

ENERGY EFFICIENCY PROGRAM PLAN

2019-2021

Wallingford Electric
Division

Submitted to:

State of Connecticut Energy Efficiency Board

December 2018

TABLE OF CONTENTS

Executive Summary	Page 1
Residential Programs.....	Page 3
Commercial/Industrial/Government Programs.....	Page 5
Transmission Cost Reduction Pilot.....	Page 5
ISO-NE Demand Response Program.....	Page 6
Program Evaluation.....	Page 6
Communicating with Customers.....	Page 6
Program Data/Budgets.....	Page 7
Program Data/Savings & Cost Effectiveness.....	Page 8
Exhibit A.....	Page 10
Exhibit B.....	Page 12
Exhibit C.....	Page 14
Exhibit D.....	Page 16

EXECUTIVE SUMMARY

The Wallingford Electric Division ("WED"), established in 1899, is a municipal electric utility ("MEU") that serves the Town of Wallingford and the Northford section of the Town of North Branford. As of July 2018, the WED serves 25,000 customers.

The WED offers a diverse portfolio of energy efficiency and conservation products and services to all classes of electric customers by providing financial incentives and/or direct services delivered by experienced employees, contractors and vendors.

Recognizing the advantages of statewide program consistency to minimize potential contractor confusion, the WED's programs are designed to be compatible with the Energy Efficiency Board ("EEB") programs wherever economically feasible.

Highlights of the 2019 – 2021 Wallingford Electric Division Energy Efficiency Program Plan are as follows:

- The Home Energy Savings (HES) program will continue to be the primary residential program offering. The HES is a fuel blind program that takes the "whole house" approach to energy efficiency and is available to all residential customers.
- Through the Retail Efficient Lighting Incentive program, formerly the Negotiated Cooperative Purchase Plan, consumers are able to purchase certain LED bulbs at a discounted price at three area stores until June 30, 2020.
- Residential Prescriptive Programs offer customers the opportunity to receive rebates on the replacement/upgrade of existing equipment including:
 - Heat Pump Water Heater program offers a \$500 rebate to residential customers who install eligible energy efficient heat pump water heaters.
 - The Attic Insulation Rebate program is fuel-blind and the rebate is \$1.00/square foot of added attic insulation.
 - Heating & Cooling Rebate program offers rebates for qualified replacement high efficiency HVAC equipment equal to or less than 30 tons.

- Commercial/Industrial/Government Prescriptive Program offer customers the opportunity to receive rebates on newly purchased and installed energy efficient equipment including:
 - Heating & Cooling Rebate program offers rebates for qualified replacement high efficiency HVAC equipment equal to or less than 30 tons.
- Commercial/Industrial/Government Custom Equipment Replacement Incentive offers non-residential customers incentives for the replacement and/or retrofit of existing lighting and process equipment with energy efficient alternatives meeting specific energy savings and/or demand reduction criteria. The maximum incentive is 40% of the pre-tax cost of the project with 5 or less year payback.
- Marketing of energy efficiency programs is accomplished through website and newsletter articles, direct mailings, customer bill inserts, presence at community events, and utilization of the WED's business office personnel.

RESIDENTIAL PROGRAMS

Home Energy Savings

The Home Energy Savings (HES) program will continue to be the primary residential program. The WED utilizes Building Performance Institute trained and certified local contractors to perform all work associated with this program. The HES program addresses efficiency opportunities within areas of energy use including electric energy measures, building envelope improvements, water heating, and space heating and cooling efficiency measures.

Program elements include:

- Blower door testing before and after weatherization improvements.
- Duct testing and sealing.
- Replacement of incandescent lamps with LEDs where practical
- Domestic hot water efficiency devices and pipe insulation installation
- Additional attic insulation incentives where eligible.
- Assistance in locating contractor services.
- Quality control over contractor-provided services.
- Expanded and enhanced "kitchen table" discussion of energy efficiency recommendations.

The program targets all residential customers including single-family houses, multifamily and apartment/condominium complexes.

Prescriptive Equipment Replacement Rebate Program

- Heating & Cooling Rebate – In 2018, the WED enhanced both the incentive and qualifying efficiency threshold of its Heating & Cooling prescriptive rebate structure to be more in line with the investor-owned utilities. These program enhancements will continue for the duration of this Plan. Updates in both rebate levels and minimum efficiency threshold levels will be adjusted as warranted. Rebates will vary based on the efficiency and type of equipment installed (Exhibit A).
- Heat Pump Water Heater Rebate - A rebate of \$500 is available for qualifying heat pump water heaters with an Energy Factor of 3.0 or higher (Exhibit B).
- Attic Insulation Rebate - The Attic Insulation Rebate program offers a fuel-blind \$1.00/square foot rebate for the installation of attic insulation, up to the total purchase price of insulation, to all customers with existing attic insulation of R-19 or less (Exhibit C).

Retail Efficient Lighting Incentive

Residential lighting is pursued by the Wallingford Electric Division as a key energy savings strategy. This strategy is pursued through the continuation of the Retail Efficient Lighting Incentive, formerly the Negotiated Cooperative Purchase Program, operated through select, local major retail stores where upstream discounts on select LED lighting products are realized at the point of sale. The 2020 Federal Light Bulb Efficiency Standard Starting effective January 1, 2020 prohibits the sale of most incandescent and halogen lamps due the inability to meet the minimum 45 lumens/watt criteria. The impact of this new standard will be a significant decline in the cost effectiveness of residential lighting programs. Therefore, a phase-in period will be implemented the first six months of 2020 with the termination of this program effective the end of the WED's Fiscal Year on June 30, 2020.

COMMERCIAL/INDUSTRIAL/GOVERNMENT ("CIG") PROGRAMS

Prescriptive Equipment Replacement Rebate Programs

- Heating & Cooling Rebate – Rebate levels and minimum efficiency levels have been updated to reflect changes in the HVAC equipment marketplace, customer demand

and a prescriptive rebate structure more in line with similar programs offered by the investor-owned utilities. Rebates will vary based on the efficiency and type of equipment installed (Exhibit D).

Lighting and Process Equipment Replacement and Retrofit

This program provides technical and financial assistance for higher efficiency equipment and systems replacement. Program incentives, up to 40% of the pre-tax project costs, are based on the incremental cost for upgrading the efficiency of all types of customer equipment, such as lighting, air compressors, motors, pumps, air driers, large HVAC systems (greater than 30 tons) and other equipment.

Transmission Cost Reduction Pilot

The Wallingford Electric Division is collaborating with the Wallingford Water Division (“WWD”) in a pilot program to evaluate the effectiveness of curtailing key water pumping loads during anticipated transmission peak demand periods. The pilot entails the notification of WWD of forecasted peak transmission load periods. WED’s sharing of the cost savings realized by the reduction in ISO-NE transmission charges, would be the financial incentive for WWD to curtail load during peak transmission demand periods forecasted. This cost reduction through load management approach may be expanded to include additional municipal customers in 2019-2020 and eventually large C&I customers by the end of 2021.

ISO-NE Demand Response Program

The Wallingford Electric Division has entered into a Service Agreement with Gopal Technologies Inc. d/b/a CPower of Baltimore, Maryland to facilitate and manage completed energy efficiency projects in the ISO-NE Forward Capacity Market as an On-Peak Demand Resource. The Service Agreement will produce a revenue stream that could be used as an additional funding for energy efficiency and conservation projects and/or to offset Wallingford Electric Division’s power purchase costs.

PROGRAM EVALUATION

The WED will continue to participate in specific program evaluations relevant to the Plan offerings to influence future program design. WED has collaborated with Optimal Energy

and investor owned utilities Eversource and United Illuminating in its effort to design new and/or modified existing energy efficiency programs.

All projects and purchases eligible for rebates or incentives are subject to pre-installation and post-installation inspections at the discretion of the WED. Mandatory pre-and post-installation inspections are done on all Custom and Comprehensive projects.

COMMUNICATING WITH CUSTOMERS

The WED will continue to use a variety of direct customer contact methods for the Plan period. These proven communication vehicles will keep attention focused on energy efficiency and increase further awareness of available programs. The WED applies targeted tools to communicate with specific customer groups. Examples include:

- Quarterly newsletters with informative articles on energy efficiency and direct mailings that promote energy efficiency strategies.
- Energy efficiency on-hold messages for Business Office callers.
- Lobby signage and brochures on display at the Business Office and other municipal buildings.
- Information and responses to customer inquiries by WED staff.
- Participation in public events including Celebrate Wallingford and the North Branford Potato and Corn Festival.

The WED has dedicated pages for energy efficiency within the website for the Town of Wallingford. These pages provide information on the WED's various energy efficiency programs, as well as links to other helpful websites. Included are www.energizect.com, www.ctcleanenergy.com, www.energystar.gov, as well as links to several residential lighting related websites.

PROGRAM DATA

BUDGETS

The following table outlines the planned spending by program for 2019 through 2021. Total budgets are \$1,525,000 for each of the three years, respectively, including a line item for renewables. Retail energy sales are predicted to be flat for the next three years so the overall budget does not change. In all three program years approximately sixty percent

(60%) of the spending is focused on the Commercial/Industrial/Government sectors and forty percent (40%) in the Residential sector. The budgets are considered guidelines and there is flexibility to apply funding to programs as customer demand dictates. The budgets include all costs of planning, administration and evaluation activities.

Programs	2019	2020	2021	Total Spending
Residential				
Home Energy Savings (see Note 1)	\$450,000	\$475,000	\$500,000	\$1,425,000
Retail Efficiency Lighting	\$50,000	\$25,000	\$0	\$75,000
Prescriptive Rebate Programs				
• Heat Pump Water Heater	\$12,000	\$12,000	\$12,000	\$36,000
• Heating and Cooling	\$50,000	\$50,000	\$50,000	\$150,000
• Attic Insulation	\$44,000	\$44,000	\$44,000	\$132,000
Subtotal - Residential	\$606,000	\$606,000	\$606,000	\$1,818,000
COMMERCIAL/INDUSTRIAL/GOVERNMENT				
Prescriptive Rebate Programs (HVAC < 30 Tons)	\$40,000	\$40,000	\$40,000	\$120,000
Lighting Fixture, Control Replacement, Retrofit	\$644,000	\$644,000	\$644,000	\$1,932,000
Process Enhancement Equipment	\$200,000	\$200,000	\$200,000	\$600,000
HVAC (> 30 Tons)	\$25,000	\$25,000	\$25,000	\$75,000
Subtotal – Commercial/Industrial	\$909,000	\$909,000	\$909,000	\$2,727,000
RENEWABLES	\$10,000	\$10,000	\$10,000	\$30,000
Total – All Programs	\$1,525,000	\$1,525,000	\$1,525,000	\$4,575,000

*NOTE 1 – HES budget includes anticipated annual proceeds from Regional Greenhouse Gas Initiatives totaling \$50,000.

SAVINGS AND COST EFFECTIVENESS

The following table shows the projected savings and cost-effectiveness of the proposed 2019-2021 plan. The portfolio is both cost-effective from both a total resource and a utility cost perspective. From the total resource perspective, total benefits are approximately \$8.1 million, with a benefit-cost ration of 1.2. The Home Energy Savings and Attic Insulation Prescriptive and Rebate Programs are not cost-effective from a utility BCR perspective (\$1.22/kWh and \$6.58/kWh, respectively) however they provide important participant and societal benefits, including participant financial savings from reductions in non-electric fuels.

Program	Energy Savings (MWh)	Summer Capacity Savings (kW)	Winter Capacity Savings (kW)	TRC Benefits	TRC BCR	Utility BCR
RESIDENTIAL						
Home Energy Savings	1,170	118	182	\$1,717,322	1.1	0.5
Retail Efficiency Lighting	690	79	122	\$259,801	1.1	3.7
Prescriptive Rebate Programs (Note 1)	382	185	37	\$625,699		
• Heat Pump Water Heater	137	19	25	\$91,470	2.2	2.8
• Heating and Cooling	225	166	0	\$273,366	1.6	2.0
• Attic Insulation	20	0	12	\$260,863	1.7	0.1
Subtotal - Residential	2,242	382	341	\$2,602,823		
COMMERCIAL/INDUSTRIAL						
Prescriptive Rebate Programs (HVAC < 30 Tons)	211	21	0	\$139,640	1.0	1.3
Lighting Fixture, Control Replacement, Retrofit	5,587	1,052	946	\$3,895,748	1.1	2.2
Process Enhancement Equipment	1,926	195	230	\$1,376,629	1.3	2.5
HVAC (> 30 Tons)	241	24	0	\$158,844	1.2	2.3
Subtotal – Commercial/Industrial	7,965	1,292	1,176	\$5,570,861		
RENEWABLES						
Total – All Programs	10,207	1,674	1,517	\$8,173,684	1.2	1.7

Note 1: The total energy and capacity savings for the individual Heat Pump Water Heater, Heating and Cooling and Attic Insulation programs are summarized under Residential - Prescriptive Rebate Programs.



WALLINGFORD ELECTRIC DIVISION RESIDENTIAL ELECTRIC HEATING & COOLING SYSTEM REBATE

Valid for all Wallingford Electric Division ("WED") residential electric service customers ("Customer") who purchase and install a qualifying high efficiency electric heating and/or cooling system ("System") on or after January 1, 2019 through December 31, 2021. All Electric Residential Heating and Cooling System Rebate requests ("Application") with required documentation must be postmarked no later than January 31, 2022.

TO APPLY FOR YOUR REBATE, READ THE PROGRAM REQUIREMENTS ON REVERSE SIDE BEFORE PROCEEDING.

INSTRUCTIONS: Please fill out this Application completely, truthfully and accurately and mail it together with the required items outlined in the Supporting Documentation Checklist below to:

Energy Efficiency Programs, Wallingford Electric Division, 100 John Street, Wallingford, CT 06492

CUSTOMER INFORMATION

First Name (please print)	Last Name	City	State	Zip
Address (where equipment was installed)		Telephone	Email	
City	State	Electric Account Number (as stated on bill)		Sq. Ft. Heated/Cooled Space
Mailing Address (if different from above)		Type of Installation (check one)		
		<input type="checkbox"/> New Installation (existing home) <input type="checkbox"/> Replacement (of existing system)		

NEW EQUIPMENT INFORMATION (This section to be completed by contractor)

EQUIPMENT C = Central A/C H = Heat Pump	Install Date	Manufacturer/Brand	Model Numbers (Condenser, Coil & Fan)	Tonnage	SEER	EER	HSPF	# of Units	AHRI Ref. No.	Total Rebate*
Example: C	12/31/2018	XYZ, Inc.	Condenser Model	2	16	13	10	1	1234567	\$250
			Coil Model							
			Fan Model							

*If more than two lines are needed for New Equipment, a second rebate form may be used.

INSTALLING HVAC CONTRACTOR INFORMATION

HVAC Contractor Name	Contractor License Number
Address	
City	State Zip
Telephone Number	Fax Number
()	()
E-mail Address	

SUPPORTING DOCUMENTATION CHECKLIST**

- Completed Electric Residential Heating and Cooling System Rebate Form
- Contractor Invoice and Paperwork Listing:
 - Purchase Price Condenser Make & Model Number
 - Equipment Type Coil Make & Model Number
 - Date of Purchase Fan Make & Model Number
 - Address Where Equipment was Installed

AHRI Certificate (located online at www.AHRIDirectory.org)

Recent Electric Bill

Mail to: Energy Efficiency Programs
 Wallingford Electric Division
 100 John Street
 Wallingford, CT 06492

** These items must accompany each Application. Be sure to make a copy of your rebate form for your records.

SIGN HERE

By signing this form below, I certify that all the information described on this Application and all documents provided with this Application are accurate and true and that I have read and understand the Wallingford Electric Division Electric Residential Heating and Cooling System Rebate Program guidelines and TERMS AND CONDITIONS on the back of this form. By signing this Application form, I further certify that the qualifying System is installed for use in the Connecticut residential address stated.

Customer Signature (required)	Date	Contractor Signature (required)	Date
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

TERMS AND CONDITIONS

ELIGIBILITY: Rebates are available to all existing Wallingford Electric Division ("WED") residential electric service customers ("Customer") who purchase and install an eligible high efficiency electric heating and/or cooling system ("System") on or after January 1, 2019 through December 31, 2021. System must be installed by a licensed contractor. Eligible Systems are: electric central air conditioning and air source heat pump systems of MATCHED ASSEMBLY in which both the condenser unit and the evaporator coil are installed simultaneously. A matched assembly is a model combination that is listed in the AHRI Directory of Certified Product Performance. A matched assembly shall also include the air handler; furnace; or other component that is used to determine the rating according to ANSI/AHRI STANDARD 210/240-2008 found at www.ahridirectory.org.

APPLICATION OFFER: The Wallingford Electric Division ("WED") Residential Electric Heating and Cooling System Rebate program ("Program") covers eligible Systems purchased and installed on or after January 1, 2019 through December 31, 2021. Details of this Program, including rebate levels, are subject to change or cancellation without prior notice. This Wallingford Electric Division Residential Electric Heating and Cooling System Rebate Form ("Application") with required documentation must be postmarked by January 31, 2022. Funding for this Program is limited to the period indicated or while funds last. For more information, please call (203) 294-2280.

PROOF OF PURCHASE: A contractor's invoice listing the date of purchase, condenser, coil and fan model and serial numbers, the purchased system type and make, the AHRI¹ certificate number (a published manufacturer's certificate indicating the installed assembly was tested under AHRI test conditions and includes the SEER², EER³ and HSPF⁴ ratings is acceptable in lieu of the AHRI certificate) verifying System as a matched assembly, and a copy of your recent electric utility bill must accompany each rebate Application.

APPLICATION: This Application must be filled out completely, truthfully and accurately. The Customer and contractor must each sign the completed Application and it must be submitted along with the PROOF OF PURCHASE requirements listed above. Total incentive payment cannot exceed 50% of the total installation cost of the equipment.

PAYMENT: Please allow 6 to 8 weeks for payment. Payment processing may take longer if information is missing on the Application. Please call (203) 294-2280 if you have any questions about your rebates.

APPROVAL AND VERIFICATION: WED reserves the right to verify sales transaction and to have reasonable access to your residence to inspect the System installed under this Program prior to issuing rebates for up to one year after date of Application. WED makes no warranties or representations of any

kind, whether statutory, expressed, or implied for the performance or installation of the equipment as a result of the approval and verification process. The Customer also grants WED the right to confidentially share account number information internally for rebate processing procedures.

TAX LIABILITY: WED will not be responsible for any tax liability that may be imposed on the Customer as a result of the payment of rebates.

ENDORSEMENT: WED does not endorse any particular manufacturer, contractor, vendor, product, retailer or system design in promoting this Program.

LIMITATION OF LIABILITY: WED's liability is limited to paying the rebates specified. WED is not liable for any damages arising out of or resulting from participation in this rebate offer, including but not limited to loss of profits, loss of revenues, failure to realize expected savings, loss of data, loss of business opportunity, or similar losses of any kind, as well as any indirect, incidental, punitive, special, or consequential damages, or for any damages in tort connected with or resulting from participation in this Program.

Applicant understands that all funding for rebates under this program derives from the Energy Conservation Fund which is managed, in part, by WED and funded, in part, by their customers. WED does not guarantee the availability of funding for the program and is not responsible for any costs or damages incurred by applicant if funding for this program or the Energy Conservation Fund is reduced or eliminated. Funding is subject to change at any time without notice.

OWNER'S CERTIFICATION: Owner certifies that he/she has purchased the system listed on the other side of this Application and the System was installed by a licensed contractor at the defined location. Owner agrees that all information is true and that he/she has conformed to all Program and System requirements listed.

WARRANTIES: WED DOES NOT WARRANT THE PERFORMANCE OF INSTALLED SYSTEM, EXPRESSLY OR IMPLICITLY. WED makes no warranties or representations of any kind, whether statutory, expressed, or implied, including without limitations, warranties of merchantability or fitness for a particular purpose regarding the System or services provided by a manufacturer, contractor or vendor. Contact your retailer, manufacturer, vendor or contractor for details regarding System performance and warranties.

FORWARD CAPACITY MARKET AND CLASS III CREDITS: ISO-NE CAPACITY PAYMENTS: By signing this document, and as a condition to receiving a rebate pursuant to this program, the customer acknowledges and agrees that any and all payments, benefits and/or credits associated with or applicable to the customer's participation in the program that is the subject of this Agreement in connection with the ISO New England, Inc. Forward Capacity Market ("FCM") or any existing, successor or replacement markets, (including, but not limited to, any and all transitional FCM credits or payments or any and all other capacity-related credits, payments and/or benefits for which such customer is eligible) shall be deemed as and form capacity payments, credits and/or benefits of WED. The customer hereby assigns to WED all of its right, title and interest in and to any and all such capacity payments, credits and/or benefits, and agrees to take any and all action, including executing and delivering any and all documentation and/or instruments, as requested by WED to evidence the same. FCM means the market for procuring capacity pursuant to ISO-NE Tariff, FERC Electric Tariff No. 3, Section III, Market Rule 1, Section 13, any modifications to the FCM, or any successor or replacement market/capacity procurement process.

CLASS III CONSERVATION CREDITS: Any Class III renewable energy credits and/or conservation credits received in connection with this program shall be retained by WED pursuant to the laws of the State of Connecticut as of the date hereof.

MINIMUM EFFICIENCY LEVELS / REBATE SCHEDULES

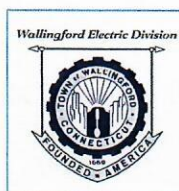
Eligible Systems	Minimum Efficiency For Rebate	Rebate Per System
AHRI Rated Central Air Conditioning Split System	16 SEER / 12.5 EER	\$250
AHRI Rated Air Source Heat Pump Split Systems	16 SEER / 12.5 EER / 10 HSPF	\$500
AHRI Rated Mini Split Heat Pump Systems — Single Indoor Unit	20 SEER / 12.5 EER / 9 HSPF	\$300
AHRI Rated Mini Split Heat Pump Systems — Multiple Indoor Unit	18 SEER / 12.5 EER / 9 HSPF	\$500

¹ AHRI — Air Conditioning, Heating and Refrigeration Institute. All equipment must be rated in the AHRI Air Conditioners and Air Conditioner Coils or Heat Pumps and Heat Pump Coils directories. Both can be found online at www.AHRIdirectory.org.

² SEER — Seasonal Energy Efficiency Ratio

³ EER — Energy Efficiency Ratio

⁴ HSPF — Heating and Seasonal Performance Factor



Wallingford Electric Division
100 John Street, Wallingford, CT 06492
(203)-294-2280



WALLINGFORD ELECTRIC DIVISION

RESIDENTIAL

ENERGY STAR® HEAT PUMP WATER HEATER REBATE*

* UP TO \$500 PER RESIDENTIAL ELECTRIC ACCOUNT

Valid for all Wallingford Electric Division ("WED") residential electric service customers ("Customer") who purchase and install a qualifying ENERGY STAR Heat Pump Water Heater ("Systems") with an energy factor of 3.0 or greater on or after January 1, 2019 through December 31, 2021. All Heat Pump Water Heater Rebate requests ("Application") with required documentation must be postmarked no later than January 31, 2022.

TO APPLY FOR YOUR REBATE, READ THE PROGRAM REQUIREMENTS ON REVERSE SIDE BEFORE PROCEEDING.

INSTRUCTIONS: Please fill out this Application completely, truthfully and accurately and mail it together with the required items outlined in the Supporting Documentation Checklist below to:

Energy Efficiency Programs, Wallingford Electric Division, 100 John Street, Wallingford, CT 06492

CUSTOMER INFORMATION

First Name (please print)	Last Name	City	State	Zip
Address (where equipment was installed)		Telephone	Email	
City	State	Zip	Electric Account Number (as stated on bill)	
Mailing Address (if different from above)				

NEW EQUIPMENT INFORMATION (This section to be completed by contractor)

Equipment	Install Date	Manufacturer/Brand	Model Numbers	Energy Factor	Total Rebate*

INSTALLING HVAC CONTRACTOR INFORMATION (IF APPLICABLE)

HVAC Contractor Name	Contractor License Number
Address	
City	State Zip
Telephone Number	Fax Number
E-mail Address	
Federal ID Number	

SUPPORTING DOCUMENTATION CHECKLIST**

- Completed \$500 Residential ENERGY STAR Heat Pump Water Heater Rebate Form
- Contractor Invoice and Paperwork Listing:
 - Purchase Price
 - Heat Pump Water Heater Model Number
 - Equipment Type
 - Date of Purchase
 - Address Where Equipment was Installed

Recent Electric Bill
 Mail to: Energy Efficiency Programs
 Wallingford Electric Division
 100 John Street
 Wallingford, CT 06492

** These items must accompany each Application. Be sure to make a copy of your rebate form for your records.

SIGN HERE

By signing this form below, I certify that all the information described on this Application and all documents provided with this Application are accurate and true and that I have read and understand the Wallingford Electric Division Residential ENERGY STAR Heat Pump Water Heater Rebate Program guidelines and TERMS AND CONDITIONS on the back of this form. By signing this Application form, I further certify that the qualifying System is installed for use at the Connecticut residential address stated.

Customer Signature (required)	Date	Contractor Signature (required)	Date
-------------------------------	------	---------------------------------	------

TERMS AND CONDITIONS

ELIGIBILITY: Rebates are available to all existing Wallingford Electric Division ("WED") residential electric service customers ("Customer") who purchase and install an ENERGY STAR® Heat Pump Water Heater on or after January 1, 2019 through December 31, 2021. Eligible measure must be installed in the Wallingford Electric Division (WED) service territory and in the premises indicated on this rebate application between January 1, 2019 and December 31, 2019. Total incentive cannot exceed 50% of the total cost of the eligible ENERGY STAR Heat Pump Water Heater.
Limit: One rebate per residential electric account.

APPLICATION OFFER: The Wallingford Electric Division ("WED") Residential ENERGY STAR Heat Pump Water Heater Rebate program ("Program") covers eligible Systems purchased and installed on or after January 1, 2019 through December 31, 2021. Details of this Program, including rebate levels, are subject to change or cancellation without prior notice. This Wallingford Electric Division Residential ENERGY STAR Heat Pump Water Pump Rebate Form ("Application") with required documentation must be postmarked by January 31, 2022. Funding for this Program is limited to the period indicated or while funds last. For more information, please call (203) 294-2280.

PROOF OF PURCHASE: A contractor's invoice listing the date of purchase, heat pump water heater model number, manufacturer or brand, install date and a copy of your recent electric utility bill must accompany each rebate Application.

APPLICATION: This Application must be filled out completely, truthfully and accurately. The Customer and contractor must each sign the completed Application and it must be submitted along with the PROOF OF PURCHASE requirements listed above. Total incentive payment cannot exceed \$500 or 50% of the total cost, whichever is less, of the heat pump water heater.

PAYMENT: Please allow 6 to 8 weeks for payment. Payment processing may take longer if information is missing on the Application. Please call (203) 294-2280 if you have any questions about your rebates.

APPROVAL AND VERIFICATION: WED reserves the right to verify sales transaction and to have reasonable access to the residence to inspect the System installed under this Program prior to issuing rebates for up to one year after date of Application. WED makes no warranties or representations of any kind, whether statutory, expressed, or implied for the performance or installation of the equipment as a result of the approval and verification process. The Customer

also grants WED the right to confidentially share account number information internally for rebate processing procedures.

TAX LIABILITY: WED will not be responsible for any tax liability that may be imposed on the Customer as a result of the payment of rebates.

ENDORSEMENT: WED does not endorse any particular manufacturer, contractor, vendor, product, retailer or system design in promoting this Program.

LIMITATION OF LIABILITY: WED's liability is limited to paying the rebates specified. WED is not liable for any damages arising out of or resulting from participation in this rebate offer, including but not limited to loss of profits, loss of revenues, failure to realize expected savings, loss of data, loss of business opportunity, or similar losses of any kind, as well as any indirect, incidental, punitive, special, or consequential damages, or for any damages in tort connected with or resulting from participation in this Program.

Applicant understands that all funding for rebates under this program derives from the Energy Conservation Fund which is managed, in part, by WED and funded, in part, by its customers. WED does not guarantee the availability of funding for the program and is not responsible for any costs or damages incurred by applicant if funding for this program or the Energy Conservation Fund is reduced or eliminated. Funding is subject to change at any time without notice.

OWNER'S CERTIFICATION: Owner certifies that he/she has purchased the System listed on the other side of this Application and the System was installed by a licensed contractor at the defined location. Owner agrees that all information is true and that he/she has conformed to all Program and System requirements listed.

WARRANTIES: WED DOES NOT WARRANT THE PERFORMANCE OF INSTALLED SYSTEM, EXPRESSLY OR IMPLICITLY. WED makes no warranties or representations of any kind, whether statutory, expressed, or implied, including without

limitations, warranties of merchantability or fitness for a particular purpose regarding the System or services provided by a manufacturer, contractor or vendor. Contact your retailer, manufacturer, vendor or contractor for details regarding System performance and warranties.

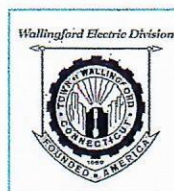
FORWARD CAPACITY MARKET AND CLASS III CREDITS: ISO-NE CAPACITY PAYMENTS:

By signing this document, and as a condition to receiving a rebate pursuant to this program, the customer acknowledges and agrees that any and all payments, benefits and/or credits associated with or applicable to the customer's participation in the program that is the subject of this Agreement in connection with the ISO New England, Inc. Forward Capacity Market ("FCM") or any existing, successor or replacement markets, (including, but not limited to, any and all transitional FCM credits or payments or any and all other capacity-related credits, payments and/or benefits for which such customer is eligible) shall be deemed as and form capacity payments, credits and/or benefits of WED. The customer hereby assigns to WED all of its right, title and interest in and to any and all such capacity payments, credits and/or benefits, and agrees to take any and all action, including executing and delivering any and all documentation and/or instruments, as requested by WED to evidence the same. FCM means the market for procuring capacity pursuant to ISO-NE Tariff, FERC Electric Tariff No. 3, Section III, Market Rule 1, Section 13, any modifications to the FCM, or any successor or replacement market/capacity procurement process.

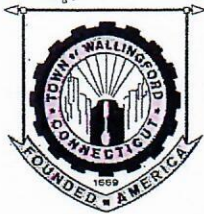
CLASS III CONSERVATION CREDITS: Any Class III renewable energy credits and/or conservation credits received in connection with this program shall be retained by WED pursuant to the laws of the State of Connecticut as of the date hereof.

MINIMUM EFFICIENCY LEVEL / INCENTIVE SCHEDULE

Equipment Type	Minimum Efficiency For Incentive	Incentive
ENERGY STAR Heat Pump Water Heater	Energy Factor 3.0 or Greater	\$500



Wallingford Electric Division
 100 John Street, Wallingford, CT 06492
 (203)-294-2280



WALLINGFORD ELECTRIC DIVISION

RESIDENTIAL

ATTIC INSULATION REBATE*

* UP TO \$1.00 PER SQUARE FOOT

Valid for all Wallingford Electric Division ("WED") residential electric service customers ("Customer") who purchase and install attic insulation on or after January 1, 2019 through December 31, 2021. All Residential Attic Insulation Rebate requests ("Application") with required documentation must be postmarked no later than January 31, 2022.

TO APPLY FOR YOUR REBATE, READ THE PROGRAM REQUIREMENTS ON REVERSE SIDE BEFORE PROCEEDING.

Customers must have participated in the Home Energy Solutions ("HES") Program to be eligible for the Wallingford Electric Division ("WED") Residential Attic Insulation Program.

INSTRUCTIONS: Please fill out this Application completely, truthfully and accurately and mail it together with a copy of the contractor's invoice to:

Energy Efficiency Programs, Wallingford Electric Division, 100 John Street, Wallingford, CT 06492

CUSTOMER INFORMATION

First Name (please print)	Last Name	City	State	Zip
<input type="text"/>		<input type="text"/>		
Address (where equipment was installed)		Telephone	Email	
<input type="text"/>		<input type="text"/>		
City	State	Zip	Electric Account Number (as stated on bill)	Sq. Ft. Heated/Cooled Space
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Mailing Address (if different from above)				
<input type="text"/>				

INSULATION INFORMATION (HES technician completes this section)

Install Date	Material	Existing Insulation R-Value Must be R-19 or less	Recommended R-Value Must be R-38 or greater	Ventilation Type or NSF	Square Footage
	Fiberglass	19	38	Attic	900

Note: Be sure to enclose a copy of the contractor invoice.

* The final rebate amount cannot exceed the actual cost of the completed attic insulation and will be determined by the technician at the time of the post-installation inspection.

Heating Fuel	Estimated Rebate Amount (Multiply Square Footage by \$1.00)
<input type="text"/>	<input type="text"/>
HES Technician Name (please print)	Job Number
<input type="text"/>	<input type="text"/>
Technician Signature	Date
<input type="text"/>	<input type="text"/>

SIGN HERE

By signing this form below, I certify that all the information described on this Application and all documents provided with this Application are accurate and true and that I have read and understand the Wallingford Electric Division Attic Insulation Rebate Program guidelines and TERMS AND CONDITIONS on the back of this form. By signing this Application form, I further certify that the qualifying System is installed for use in the Connecticut residential address stated.

Customer Signature (required)	Date	Contractor Signature (required)	Date
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

TO BE COMPLETED BY HES TECHNICIAN AT POST-INSTALLATION INSPECTION

Technician Signature (required)	Date	FINAL REBATE AMOUNT
<input type="text"/>	<input type="text"/>	<input type="text"/>
Calculations / Comments		
<input type="text"/>		

TERMS AND CONDITIONS

ELIGIBILITY: Rebates up to \$1.00 per square foot are available to all existing Wallingford Electric Division ("WED") residential electric service customers ("Customer") who purchase and install attic insulation ("Products") on or after January 1, 2019 through December 31, 2021. The products must be installed in the WED service territory. Initial R-Value must be R-19 or less in order to be eligible for insulation rebate. In addition, the R-Value of the completed attic space, once installed, must be R-38 or greater in order to be eligible for the rebate.

APPLICATION OFFER: The Wallingford Electric Division ("WED") Residential Attic Insulation Rebate program ("Program") covers eligible Products purchased and installed on or after January 1, 2019 through December 31, 2021. Details of this Program, including rebate levels, are subject to change or cancellation without prior notice. This Wallingford Electric Division Residential Attic Insulation Rebate Form ("Application") with required documentation must be postmarked by January 31, 2022. Funding for this Program is limited to the period indicated or while funds last. For more information, please call (203) 294-2280.

PROOF OF PURCHASE: A contractor's invoice listing the type of insulation, amount, areas insulated and ventilation installed, and date of installation.

APPLICATION: This Application must be filled out completely, truthfully and accurately. The Customer and contractor must each sign the completed Application and it must be submitted along with the PROOF OF PURCHASE requirements listed above. Total incentive payment cannot exceed 100% of the total installation cost of the attic insulation.

PAYMENT: Please allow 6 to 8 weeks for payment. Payment processing may take longer if information is missing on the Application. Please call (203) 294-2280 if you have any questions about your rebates.

APPROVAL AND VERIFICATION: WED reserves the right to verify sales transaction and to have reasonable access to the residence to inspect the Products installed under this Program prior to issuing rebates for up to one year after date of Application. WED makes no warranties or representations of any kind, whether statutory, expressed, or implied for the performance or installation of the Products as a result of the approval and verification process. The Customer also grants WED the right to confidentially share

account number information internally for rebate processing procedures.

TAX LIABILITY: WED will not be responsible for any tax liability that may be imposed on the Customer as a result of the payment of rebates.

ENDORSEMENT: WED does not endorse any particular manufacturer, contractor, vendor, product, retailer or system design in promoting this Program.

LIMITATION OF LIABILITY: WED's liability is limited to paying the rebates specified. WED is not liable for any damages arising out of or resulting from participation in this rebate offer, including but not limited to loss of profits, loss of revenues, failure to realize expected savings, loss of data, loss of business opportunity, or similar losses of any kind, as well as any indirect, incidental, punitive, special, or consequential damages, or for any damages in tort connected with or resulting from participation in this Program.

Applicant understands that all funding for rebates under this program derives from the Energy Conservation Fund which is managed, in part, by WED and funded, in part, by its customers. WED does not guarantee the availability of funding for the program and is not responsible for any costs or damages incurred by applicant if funding for this program or the Energy Conservation Fund is reduced or eliminated. Funding is subject to change at any time without notice.

OWNER'S CERTIFICATION: Owner certifies that he/she has purchased the Products listed on the other side of this Application and the Products was installed by a licensed contractor at the defined location. Owner agrees that all information is true and that he/she has conformed to all Program and Products requirements listed.

WARRANTIES: WED DOES NOT WARRANT THE PERFORMANCE OF INSTALLED SYSTEM, EXPRESSLY OR IMPLICITLY. WED makes no warranties or representations of any kind, whether

statutory, expressed, or implied, including without limitations, warranties of merchantability or fitness for a particular purpose regarding the System or services provided by a manufacturer, contractor or vendor. Contact your retailer, manufacturer, vendor or contractor for details regarding System performance and warranties.

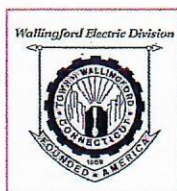
FORWARD CAPACITY MARKET AND CLASS III CREDITS: ISO-NE CAPACITY PAYMENTS:

By signing this document, and as a condition to receiving a rebate pursuant to this program, the customer acknowledges and agrees that any and all payments, benefits and/or credits associated with or applicable to the customer's participation in the program that is the subject of this Agreement in connection with the ISO New England, Inc. Forward Capacity Market ("FCM") or any existing, successor or replacement markets, (including, but not limited to, any and all transitional FCM credits or payments or any and all other capacity-related credits, payments and/or benefits for which such customer is eligible) shall be deemed as and form capacity payments, credits and/or benefits of WED. The customer hereby assigns to WED all of its right, title and interest in and to any and all such capacity payments, credits and/or benefits, and agrees to take any and all action, including executing and delivering any and all documentation and/or instruments, as requested by WED to evidence the same. FCM means the market for procuring capacity pursuant to ISO-NE Tariff, FERC Electric Tariff No. 3, Section III, Market Rule 1, Section 13, any modifications to the FCM, or any successor or replacement market/capacity procurement process.

CLASS III CONSERVATION CREDITS: Any Class III renewable energy credits and/or conservation credits received in connection with this program shall be retained by WED pursuant to the laws of the State of Connecticut as of the date hereof.

MINIMUM EFFICIENCY LEVEL / INCENTIVE SCHEDULE

Equipment Type	Minimum Efficiency For Incentive	Incentive
Attic Insulation	R-38 or Greater	Up to \$1.00 per square foot



Wallingford Electric Division
 100 John Street, Wallingford, CT 06492
 (203)-294-2280



WALLINGFORD ELECTRIC DIVISION COMMERCIAL & INDUSTRIAL ELECTRIC HEATING & COOLING SYSTEM REBATE

Valid for all Wallingford Electric Division ("WED") commercial and industrial electric service customers ("Customer") who purchase and install a qualifying high efficiency heating and/or cooling system ("System") on or after January 1, 2019 through December 31, 2021. All Commercial & Industrial Electric Heating and Cooling System Rebate requests ("Application") with required documentation must be postmarked no later than January 31, 2022.

TO APPLY FOR YOUR REBATE, READ THE PROGRAM REQUIREMENTS ON REVERSE SIDE BEFORE PROCEEDING.

INSTRUCTIONS: Please fill out this Application completely, truthfully and accurately and mail it together with the required items outlined in the Supporting Documentation Checklist below to:

Energy Efficiency Programs, Wallingford Electric Division, 100 John Street, Wallingford, CT 06492

CUSTOMER INFORMATION

First Name (please print)	Last Name	City	State	Zip
<input type="text"/>		<input type="text"/>		
Address (where equipment was installed)				
<input type="text"/>				
City	State	Zip	Telephone	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Mailing Address (if different from above)		Electric Account Number (as stated on bill)		
<input type="text"/>		Sq. Ft. Heated/Cooled Space		
		Type of Installation (check one)		
		<input type="checkbox"/> New Installation (existing building) <input type="checkbox"/> Replacement (of existing system)		

NEW EQUIPMENT INFORMATION (This section to be completed by contractor)

EQUIPMENT C = Central A/C H = Heat Pump	Install Date	Manufacturer/Brand	Model Numbers (Condenser, Coil & Fan)	Tonnage	SEER	EER	HSPF	# of Units	AHRI Ref. No.	Total Rebate*
Example: C	12/31/2018	XYZ, Inc.	Condenser Model	2	16	13	10	1	1234567	\$250
			Coil Model							
			Fan Model							

*If more than two lines are needed for New Equipment, a second rebate form may be used.

INSTALLING HVAC CONTRACTOR INFORMATION

HVAC Contractor Name	Contractor License Number
<input type="text"/>	<input type="text"/>
Address	
<input type="text"/>	
City	State Zip
<input type="text"/>	<input type="text"/>
Telephone Number	Fax Number
()	()
E-mail Address	
<input type="text"/>	
Federal ID Number	
<input type="text"/>	

SUPPORTING DOCUMENTATION CHECKLIST**

- Completed Electric Commercial and Industrial Heating and Cooling System Rebate Form
 - Contractor Invoice and Paperwork Listing:
 - Purchase Price Condenser Make & Model Number
 - Equipment Type Coil Make & Model Number
 - Date of Purchase Fan Make & Model Number
 - Address Where Equipment was Installed
 - AHRI Certificate (located online at www.AHRIDirectory.org)
 - Recent Electric Bill
- Mail to: Energy Efficiency Programs
 Wallingford Electric Division
 100 John Street
 Wallingford, CT 06492

** These items must accompany each Application. Be sure to make a copy of your rebate form for your records.

SIGN HERE

By signing this form below, I certify that all the information described on this Application and all documents provided with this Application are accurate and true and that I have read and understand the Wallingford Division Electric Commercial and Industrial Electric Heating and Cooling System Rebate Program guidelines and TERMS AND CONDITIONS on the back of this form. By signing this Application form, I further certify that the qualifying System is installed for use in the Connecticut commercial or industrial address stated.

Customer Signature (required)	Date	Contractor Signature (required)	Date
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

TERMS AND CONDITIONS

ELIGIBILITY: Rebates are available to all existing Wallingford Electric Division ("WED") commercial and industrial electric service customers ("Customer") who purchase and install an eligible high efficiency heating and/or cooling system ("System") on or after January 1, 2019 through December 31, 2021. System must be installed by a licensed Contractor. Eligible Systems are: single packaged units, split electric central air conditioning and split air source heat pump systems of MATCHED ASSEMBLY in which both the condenser unit and the evaporator coil are installed simultaneously and dual enthalpy economizer controls when installed with new, qualifying equipment. A matched assembly is a model combination that is listed in the AHRI Directory of Certified Product Performance. A matched assembly shall also include the air handler; furnace; or other component that is used to determine the rating according to ANSI/AHRI STANDARD 210/240-2008 found at www.ahridirectory.org.

APPLICATION OFFER: The Wallingford Electric Division ("WED") Commercial and Industrial Electric Heating and Cooling System Rebate program ("Program") covers eligible Systems purchased and installed on or after January 1, 2019 through December 31, 2021. Details of this Program, including rebate levels, are subject to change or cancellation without prior notice. This Wallingford Electric Division Commercial and Industrial Electric Heating and Cooling System Rebate Form ("Application") with required documentation must be postmarked by January 31, 2022. Funding for this Program is limited to the period indicated or while funds last. For more information, please call (203) 294-2280.

PROOF OF PURCHASE: A contractor's invoice listing the date of purchase, condenser, coil and fan model and serial numbers, the purchased system type and make, the AHRI certificate number (a published manufacturer's certificate indicating the installed assembly was tested under AHRI test conditions and includes the SEER, EER and HSPF ratings is acceptable in lieu of the AHRI certificate) verifying System as a matched assembly, and a copy of your recent electric utility bill must accompany each rebate Application.

APPLICATION: This Application must be filled out completely, truthfully and accurately. The Customer and contractor must each sign the completed Application and it must be submitted along with the PROOF OF PURCHASE requirements listed above. Total incentive payment cannot exceed 50% of the total installation cost of the equipment.

PAYMENT: Please allow 6 to 8 weeks for payment. Payment processing may take longer if information is missing on the Application. Please call (203) 294-2280 if you have any questions about your rebates.

APPROVAL AND VERIFICATION: Pre-approval from WED reserves the right to verify sales transaction and to have reasonable access to your business to inspect the System installed under this Program prior to issuing rebates for up to one year after date of Application. WED makes no warranties

or representations of any kind, whether statutory, expressed, or implied for the performance or installation of the equipment as a result of the approval and verification process. The Customer also grants WED the right to confidentially share account number information internally for rebate processing procedures.

TAX LIABILITY: WED will not be responsible for any tax liability that may be imposed on the Customer as a result of the payment of rebates.

ENDORSEMENT: WED does not endorse any particular manufacturer, contractor, vendor, product, retailer or system design in promoting this Program.

LIMITATION OF LIABILITY: WED's liability is limited to paying the rebates specified. WED is not liable for any damages arising out of or resulting from participation in this rebate offer, including but not limited to loss of profits, loss of revenues, failure to realize expected savings, loss of data, loss of business opportunity, or similar losses of any kind, as well as any indirect, incidental, punitive, special, or consequential damages, or for any damages in tort connected with or resulting from participation in this Program.

Applicant understands that all funding for rebates under this program derives from the Energy Conservation Fund which is managed, in part, by WED and funded, in part, by their customers. WED does not guarantee the availability of funding for the program and is not responsible for any costs or damages incurred by applicant if funding for this program or the Energy Conservation Fund is reduced or eliminated. Funding is subject to change at any time without notice.

OWNER'S CERTIFICATION: Owner certifies that he/she has purchased the system listed on the other side of this Application and the System was installed by a licensed contractor at the defined location. Owner agrees that all information is true and that he/she has conformed to all Program and System requirements listed.

WARRANTIES: WED DOES NOT WARRANT THE PERFORMANCE OF INSTALLED SYSTEM, EXPRESSLY OR IMPLICITLY. WED makes no warranties or representations of any kind, whether statutory, expressed, or implied, including without limitations, warranties of merchantability or fitness for a particular purpose regarding the System or services provided by a manufacturer, contractor or vendor. Contact your retailer, manufacturer, vendor or contractor for details regarding System performance and warranties.

FORWARD CAPACITY MARKET AND CLASS III CREDITS: ISO-NE CAPACITY PAYMENTS: By signing this document, and as a condition to receiving a rebate pursuant to this program, the customer acknowledges and agrees that any and all payments, benefits and/or credits associated with or applicable to the customer's participation in the program that is the subject of this Agreement in connection with the ISO New England, Inc. Forward Capacity Market ("FCM") or any existing, successor or replacement markets, (including, but not limited to, any and all transitional FCM credits or payments or any and all other capacity-related credits, payments and/or benefits for which such customer is eligible) shall be deemed as and form capacity payments, credits and/or benefits of WED. The customer hereby assigns to WED all of its right, title and interest in and to any and all such capacity payments, credits and/or benefits, and agrees to take any and all action, including executing and delivering any and all documentation and/or instruments, as requested by WED to evidence the same. FCM means the market for procuring capacity pursuant to ISO-NE Tariff, FERC Electric Tariff No. 3, Section III, Market Rule 1, Section 13, any modifications to the FCM, or any successor or replacement market/capacity procurement process.

CLASS III CONSERVATION CREDITS: Any Class III renewable energy credits and/or conservation credits received in connection with this program shall be retained by WED pursuant to the laws of the State of Connecticut as of the date hereof.

MINIMUM EFFICIENCY LEVELS / REBATE SCHEDULES

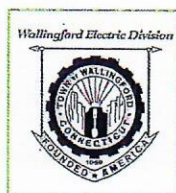
Unitary & Split System HVAC Equipment (including ductless split systems)		Tier 1		Tier 2	
Size		Minimum Qualifying	Rebate	Minimum Qualifying	Rebate
Tons	BTUs	SEER/EER	\$/Ton	SEER/EER	\$/Ton
< 5.4	< 65,000	15.0 SEER	\$200	15.5 SEER	\$300
≥ 5.4 to < 20	≥ 65,000 to < 240,000	12.0 EER	\$200	12.3 EER	\$300
≥ 20 to 30	≥ 240,000 to 375,000	10.5 EER	\$200	10.8 EER	\$300

Air Source Heat Pump Equipment			Tier 1		Tier 2	
Size		Type	Minimum Qualifying	Rebate	Minimum Qualifying	Rebate
Tons	BTUs		SEER/EER/HSPF	\$/Ton	SEER/EER/HSPF	\$/Ton
< 5.4	< 65,000	Split System	15.0 SEER and 9.0 HSPF	\$200	15.5 SEER and 9.0 HSPF	\$300
		Single Package	14.0 SEER and 8.0 HSPF	\$200	15.5 SEER and 9.0 HSPF	\$300
≥ 5.4 to < 20	≥ 65,000 to 240,000	All	11.5 EER	\$200	None	None

Water Source Heat Pump		Minimum Qualifying EER	Rebate/Ton
Tons	BTUs		
< 20	< 240,000	14.0	\$300

HVAC CONTROLS

- Dual enthalpy economizer controls are eligible for \$250 per unit rebate.
- Rebates for economizer controls available only when installed with new qualifying HVAC units.
- Rebates for controls applicable to Unitary Systems only and must have electric air conditioning.



Wallingford Electric Division
100 John Street, Wallingford, CT 06492
(203)-294-2280