

Planned Approach for the State
Energy Efficient Appliance
Rebate Program (SEEARP)
DE-FOA-0000119

Oversight Commission Meeting
October 8, 2009

SEEARP Goals and Budget

- DOE Goals
 - Save energy, make rebates available to consumers, enhance existing programs, create jobs

Federal Allocation	Estimated Administration Costs*	Funds Available for Rebates:
\$11,944,000	\$944,000 (approx. 8%)	\$11,000,000

*50% admin. match is required.

Proposal Due to DOE October 15, 2009

- Offer rebates on oil, natural gas, and propane water heating and HVAC systems to residential consumers statewide
- Use a 3rd Party administrator: Competitive solicitation for fulfillment house.
- Approx. 22,000 rebates translates into 22,000 jobs for home improvement contractors

Benefits of Proposal

- Energy Star HVAC and water heating equipment maximizes energy savings
- Local job creation
- Promotion of equipment made predominantly in the U.S.
- Minimizes recycling and refrigerant recovery concerns
- Compliments (without duplicating) Act 129 electric utility programs

Act 129 Appliance Investments

Utility	Projected Rebate Cost (four years)	Projected Energy Savings (four years)	Number of Rebated White Goods (four years)	Number of Rebated HVAC (four years)
PP&L	\$7.8 Million	29,708 MWh	30,830 units	61,230 units
PECO	\$35.5 Million	123,514 MWh	42,429 units	25,111 units
First Energy	\$19,228,228	94,086 MWh	39,405 units	68,069 units
Allegheny Power	\$16,526,445	5,9001 MWh	63,777 units	12,758 units
Duquesne Light	\$13,401,339	118,121 MWh	19,676 units	438 units
TOTAL	\$92,456,012	424,430 MWh	196,117 units	167,607 units

Appliance Rebate Plan – Standard Energy Star Appliance

Products	Installed Cost	Rebate	Federal Tax Credit	Net Cost	Lifetime Value of Energy Savings	Consumer Cost Including Energy Savings
Natural Gas/Propane Storage Water Heaters	\$1,898	\$250	N/A	\$1,648	\$864	\$784
Oil Furnaces	\$5,522	\$500	N/A	\$5,022	\$1,273	\$3,749
Natural Gas/Propane Furnaces	\$4,106	\$500	N/A	\$3,606	\$2,592	\$1,014
Oil Boilers	\$6,636	\$500	N/A	\$6,136	\$1,498	\$4,639
Natural Gas/Propane Boilers	\$6,702	\$500	N/A	\$6,202	\$1,494	\$4,708

Appliance Rebate Plan – Advanced Energy Star Appliances

Products	Installed Cost	Rebate	Federal Tax Credit	Net Cost	Lifetime Value of Energy Savings	Consumer Cost Including Energy Savings
Natural Gas/Propane Condensing Water Heaters	\$1,898	\$500	\$569	\$828	\$1,980	-\$1,152
Natural Gas/Propane Tankless Water Heaters	\$2,205	\$500	\$662	\$1,044	\$2,808	-\$1,765
Oil Furnaces	\$6,626	\$1,000	\$1,500	\$4,126	\$1,336	\$2,790
Natural Gas/Propane Furnaces	\$4,927	\$1,000	\$1,478	\$2,449	\$2,722	-\$273
Oil Boilers	\$7,963	\$1,000	\$1,500	\$5,463	\$1,572	\$3,891
Natural Gas/Propane Boilers	\$8,042	\$1,000	\$1,500	\$5,542	\$1,569	\$3,974