

PROGRAM SUMMARY

High-Efficiency Commercial Air Conditioning and Heat Pump Initiative (HECAC)

August 2003

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A summary of commercial HVAC programs run by CEE members follows in the next 10 pages. Member efforts now include features such as HVAC training, education and both prescriptive and custom rebates. Some members are also focusing programs focusing on HVAC operation and maintenance.

In this summary, organizations have provided information about their programs, which has been summarized for the convenience of CEE members. Program information is subject to change. For detailed information, please contact the individual organization.

SPONSOR	PROGRAM NAME (S)	INCENTIVES	AUDITS	TRAINING	CEE TIER 2	O&M	DESCRIPTION ¹	NOTES	HVAC INCENTIVES IN \$/TON			\$ PER UNIT EFFICIENCY	OTHER INCENTIVES
									<65,000	65,000 - 135,000	>135,000		
NORTHWEST													
ENERGY TRUST OF OREGON	Building Efficiency	◆	◆	◆	◆		This program focuses on standard and custom HVAC incentives. Trade Allies Network provides contractors with training and incentives for efficiency installations.	----	92	73	79	n/a	n/a
<u>Fred Gordon</u> (503) 493-8888	New Building Efficiency	◆	◆	◆			Offers three levels of support (High-Performance, Custom and Standard) depending upon the type of project (new construction or in-progress construction). Programs include assisting in decision making and equipment choices, facilitating technical/economic studies, and financial incentives.						
EUGENE WATER AND ELECTRIC BOARD <u>Dan Morehouse</u> (541) 344-6311	Equipment Replacement	◆	◆	◆			Offer rebates for old HVAC equipment replacements. Program pays for economizer. Efficiency levels shown with SEER in parentheses. Contractor training geared toward basics in economizer training, programs and further training for advanced efficiency issues.	L2	EER>10.3(10.1) AC: 0; HP: 75			Standard and Premium Economizers, Programmable Thermostat, OSA Lockout Thermostat	
								L3	EER>11(11.6) AC: 45; HP: 175				
								L4	EER>11.5(12.9) AC: 70; HP: 300				
	L3	SEER>11.6 AC: 30; HP: 135											
	Energy Smart Design	◆	◆	◆			New construction program with HVAC incentives. Custom analysis for units greater than 65,000 Btu/hr	L4	SEER>13 AC: 50; HP: 275				
NORTHWEST ENERGY EFFICIENCY ALLIANCE	Small Commercial HVAC O&M Pilot			◆		◆	Through a series of pilot projects O&M procedures for small commercial facilities are identified. Goals are to support market transformation, achieve kW and kWh savings through improved HVAC field efficiency and to identify best practices for supporting the contractor program. Regional multi-year program will start in 2004.						
<u>John Jennings</u> (816) 556-2200	Building Performance Services			◆		◆	Program goal is to develop a market structure that enhances and supports operating performance through infrastructure development, building performance services test, and a larger scale pilot.						
PUGET SOUND ENERGY <u>Bob Stolarski</u> (425) 487-6542	Commercial Grants and Rebates	◆	◆	◆			Services range from technical assistance and information to referrals, rebates, and financial assistance. Incentive levels are determined after project review and approval. Electric projects with a simple pay-back of less than one year are not eligible for funding.						Programmable Thermostats

¹ Program details are subject to change. Information presented valid as of 8/2003.

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SEATTLE CITY AND LIGHT <u>Lucie Huang</u> (206) 684-3083	Energy Smart Financial Incentives	◆	◆				HVAC equipment incentives offered covering up to 70% of the cost for installation. Funding based on kWh saved per year. For HVAC controls 17¢-20¢ per kWh saved and or HVAC equipment 20¢ per kWh saved. Life of measure also included in the grant allocation of capital. No funding for O&Ms; education only.						
	New Construction	◆	◆				Financial incentives, engineering analysis and commissioning services offered. Rebates included on high efficiency HVAC equipment, such as chillers, air conditioners, heat pumps and motors as well as custom measures.						
MIDWEST													
ALLIANT ENERGY (IA/MN) <u>Tom Balster</u> (319) 786-4177	Small Business – Heating & Cooling	◆	◆				Central air conditioner: Minimum seasonal energy efficiency ratio: 12.0 Incentive = (seasonal energy efficiency ratio - 10) x 100 Example: (12.9-10) x 100 = \$290 Air-source heat pump: \$150 for a heating seasonal performance factor of 9.2 or greater						
	Performance Contracting	◆	◆				<u>Shared Savings</u> : Includes project identification and evaluation, implementation assistance and financing based upon engineering analysis. <u>Performance Edge</u> : Program covers design assistance and project management for the installation of new equipment, and payment for the initial cost of the equipment.						
COMMONWEALTH EDISON – AN EXELON COMPANY <u>Stephan Baab</u> (630) 576-6832	Consulting Energy Efficiency		◆	◆			Services range from technical assistance, energy audits, commissioning as well as management of energy efficiency projects. Technical briefs on HVAC improvements and O&M activities also provided.						
MID AMERICAN (IA) <u>Richard Walker</u> (563) 333-8841	Energy Advantage Early Exchange	◆					Encourages replacement of older HVAC equipment with new, high-efficiency equipment. Steps include engineering analysis and financial incentives based upon cents per kWh saved.						
	C/I Heating & Cooling	◆					Includes equipment for new construction and retrofits.		22		n/a	Programmable Thermostats	
	Comm. New Construction	◆					Incentives for building owners based upon the kWh savings modeled and verified by an independent modeler. Design incentives are determined based on the square footage and type of building.						
WISCONSIN DEPARTMENT OF ADMINISTRATION <u>Dan Tarrence</u> (262) 284-3838	Small Business Incentives	◆	◆		◆		Businesses fewer than 25,000 square feet receive an efficiency incentive up to \$2,000.	Tier 1	100	150	250	Setback Thermostats, Mechanical Vent Dampers, Steam Traps	
	Commercial Buildings		◆	◆			Two commercial programs for HVAC; <u>Existing Buildings</u> and <u>High Performance (New Construction) Buildings</u> . Financial assistance is in the form of grant and technical assistance. Training provided for contractors.	Tier 2	150	250	400		

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XCEL ENERGY (MN) Shawn White (612) 330-2806	ConservationWise	Cooling Efficiency	◆	◆	◆		Cooling rebate program as part of the ConservationWise offerings.		10		3	Setback Thermostats	
		Energy Design Assistance	◆	◆	◆		Program of financial incentives and free consulting to help with new-build or renovation projects; Custom Consulting or Plan Review. Incentives are based upon energy savings.						
		Custom Efficiency	◆	◆	◆		Incentives based on energy savings, funding for engineering studies and competitive financing for replacing old equipment with "new" efficient equipment or buying new equipment that is more efficient.						
WEST													
CITY OF PALO ALTO UTILITIES Lindsay Joye (650) 329-2680	Commercial Advantage Program	◆				◆	Started in January 2000, program offers financial incentives for unitary HVAC equipment as well as custom rebates.		100		n/a	Setback Thermostats, VFDs for fans	
HAWAIIAN ELECTRIC COMPANY, INC. Jim Maskrey (808) 543-4765	Energy Solutions	Prescriptive AC Systems	◆	◆		◆	Started in 1996. Offers rebates on packaged and split AC systems.	Air	40		30	VFDs for fans, Premium Eff. motors	
		Water	80		20								
		Energy Design Assistance	◆	◆	◆			Design assistance for new construction and feasibility studies for existing facilities.					
	Customized Incentives	◆	◆			◆	Customized Incentives are based on the calculated energy (kWh) and demand (kW) savings of a new construction or retrofit project. Projects are evaluated on a case-by-case basis.						
LOS ANGELES DEPARTMENT OF WATER AND POWER Alex Brown (213) 367-4036	HVAC Rebate Program	◆				◆	CA HVAC Initiative values for rebates of units less than 10 tons (includes TXV) and CEE Tier 2 for over 10 tons. Additional tools such as the help customers track energy use. Outreach training for contractors entails introduction to the program and public appearances at industry events.	Tier 1 AC100 HP125	100	n/a	n/a		
							Tier 2 AC200 HP225						
							Tier 3 AC300 HP325						
	Efficiency Wise Financing					◆	Makes available fixed-interest loans up to \$350,000 for a wide range of energy efficiency upgrades and improvements that save energy equal to 15 percent of the systems they replace.						

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NEVADA POWER <u>Bob Balzar</u> (702) 227-2883	Sure Bet Prescriptive Incentives	◆	◆	◆	◆		Pilot program funded for the program year 2003. KEMA-XENERGY administers the Sure Bet program.	Air	25	40	30	Set Back Thermostats, Economizers	
								Water	25		80		
	Custom Incentives	◆	◆	◆	◆		Custom Incentives are determined based on the estimated amount of electrical energy and peak demand savings. They are calculated as follows: \$100/peak kW saved and \$0.03/annual kWh savings.						
PACIFIC GAS AND ELECTRIC <u>Jim Hanna</u> (530) 896-4222	Express Efficiency - HVAC	◆			◆		Program uses CA HVAC Initiative values for rebates of less than 10 and CEE Tier 2 for over 10 tons. Includes requirement currently for TXV on small units for additional incentives.	Tier 1	40	75	n/a	Set Back Thermostats, VFDs on Fans	
								Tier 2	50				
	Savings By Design	◆	◆	◆	◆		New construction and existing building incentive program that offers design assistance and owner incentives. Offers additional program resources through Energy Design Resources, Pacific Energy Center and CHPS. Owner incentives are available when the efficiency of the new building performs 10% better than Title 24.						
SACRAMENTO MUNICIPAL UTILITY DISTRICT <u>Paula Wiesner</u> (916) 732-5433	Commercial Program		◆	◆			Energy and Technology Center: Offers seminars and training courses on efficient HVAC operations. Energy Usage Report: Provides capability to understand consumption at a facility. Energy Conservation Tips for Businesses: HVAC O&M tips are provided in a fact sheet for consumers. Diagnostic Services: Energy Audits available by SMUD energy specialists.						
SAN DIEGO GAS AND ELECTRIC <u>Jeff Alexander</u> (858) 636-5762	Express Efficiency - HVAC	◆			◆		Program uses CA HVAC Initiative values for rebates of less than 10 and CEE Tier 2 for over 10 tons. Includes requirement currently for TXV on small units for additional incentives.	Tier 1	40	75	n/a	Set Back Thermostats, VFDs on Fans	
								Tier 2	50				
	Savings By Design	◆	◆	◆	◆		New construction and existing building incentive program that offers design assistance and owner incentives. Offers additional program resources through Energy Design Resources and CHPS. Owner incentives are available when the efficiency of the new building performs 10% better than Title 24.						
SIERRA PACIFIC POWER <u>Bob Balzar</u> (702) 227-2883	Sure Bet Prescriptive Incentives	◆	◆	◆	◆		Pilot program funded for the program year 2003. KEMA-XENERGY administers the Sure Bet program.	Air	25	40	30	Set Back Thermostats, Economizers	
								Water	25		80		
	Custom Incentives	◆	◆	◆	◆		Custom Incentives are determined based on the estimated amount of electrical energy and peak demand savings. They are calculated as follows: \$100/peak kW saved and \$0.03/annual kWh savings.						

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SOUTHERN CALIFORNIA EDISON <u>Steve Culbertson</u> (626) 302-1629	Express Efficiency - HVAC	◆			◆		Program uses CA HVAC Initiative values for rebates of less than 10 and CEE Tier 2 for over 10 tons. Includes requirement currently for TXV on small units for additional incentives.	Tier 1	40	75	n/a	Set Back Thermostats, VFDs on Fans	
							Tier 2	50					
							Tier 3	70					
	Savings By Design	◆	◆	◆	◆		New construction and existing building incentive program that offers design assistance and owner incentives. Offers additional program resources through Energy Design Resources and CHPS. Owner incentives are available when the efficiency of the new building performs 10% better than Title 24.						
SOUTH													
AUSTIN ENERGY <u>Fred Yebra</u> (512) 974-3405	Commercial Rebate Program	◆	◆				Offers HVAC prescriptive rebates for new construction, renovation and/or upgrades. New Construction rebates include: <u>Energy Management Control Systems</u> - Duty cycling options - Demand controlled ventilation options <u>Heat Recovery Options</u> - Air-to-air heat exchangers - Enthalpy wheels - Run around coils - Heat pipes	EER	\$300/kW			n/a	---
								8.5-9	---	---	25		
								<9.5	---	31	45		
								<10	32	49	63		
								<10.5	48	65	79		
								<11	63	80	94		
								<11.5	76	93	107		
								<12	88	105	119		
								<12.5	100	117	131		
<13	110	127	141										
13+	124	141	155										
ENERGY <u>Terry Swan</u> (409) 981-3245	Standard Offer (SOP)	Residential/ Small Commercial	◆				Small Project Program (SPP) and Large Project Program (LPP) offered for HVAC retrofits. Incentives are paid on the basis of deemed savings, which are standardized savings values or simple formulas for a wide range of measures in representative building types.						
		Commercial/ Industrial	◆				To receive incentives an eligible sponsor installs energy efficiency measures at a customers' facility to achieve at least 20 kW of demand reduction during the summer peak. Minimum required equipment for HVAC must meet ASHRAE 90.1-1999. Incentives paid in \$/kWh saved.						
	Air Conditioning Distributor MTP	◆					This program is open to manufacturer distributors of air conditioning equipment. Qualifying equipment must be less than 20 tons in size. Units less than 5.5 tons must be Energy Star® qualified with a minimum 13 SEER. Units 5.5 to 20 tons must comply with ASHRAE 90.1 with a minimum 10 EER. Incentives paid to distributors.						

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ONCOR <u>Mike Stockard</u> (214) 486-5426	Standard Offer (SOP)	Residential/ Small Commercial	◆					Small Project Program (SPP) and Large Project Program (LPP) offered for HVAC retrofits. Incentives are paid on the basis of deemed savings, which are standardized savings values or simple formulas for a wide range of measures in representative building types.						
		Commercial/ Industrial	◆					To receive incentives an eligible sponsor installs energy efficiency measures at a customers' facility to achieve at least 20 kW of demand reduction during the summer peak. Minimum required equipment for HVAC must meet ASHRAE 90.1-1999. Incentives paid in \$/kWh saved.						
	Air Conditioning Distributor MTP	◆						This program is open to manufacturer distributors of air conditioning equipment. Qualifying equipment must be less than 20 tons in size. Units less than 5.5 tons must be Energy Star® qualified with a minimum 13 SEER. Units 5.5 to 20 tons must comply with ASHRAE 90.1 with a minimum 10 EER. Incentives paid to distributors.						
NORTHEAST														
BURLINGTON ELECTRIC <u>Loren Doe</u> (802) 865-7341	Existing Business Facilities	◆				◆		Prescriptive program uses Cool Choice (facilitated by NEEP) to provide incentives for efficient HVAC equipment.	Air	92	73	79	n/a	Dual Enthalpy Economizer
	Business New Construction (Custom)	◆	◆			◆		<ul style="list-style-type: none"> - Free consultation during the initial concept and planning stages to assist with identifying possible energy-efficient systems alternatives. - Up-front payment for an engineering study, up-front payment of design services, assistance in locating appropriate consultants, engineers, manufacturers and local distributors. - Financial assistance offered to implement features exceeding the projects designed energy-efficiency levels. Commissioning incentives provided as well. 	Water	81			n/a	
CAPE LIGHT COMPACT <u>Kevin Galligan</u> (508) 375-6828	Products and Services	◆		◆		◆		Program uses two NEEP programs: Cool Choice for incentives for efficient HVAC equipment and Builder Operator Certification (BOC) for training and certification for energy efficiency improvements.	Air	92	73	79	n/a	Dual Enthalpy Economizer
	New Construction	◆	◆			◆		Program offers prescriptive and custom incentives. Incentives are designed to cover up to 80% of the incremental cost of the efficiency measure, or to buy down the cost of the equipment to a 1 ½ year payback period. This program also offers design incentives to cover 50-100% of incremental architectural and design costs for efficiency improvements.	Water	81			n/a	
	Retrofits	◆	◆			◆		Qualified customers are provided with education, technical assistance, and commissioning services.						

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CONNECTIV POWER DELIVERY <u>Mike Roddy</u> (717) 629-9709	HVAC Program	◆	◆		◆		HVAC equipment incentives defined by Cool Choice.	Air	92	73	79	n/a	Dual Enthalpy Economizer
	Smart Start Buildings	◆	◆		◆		New Jersey statewide program that uses a three step process: Step 1: Pre-design Brainstorming (Design Incentive of up to \$1,000); Step 2: Design Simulation (Design Incentive of \$5,000 or more); Step 3: Detailed Analysis of Energy-Efficiency Measures Note: Architects, engineers, and other design professionals eligible to receive design incentives.	Water	81			n/a	
EFFICIENCY VERMONT <u>Daniel Gaherty</u> (888) 921-5990	Cool Choice	◆			◆		This jointly sponsored program administered by NEEP promotes cooling efficiency through benefits and incentives to customers and contractors. Outreach to manufacturers and distributors as well.	Air	92	73	79	n/a	Dual Enthalpy Economizer
	Building Efficiently	◆	◆		◆		<u>Building or Construction Incentives</u> for high efficiency equipment upgrades are based on the incremental cost of the high efficiency equipment compared to standard equipment ; estimated potential energy savings of proposed equipment; estimated simple payback of proposed upgrade; integration of efficient upgrade <u>Design Incentives</u> are determined at the beginning of the design process. They are often used to help with costs for added project meetings, integrated heating, ventilation and cooling system sizing and system selection, and whole-building energy simulation modeling.	Water	81			n/a	
JERSEY CENTRAL POWER AND LIGHT - A FIRST ENERGY COMPANY <u>Mike Roddy</u> (717) 629-9709	Equipment Replacement and Retrofit	◆	◆		◆		HVAC equipment incentives defined by Cool Choice. Technical assistance provided for defining the best HVAC strategy.	Air	92	73	79	n/a	Dual Enthalpy Economizer
	Smart Start Buildings	◆	◆		◆		New Jersey statewide program that uses a three step process: Step 1: Pre-design Brainstorming (Design Incentive of up to \$1,000); Step 2: Design Simulation (Design Incentive of \$5,000 or more); Step 3: Detailed Analysis of Energy-Efficiency Measures Note: Architects, engineers, and other design professionals eligible to receive design incentives.	Water	81				
LONG ISLAND POWER AUTHORITY <u>Gary Krieger</u> (631) 436-5745	Commercial Construction Program	◆	◆	◆	◆		Program offers both a prescriptive, custom and comprehensive approach. For prescriptive needs, incentives provided for off-the-shelf- equipment that can easily be integrated into an existing building.	Air	92	73	79	n/a	n/a
	Commercial Energy Analysis		◆				Free energy audit of existing equipment as well as a potential energy savings analysis of making improvements in areas such as HVAC and more.	Water	88				
	Building Commissioning	◆	◆			◆	Building Commissioning is offered to verify equipment is operating correctly (Pilot Project Stage)						

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NATIONAL GRID USA – (MASSACHUSETTS ELECTRIC, NANTUCKET ELECTRIC, NARRAGANSETT ELECTRIC) <u>Michael McAteer</u> (508) 421-7225	Design 2000plus	HVAC Incentives	◆			◆	Program uses Cool Choice for incentives for efficient HVAC equipment and for other prescriptive measures additional incentive forms provided.	Air	92	73	79	n/a	Dual Enthalpy Economizers
		Water	81										
		New Construction /Remodeling	◆				◆	<ul style="list-style-type: none"> - Financial incentives to help defray the cost of more energy efficient equipment and systems - Design incentives to allow engineers and architects to evaluate energy efficiency options through technical assistance - Commissioning Services to verify that newly installed systems are operating according to specifications - Buyers' Alliance to help participant's purchase energy efficient lighting at fixed, low prices. - ProjectExpediter provide a turnkey service, helping you to identify energy efficiency opportunities in your facility 					
		Building Operator Certification				◆	◆	Sponsor of the NEEP program - Builder Operator Certification (BOC) for training and certification of contractors for energy efficiency improvements.					
NEW HAMPSHIRE ELECTRIC COOP <u>Jim Bakas</u> (603) 536-8631	NH Saves	New Equipment/ Construction	◆	◆		◆	HVAC incentives offered at two tier levels. Custom projects also available for incentives based upon payback period. Technical assistance offered including project evaluation, and commissioning.	Tier 1	AC55 HP125	AC38 HP38	AC43 HP43	All sizes water HP \$45/ton	
		Small/Large Commercial Retrofits	◆	◆		◆	Small business and commercial facilities can attain services for custom HVAC applications based upon payback period and potential savings. For small businesses incentives provided for programmable thermostats.	Tier 2	AC92 HP0	AC73 HP73	AC79 HP79	All sizes water HP \$81/ton	
NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AGENCY <u>Priscilla Richards</u> (518) 862-1090		\$mart Equipment Choices	◆	◆		◆	Incentives offered for CEE Tier 2 level air-source equipment, and CEE Tier 1 and CEE Tier 2 level water-source equipment.	Air	40	40	40	n/a	Dual Enthalpy Economizers, DCV Sensors
		Water	62/140	56/127	43/96								
		New Construction Program	◆	◆			◆	◆	Incentives for pre-qualified CEE Tier 2 level air-source equipment, and CEE Tier 1 and CEE Tier 2 level water-source equipment, custom measures, or whole building design approaches are paid for new construction projects. Maximum capital cost incentive per building project is \$400,000 with a single measure capital cost incentive cap of \$250,000.				
		Commercial Performance Program	◆	◆		◆	◆	Performance-based incentives to contractors implementing cost-effective electrical efficiency improvements or summer demand reduction measures. Unitary HVAC incentive rates are \$0.06 a kilowatt hour of annual savings. The minimum project size is a project that yields an incentive of at least \$5,000.					

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NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AGENCY Priscilla Richards (518) 862-1090 (CONTINUED)	Demand Control Ventilation Project	◆	◆	◆		◆	Building owners and managers will be provided information to better understand the benefits of the technology and weigh the value of increased efficiency when making purchase decisions. Participating contractors that install DCVs are eligible for incentives that will be calculated using the energy savings as a basis for the incentive amount at each specific installation. Contractors must also verify that the economizer is functioning properly.						
	Commercial Performance Program	◆	◆			◆	Performance-based incentives to contractors implementing cost-effective electrical efficiency improvements or summer demand reduction measures. Unitary HVAC incentive rates are \$0.06 a kilowatt hour of annual savings. The minimum project size is a project that yields an incentive of at least \$5,000.						
	Xenergy Project	◆	◆			◆	◆	Small commercial project training contractors in the use of advanced portable diagnostics. The contractors are then eligible to receive an incentive for each use of the measurement for a customer and an additional incentive if the customer does any corrective work. This also provides NYSEDA pre and post measurements for verification. Phase II of this work will potentially evaluate and undertake economizer maintenance options.					
NSTAR ELECTRIC (BOSTON EDISON, CAMBRIDGE ELECTRIC AND COMMONWEALTH ELECTRIC) Ed McGlynn (781) 441-8709	Cool Choice	◆				◆	Provides incentives for equipment replacement involving unitary HVAC equipment up to 30 tons.	Air	92	73	79	n/a	Dual Enthalpy Economizers
	Small Business Solutions	◆	◆			◆	This program provides HVAC "Tune Up" services for small business customers with an average monthly demand <100 kW. Part of these services includes providing customers with an instrumental diagnostic test of their HVAC equipment.	Water	81				
	Construction Solutions	◆	◆			◆	This program provides technical assistance, financial incentives and commissioning services for all time dependent opportunities. Standard incentives are based on 75% of the incremental cost differential between standard base line equipment and high-efficiency equipment with higher incentives available for comprehensive design. Both prescriptive and custom incentives are available. CEE Tier II specifications are required for new construction applications for unitary HVAC units up to 30 tons.						
	Business Solutions	◆	◆			◆	This program provides technical assistance and financial incentives for retrofitting existing HVAC equipment and systems. Custom incentives are based on 50% of the total project cost, with higher incentives available for comprehensive system/facility upgrades. In addition, O&M services are addressed via re-commissioning services.						
PUBLIC SERVICE ELECTRIC AND GAS Richard Hoernlein (973) 430-7886	Equipment Replacement /Retrofit	◆	◆			◆	Promotes HVAC equipment incentives defined by Cool Choice. Technical assistance provided for defining the best HVAC strategy.	Air	92	73	79	n/a	Dual Enthalpy Economizer
	Smart Start Buildings	◆	◆			◆	New Jersey statewide program that uses a three step process: Step 1: Pre-design Brainstorming (Design Incentive of up to \$1,000); Step 2: Design Simulation (Design Incentive of \$5,000 or more); Step 3: Detailed Analysis of Energy-Efficiency Measures Note: Architects, engineers, and other design professionals eligible to receive design incentives.	Water	81			n/a	

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PUBLIC SERVICE OF NEW HAMPSHIRE – A NORTHEAST UTILITIES COMPANY <u>Randy Dixon</u> (603) 634-2292	NH Saves New Equipment/ Construction	◆	◆		◆		HVAC incentives offered at two tier levels. Custom projects also available for incentives based upon payback period. Technical assistance offered including project evaluation, and commissioning.	Tier 1	AC55 HP125	AC38 HP38	AC43 HP43	All sizes water HP \$45/ton	
								Tier 2	AC92 HP0	AC73 HP73	AC79 HP79	All sizes water HP \$81/ton	
	Small/Large Commercial Retrofits	◆	◆		◆		Small business and commercial facilities can attain services for custom HVAC applications based upon payback period and potential savings. For small businesses incentives provided for programmable thermostats.						
UNITED ILLUMINATING – A FIRST ENERGY COMPANY <u>Roy Haller</u> (888) 921-5990	Energy Blueprint and Energy Opportunities	◆				◆	Program uses Cool Choice (facilitated by NEEP) to provide incentives for efficient HVAC equipment.	Air	92	73	79	Dual Enthalpy Economizers	
								Water	81				
							New Construction and retrofit programs that address prescriptive and custom measures. Prescriptive HVAC measures are identified by Cool Choice; Custom incentives are paid 90% of the incremental cost or \$.10/kWh saved.						
UNITIL-FITCHBURG GAS AND ELECTRIC <u>Ed Mailloux</u> (603) 773-6541	Education and Training	◆		◆	◆		Program uses two NEEP programs: Cool Choice for incentives for efficient HVAC equipment and Builder Operator Certification (BOC) for training and certification for energy efficiency improvements.	Air	92	73	79	Dual Enthalpy Economizers	
								Water	81				
	Small/Large Business Services	◆			◆		New Construction and retrofit programs that address prescriptive and custom measures. Prescriptive HVAC measures are identified by Cool Choice; Custom incentives are paid 90% of the incremental cost or \$.10/kWh saved.						
WESTERN MASSACHUSETTS ELECTRIC COMPANY – A NORTHEAST UTILITIES COMPANY <u>John Walsh</u> (413) 787-9339	Express Services: HVAC Rebate	◆			◆		Program uses Cool Choice (facilitated by NEEP) to provide incentives for efficient HVAC equipment.	Air	92	73	79	n/a	Dual Enthalpy Economizers
								Water	81				
		New Construction /Custom Services	◆	◆		◆		Medium to large commercial customers can benefit from an energy audit and incentives based upon a comprehensive HVAC system improvement. These measures may qualify for cash incentives of 50 to one 100 percent of the incremental costs to upgrade from standard to higher-efficiency measures.					
	Tailored HVAC Program	◆	◆		◆		C&I customers considering the purchase or replacement of HVAC equipment 30 tons or larger or systems over 100 tons. Provides one-half of the study costs paid up front by WMECO. The customer's 50 percent share will be refunded following the installation of the recommended energy-saving measures.						