request to participate in a DR program or to terminate participation by Customer when, in Dover's sole discretion, Dover determines that participation by Customer will be detrimental to another customer or to the City of Dover.

SPECIAL METERING REQUIREMENTS

If Customer requires special metering equipment or devices to participate in the DR program, Customer shall provide the specifications for such equipment or devices in writing to the Dover Electric Department at the time of application or promptly thereafter. Within fourteen (14) days thereafter, Dover will provide the Customer with an estimate of the cost of the special metering equipment or devices and an estimate of the cost of providing special meter reading data. The cost of any special metering equipment or device shall be the responsibility of the Customer and shall be paid prior to the scheduled installation date. All costs for data or special readings shall be billed to Customer monthly.

Effective Date: _____, 2011

City of Dover

MAYOR AND COUNCIL

February 28, 2011

Sent to State and Local Legislators

Dear FIELD(Salutation):

The City of Dover offers its full support of House Bill No. 27 - An Act to Amend Title 26 of the Delaware Code Relating to Renewable Energy Portfolio Standards (RPS). This amendment will allow the City of Dover to add energy conservation, energy efficiency, and demand-side energy management programs to its strategies for complying with the standards set forth in the law.

The City of Dover was an advocate for the RPS legislation, as it was enacted last year, and is a proven leader in the area of renewable energy, energy conservation, and carbon emission reductions. The City initiated, and is now a partner in, the Dover Sun Park Project, a 10MW solar photovoltaic facility that will be completed this summer and will be the largest solar facility in the northeast. Under the current law, the City of Dover will be able to use the Dover Sun Park in its plan to meet the RPS standards. The City of Dover has also converted street lights on Division Street to energy efficient LED lights; this is the first street in the State of Delaware to fully deploy this technology. Under the current law, the City of Dover would not receive credit for deploying energy efficient technology; however, under the proposed amendment, Dover would receive credit.

The amendment will make it clear that energy conservation and efficiency programs are as important to reducing our dependence on fossil fuels as are renewable energy sources. In addition, this amendment will make Renewable Energy Portfolio Standards more reasonably attainable and will reduce the cost of complying with the standards, thereby reducing energy costs to our customers.

As always, we wish to extend our appreciation for the continued support of our legislators.

Sincerely,

Kenneth L. Hogan
Council President

Carleton E. Carey, Sr.
Mayor

KLH/CEC/td
S:\ATTACHMENTS & EXHIBITS\Committee Attachments\2011\02-14-2011 UTILITY\Letter of Support - HB27 - Renewable Energy Portfolio Standards.wpd

cc: City Council
Patrick E. McCullar, DEMEC