



Business Energy Saver Program

Commercial & Industrial Retrofit Application, Instructions and Guidelines

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Application Instructions and Guidelines

Program is offered from June 1 to September 30, 2021 or until funds are exhausted.

Incentive values and measures may be modified or terminated at any time without prior notice.

Follow This Easy Process

STEP 1

Verify Your Eligibility

- Applicant must verify that they are a business customer of PSE&G.
- Project must include a facility improvement that results in an upgrade to electric or gas energy efficiency (kWh or therms) and/or a permanent reduction in electric or gas energy usage.
- All equipment must be installed in facilities served by PSE&G, with a valid PSE&G account number on an eligible PSE&G non-residential rate.
- See the Resources page at BizSave.PSEG.com

STEP 2

Submit Your Application to Reserve Funds

There are several ways to do this.



Submit application online at:
BizSave.PSEG.com



Email completed application to:
PSEenergysaver@dnv.com



Fax completed application to:
833-249-7734

- Incentive funds will be reserved when your application is approved.
- Complete customer and facility information sections on this application.
- Complete the measure worksheets in this application for each measure that you are installing.
- For some projects, a pre-installation inspection will be required. Most projects require documentation of the equipment being replaced.
- Incentive funds are reserved for 90 days. Contact the PSE&G Business Energy Saver Program team for specific questions regarding funding reservations and extensions.

STEP 3

Install Equipment or Perform Project Work

- The equipment installed must meet or exceed the specifications and requirements found in the measures tables and detailed in the Program Measure Catalog. Equipment must be installed within the program period.

STEP 4

Submit Final Application

- Submit a Final Application within 60 days of project completion, but no later than September 30, 2021. Include the following documentation with your Final Application: Customer/contractor information, facility information, a signed Final Application, itemized invoices, specifications and an updated scope of work.
- The program team will review your Final Application. For some projects, a final inspection will be part of the final review.
- The program team will send incentive checks four to six weeks after your Final Application is approved.

Have questions? Contact the program team at 844-300-PSEG (7734).

Incentive Application Checklist

Pre Application

- Incentive application completed
- PSE&G account # or copy of current PSE&G bill
- Documentation of existing equipment such as photos, inventories, etc.
- New Equipment Specifications/Cut Sheets

Final Application

- Signed Final Application agreement
- Documentation of new and existing equipment such as photos, inventories, etc.
- Equipment Specifications/Cut Sheets (if scope has changed)
- Itemized invoice

Project Summary

Measure Category	Total Estimated Incentives
Retrofit Lighting	
Lighting Controls	
HVAC	
Compressed Air Systems	
Heating Equipment	
Custom	
Estimated Incentives	

Incentive Application

Application Type

- Pre Application Final Application

Person Submitting Application

- Trade Ally Account holder (Project location)
 Other

Facility Information

PSE&G Account Holder Where The Work Is Being Performed

Project Name (if applicable)

Expected (or actual) Project Start Date

Expected (or actual) Project Completion Date

Business Type

- Commercial/industrial
 Data center
 Government/municipal
 Non-profit
 School
 Other

How Did You Hear About the Program?

- Email marketing Website submission form
 Organic search (google, bing, etc) Trade ally contractor
 Direct mail (bill insert, post card, newsletter, etc) Program referral
 Executive referral Paid adv (TV, radio, newspaper)
 Feet on street/canvassing Call campaign/Listing
 Other

How Do You Cool Your Facility?

- AC
 Chiller
 Heat pump
 No AC
 Other

How Do You Heat Your Facility?

- Gas furnace
 Boiler
 Electric resistance heating
 Fossil fuel heating
 Heat pump

Facility Age

- 0 - 10 51 - 60
 11 - 20 61 - 70
 21 - 30 71 - 80
 31 - 40 81 - 90
 41 - 50 91 - 100
 100+

Approximate Square Footage

Operating Hours

Location	M (0-24)	T (0-24)	W (0-24)	Th (0-24)	F (0-24)	Sa (0-24)	Su (0-24)	Weekly hours	Weeks of operation	Total annual hrs

Primary Building Type

- Assembly Lodging - motel Religious worship Retail - large
 Auto repair Multifamily low rise Restaurant - fast food School - community college
 Dormitory Multifamily high rise Restaurant - full service School - post secondary
 Hospital Office - large Retail - big box School - primary
 Light industrial Office - small Retail - grocery School - secondary
 Lodging - hotel Other Retail - small Warehouse

Name As It Appears on PSE&G Bill

PSE&G Account Number*

Mailing Address

City

State

ZIP

Installation Address

City

State

ZIP

Name (PSE&G Account Holder)

Title (PSE&G Account Holder)

Phone Number (PSE&G Account Holder)

Email (PSE&G Account Holder) - Required

*PSE&G account number where measure is installed.

Applicant Information

If you are assisting the PSE&G account holder with the application, complete this section. If you are a contractor performing the work complete the CONTRACTOR/TRADE ALLY section.

Name of Applicant's Business

Mailing Address	City	State	ZIP
Name (Applicant)	Title (Applicant)		
Phone Number	Email (Applicant) - Required		

Contractor/Trade Ally Information

Name of Contracting Company

Name of Contact Person	Title of Contact Person		
Contact Phone Number	Email (Contractor) - Required		
Mailing Address	City	State	ZIP

Final Customer Acknowledgment

As an eligible PSE&G non-residential customer, I certify that the energy efficiency equipment/project was purchased on or after June 1, 2021. The energy efficiency measures are for use in my non-residential facility and not for resale. Project documentation, including product specification sheets, and copies of dated invoices for the purchase and installation of the measures, is attached. I have attached any other documentation requirements as detailed in the Program Specification Document, or requested of me by the program team. Final applications and all documentation must be received by September 30, 2021, to be considered for the current program period.

I understand that the location or business name on the invoice must be consistent with the application information. I agree to verification by the utility or its representatives of both sales transactions and equipment installation.

I certify that the information on this application is true and correct.

I agree that if: (1) I do not install the related product(s) identified in my application, or (2) I remove the related product(s) identified in my application before a period of five years or the end of the product life, whichever is less, then I shall refund a prorated amount of incentive funds to PSE&G based on the actual period of time in which the related product(s) were installed and operating (or the full amount if the product was never installed). Any measure that I have installed in my facility must provide 100% of the energy benefits as stated in this application for a period of five years, or for the life of the product, whichever is less. I understand that this is necessary to assure that the project's related energy benefits will be achieved.

I understand that the program may be modified or terminated without prior notice.

I understand that final applications and all required documentation must be received by the PSE&G Business Energy Saver Program program within 60 days of project completion but no later than September 30, 2021, and that all equipment must be purchased and installed prior to submitting the final application.

I understand that this project must involve a facility improvement that results in improved energy efficiency and/or a permanent reduction in energy usage. I also understand that all materials removed, including lamps and PCB ballasts, must be permanently taken out of service and disposed of in accordance with all laws, including local codes and ordinances. I understand it is my responsibility to be aware of any applicable codes or ordinances, and that information about hazardous waste disposal can be found at: www.epa.gov/hw.

I understand that in no case will PSE&G pay more than 100% of the total costs of the project. I understand that PSE&G or its representatives have the right to ask for additional information at any time, and that PSE&G Business Energy Saver Program will make the final determination of incentive levels for this project.

I understand that my company may be recognized as a program participant in promotional materials; however, project details will not be released to the public without prior consent. If I choose to opt-out of any recognition, I will indicate my choice in a written letter to the PSE&G Business Energy Saver Program team via email to PSEGenergysaver@dnv.com.

I understand that PSE&G does not guarantee the energy savings and does not make any warranties associated with the measures eligible for incentives under this program, and further, that PSE&G has no obligations regarding and does not endorse or guarantee any claims, promises, work, or equipment made, performed, or furnished by any contractors or equipment vendors that sell or install any energy efficiency measures.

I understand that in the event the application was pre-approved and funds were reserved based upon the application, such pre-approval or reservation, including the specific dollar amount of reservation, did not represent a guarantee that such funds will be paid. Payment of incentives is based upon the final application and program Policies and Procedures, as well as the availability of funds. I have read and accept the PSE&G Business Energy Saver Program Policies and Procedures as they appear in this application.

I have read, understood and am in compliance with all rules and regulations concerning this incentive program. I certify that all information provided is correct to the best of my knowledge, and I give PSE&G permission to share my records with the New Jersey BPU, and agents, representatives and contractors it selects to manage, coordinate or evaluate the program. Additionally, I hereby authorize PSE&G to have reasonable access to my property to inspect the installation and performance of the equipment and installations that are eligible for incentives under the guidelines of the program. For more detail, see [Policies and Procedures](#).

Final Customer Acknowledgment

PSE&G may participate in the PJM Capacity Market* through the demand reductions achieved by the ECMs installed as part of this Program. Customer acknowledges and agrees that, for purposes of participating in the PJM Capacity Market, PSE&G shall own the rights to all such demand reductions without cost or obligation to Customer. PSE&G's ownership of the Project's demand reductions does not affect Customer's ownership of the ECMs nor the energy savings derived from the ECMs.

*PJM Capacity Market. PJM Interconnection is the regional transmission operator that coordinates the movement of wholesale electricity in all or parts of 13 states including New Jersey. PJM operates a competitive wholesale electricity market and manages the high-voltage electricity grid to ensure reliability for more than 61 million people. PJM holds regular capacity auctions to ensure there is sufficient generating capacity available to meet customer needs. Load reductions from ECMs are allowed to participate in these auctions as 'negative' generation.

As required by PJM, PSE&G reserves the right to perform measurement and verification ("M&V") at all participating facilities. PSE&G M&V activities at the Facility may, in PSE&G's sole discretion, include but not be limited to, meter installation, calibration and maintenance of M&V equipment, data gathering and screening, verification of M&V reports and the use of customer energy and cost savings, and billing information. PSE&G will notify Customer if an ECM installed at the Facility requires M&V, will inform Customer of the PSE&G M&V activities, and will work with Customer to minimize any adverse effects on Customer's normal operations. PSE&G, or its subcontractor, may audit the Facility to verify the operation of all installed ECMs for up to four (4) years following installation to ensure compliance with PJM Capacity Market rules and regulations. Customer shall cooperate with and support PSE&G's ownership of the demand reductions as set forth in this Paragraph.

For more information on Energy Performance Contracting for government entities, please visit the ESIP page at <https://njcleanenergy.com/commercial-industrial/programs/energy-savings-improvement-program>

FINAL APPLICATION AGREEMENT

Important: Please read the Policies and Procedures before signing and submitting this Final Application. You must complete all information and provide required additional documentation to avoid processing delays.

Completion Notice And Final Incentive Request

Name of Applicant's Business	Application Number (In Reservation Letter)	Estimated Incentives - Requested		
Mailing Address	City	State	Zip	
Print Name/Title	Date	Actual Completion Date		
Customer Signature (PSE&G Customer)	Customer Email (PSE&G Customer) - Required	Total Project Cost		

SIGNATURE ABOVE INDICATES CUSTOMER HAS READ AND AGREES TO FINAL CUSTOMER ACKNOWLEDGMENT ON THE NEXT PAGE. CUSTOMER SHOULD SIGN AND SUBMIT ONLY AFTER ALL EQUIPMENT HAS BEEN INSTALLED. A CUSTOMER SIGNATURE IS REQUIRED FOR PAYMENT. SIGNED APPLICATIONS RECEIVED BY FAX OR EMAIL WILL BE TREATED THE SAME AS ORIGINAL APPLICATIONS RECEIVED BY MAIL.

Retrofit Lighting

Ref #	Measure Name	Pre Fixture Description	Pre Watts Per Fixture	Post Watts Per Fixture	Incentive Per Unit	Unit	Quantity	Incentive Estimate
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DLC Interior Fixture& Retrofit Kits

L-E-1011	1 x 4 LED integrated retrofit kit				\$20	Fixture		
L-E-1012	1 x 4 LED new luminaire				\$20	Fixture		
L-E-1015	2 x 2 LED integrated retrofit kit				\$20	Fixture		
L-E-1016	2 x 2 LED new luminaire				\$20	Fixture		
L-E-1017	2 x 4 LED integrated retrofit kit				\$25	Fixture		
L-E-1018	2 x 4 LED new luminaire				\$25	Fixture		
L-E-1063	High bay Aisle Luminaire >250W				\$250	Fixture		
L-E-1064	High bay Aisle Luminaire ≤125W				\$75	Fixture		
L-E-1065	High bay Aisle Luminaire >125W & ≤250W				\$100	Fixture		
L-E-1066	High-Bay Luminaires for C&I Buildings >125W & ≤250W				\$100	Fixture		
L-E-1067	High-Bay Luminaires for C&I Buildings >250W				\$250	Fixture		
L-E-1068	High-Bay Luminaires for C&I Buildings ≤125W				\$75	Fixture		
L-E-1072	LED direct linear ambient 2 ft. retrofit kit				\$15	Fixture		
L-E-1073	LED direct linear ambient 4 ft. retrofit kit				\$15	Fixture		
L-E-1074	LED direct linear ambient 8 ft				\$15	Fixture		
L-E-1075	LED direct/indirect linear ambient 2 ft. new luminaire				\$15	Fixture		
L-E-1076	LED direct/indirect linear ambient 3 ft. new luminaire				\$20	Fixture		
L-E-1077	LED direct/indirect linear ambient 4 ft. new luminaire				\$25	Fixture		
L-E-1078	LED direct/indirect linear ambient 6 ft. new luminaire				\$30	Fixture		

Ref #	Measure Name	Pre Fixture Description	Pre Watts Per Fixture	Post Watts Per Fixture	Incentive Per Unit	Unit	Quantity	Incentive Estimate
L-E-1079	LED direct/indirect linear ambient 8 ft. new luminaire				\$30	Fixture		
L-E-1080	LED Track or Mono-point Directional Lighting Fixtures				\$30	Fixture		
L-E-1081	LED Wall-Wash Luminaries				\$30	Fixture		
L-E-1082	Low-Bay Luminaries for Commercial and Industrial Buildings >125W & ≤250W				\$100	Fixture		
L-E-1083	Low-Bay Luminaries for C&I Buildings >250W				\$250	Fixture		
L-E-1084	Low-Bay Luminaries for C&I Buildings ≤125W				\$75	Fixture		
L-E-1085	Retrofit Kits for High-Bay Luminaries for C&I Buildings > 125 - ≤250W				\$75	Fixture		
L-E-1086	Retrofit Kits for High-Bay Luminaries for C&I Buildings ≤125W				\$50	Fixture		
L-E-1087	Retrofit Kits for High-Bay Luminaries for Commercial and Industrial Buildings >250W				\$100	Fixture		
L-E-1088	Retrofit Kits for Low-Bay Luminaries for Commercial and Industrial Buildings ≤125W				\$50	Fixture		
L-E-1096	Display Case Luminaire				\$15	Fixture		

DLC Linear Replacement Lamps

L-E-1014	2' Replacement Lamp				\$3	Lamp		
L-E-1019	2G11 Base Lamps				\$5	Lamp		
L-E-1020	3' Replacement Lamp				\$5	Lamp		
L-E-1021	4' High Output Replacement Lamp				\$10	Lamp		
L-E-1022	4' Replacement Lamp				\$5	Lamp		
L-E-1023	8' Replacement Lamp				\$10	Lamp		
L-E-1071	Horizontally-Mounted Lamps				\$5	Lamp		
L-E-1089	U -Bend Lamp				\$5	Lamp		

Ref #	Measure Name	Pre Fixture Description	Pre Watts Per Fixture	Post Watts Per Fixture	Incentive Per Unit	Unit	Quantity	Incentive Estimate
L-E-1090	Vertically-Mounted Lamps				\$5	Lamp		
L-E-1104	1 Lamp External Driver Type C				\$2	Lamp		
L-E-1105	2 Lamp External Driver Type C				\$3	Lamp		
L-E-1106	3 Lamp External Driver Type C				\$5	Lamp		
L-E-1107	4 Lamp External Driver Type C				\$7.50	Lamp		
L-E-1108	6 Lamp External Driver Type C				\$10	Lamp		

DLC Exterior Fixtures

L-E-1001	LED Architectural Flood and Spot Luminaries				\$50	Fixture		
L-E-1002	LED Bollard Fixtures				\$50	Fixture		
L-E-1003	LED Fuel Pump Canopy				\$120	Fixture		
L-E-1004	LED Landscape/Accent Flood and Spot Luminaries				\$50	Fixture		
L-E-1005	LED Large Outdoor Pole/Arm-Mounted Area and Roadway Retrofit				\$150	Fixture		
L-E-1006	LED Outdoor Pole/Arm-Mounted Area and Roadway Luminaries				\$120	Fixture		
L-E-1007	LED Outdoor Pole/Arm-Mounted Decorative Luminaries				\$50	Fixture		
L-E-1008	LED Outdoor Wall-Mounted Area Luminaries				\$50	Fixture		
L-E-1009	LED Parking Garage Luminaries				\$120	Fixture		
L-E-1010	LED Stairwell and Passageway Luminaries				\$50	Fixture		

DLC Listed HID Replacement Lamps

L-E-1060	HID Replacement Lamp >250W				\$100	Fixture		
L-E-1061	HID Replacement Lamp ≤125W				\$50	Fixture		
L-E-1062	HID Replacement Lamp >125W - ≤250W				\$75	Fixture		

Ref #	Measure Name	Pre Fixture Description	Pre Watts Per Fixture	Post Watts Per Fixture	Incentive Per Unit	Unit	Quantity	Incentive Estimate
ENERGY STAR® Certified LED Bulb								
L-E-1024	ENERGY STAR LED Bulb - BR20				\$3	Lamp		
L-E-1025	ENERGY STAR LED Bulb - BR30				\$3	Lamp		
L-E-1026	ENERGY STAR LED Bulb - BR40				\$3	Lamp		
L-E-1027	ENERGY STAR LED Bulb - G16.5				\$2	Lamp		
L-E-1028	ENERGY STAR LED Bulb - G25				\$2	Lamp		
L-E-1029	ENERGY STAR LED Bulb - G30				\$2	Lamp		
L-E-1030	ENERGY STAR LED Bulb - G40				\$2	Lamp		
L-E-1031	ENERGY STAR LED Bulb - Other				\$1.50	Lamp		
L-E-1032	ENERGY STAR LED Bulb - PAR16				\$3	Lamp		
L-E-1033	ENERGY STAR LED Bulb - PAR20				\$3	Lamp		
L-E-1034	ENERGY STAR LED Bulb - PAR30				\$3	Lamp		
L-E-1035	ENERGY STAR LED Bulb - PAR40				\$3	Lamp		
L-E-1036	ENERGY STAR LED Bulb - R14				\$3	Lamp		
L-E-1037	ENERGY STAR LED Bulb - R16				\$3	Lamp		
L-E-1038	ENERGY STAR LED Bulb - R20				\$3	Lamp		
L-E-1039	ENERGY STAR LED Bulb - R30				\$3	Lamp		

ENERGY STAR Certified LED Fixtures

L-E-1040	ENERGY STAR LED Fixture - Accent Light Line Voltage				\$15	Fixture		
L-E-1041	ENERGY STAR LED Fixture - Bath Vanity				\$5	Fixture		
L-E-1042	ENERGY STAR LED Fixture - Ceiling Mount				\$5	Fixture		
L-E-1043	ENERGY STAR LED Fixture - Close to Ceiling Mount				\$5	Fixture		
L-E-1044	ENERGY STAR LED Fixture - Cove Mount				\$5	Fixture		
L-E-1045	ENERGY STAR LED Fixture - Decorative Pendant				\$5	Fixture		

Ref #	Measure Name	Pre Fixture Description	Pre Watts Per Fixture	Post Watts Per Fixture	Incentive Per Unit	Unit	Quantity	Incentive Estimate
L-E-1046	ENERGY STAR LED Fixture - Downlight Pendant				\$5	Fixture		
L-E-1047	ENERGY STAR LED Fixture - Downlight Surface Mount				\$5	Fixture		
L-E-1048	ENERGY STAR LED Fixture - Linear Strip				\$10	Fixture		
L-E-1049	ENERGY STAR LED Fixture - Other				\$5	Fixture		
L-E-1050	ENERGY STAR LED Fixture - Outdoor (Various Types)				\$5	Fixture		
L-E-1051	ENERGY STAR LED Fixture - Outdoor Pole-Mount				\$5	Fixture		
L-E-1052	ENERGY STAR LED Fixture - Pendant				\$5	Fixture		
L-E-1053	ENERGY STAR LED Fixture - Recessed Downlight				\$5	Fixture		
L-E-1054	ENERGY STAR LED Fixture - Security				\$5	Fixture		
L-E-1055	ENERGY STAR LED Fixture - Solid State Retrofit				\$5	Fixture		
L-E-1056	ENERGY STAR LED Fixture - Torchiere				\$5	Fixture		
L-E-1057	ENERGY STAR LED Fixture - Under Cabinet				\$10	Fixture		
L-E-1058	ENERGY STAR LED Fixture - Wall Sconces				\$5	Fixture		
L-E-1059	ENERGY STAR LED Fixture - Wrapped Lens				\$5	Fixture		

Refrigerated LED Case

L-E-1101	Refrigerated Case Lighting 4'				\$15	Fixture		
L-E-1102	Refrigerated Case Lighting 5'				\$20	Fixture		
L-E-1103	Refrigerated Case Lighting 6'				\$25	Fixture		

Retrofit Lighting Incentive Estimate

Lighting Controls

Ref #	Measure Name	Incentive per Unit	Unit	Quantity	Incentive Estimate
Standalone Controls					
L-E-1095	Daylight Dimming Control	\$0.15	Watt Controlled		
L-E-1099	Exterior Lighting Control – Integrated	\$0.15	Watt Controlled		
L-E-1100	Occupancy Dimming Control	\$0.10	Watt Controlled		
L-E-1094	Occupancy Sensor for High bay – Remote Mounted	\$0.10	Watt Controlled		
L-E-1091	Occupancy/Vacancy Sensor – Integrated	\$0.10	Watt Controlled		
L-E-1093	Occupancy/Vacancy Sensor – Remote Mounted	\$0.10	Watt Controlled		
L-E-1092	Occupancy/Vacancy Sensor – Wall Mounted	\$0.10	Watt Controlled		
Lighting Controls Incentive Estimate					

HVAC

Final Incentives for prescriptive projects including measures such as HVAC require that 100% of the building systems, as described in the mechanical project scope documents, are operating.

Eligibility will be verified during an inspection, at which time either of the following two conditions are confirmed:

- 1.) The equipment listed in the mechanical project scope documents is installed and operating in a manner consistent with an occupied space
- 2.) The equipment listed in the mechanical project scope documents is installed and operating in a manner consistent with an unoccupied space (e.g., HVAC equipment energized and responding to heating and cooling loads).

Equipment will not be eligible if it is installed, but not operating (e.g. heat pumps are installed but turned off). For projects where a subset of equipment is ineligible, the customer has the option to delay project finalization and energy savings calculation until an agreed-upon future date (when more equipment may be operating and eligible). At that time, a follow up inspection will occur to determine final equipment eligibility and incentive amount. If the decision is made to finalize the project as-is, final incentives will be based on an updated lighting worksheet and/or reduced quantity of eligible equipment.

NOTE - If your equipment is rated in BTU, please use the following equation to determine tons for input into these tables:
 $XX \text{ BTU} / 12,000 = \text{Tons}$

Ref #	Measure Name	Incentive Per Unit	Unit	Qualifying Efficiency	Actual Efficiency	Tons	Quantity	Incentive Estimate
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PTHP

H-E-1052	PTHP	\$45	Tons	EER	12.810			
				COP	3.456			
H-E-1052	PTHP	\$45	Tons	EER	12.810			
				COP	3.456			
H-E-1052	PTHP	\$45	Tons	EER	12.810			
				COP	3.456			

Ref #	Measure Name	Incentive Per Unit	Unit	Qualifying EER	Actual EER	Tons	Quantity	Incentive Estimate
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PTAC

H-E-1042	PTAC	\$40	Tons	9.975				
H-E-1042	PTAC	\$40	Tons	9.975				
H-E-1042	PTAC	\$40	Tons	9.975				

Ref #	Size Category	Qualifying Efficiency	Installed Efficiency	Unit Size (tons)	Quantity	Incentive per unit	Incentive Estimate
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Air Source Heat Pump

H-E-1017	< 5.4 tons Single Package - Tier 1	14.3 SEER				\$50	
		8.2 HSPF					
H-E-1018	< 5.4 tons Single Package - Tier 2	15.5 SEER				\$100	
		8.5 HSPF					
H-E-1019	< 5.4 tons Split System - Tier 1	14.3 SEER				\$60	
		8.4 HSPF					
H-E-1020	< 5.4 tons Split System - Tier 2	15.5 SEER				\$100	
		8.5 HSPF					
H-E-1015	≥ 5.4 and < 11.25 tons Split and Single Package - Tier 1	11.5 EER				\$50	
		12.2 IEER					
		3.4 COP					
H-E-1016	≥ 5.4 and < 11.25 tons Split and Single Package - Tier 2	12.1 EER				\$100	
		12.8 IEER					
		3.5 COP					

Ref #	Size Category	Qualifying Efficiency	Installed Efficiency	Unit Size (tons)	Quantity	Incentive per unit	Incentive Estimate
H-E-1011	≥11.25 and < 20 tons Split and Single Package - Tier 1	11.5 EER				\$60	
		11.6 IEER					
		3.3 COP					
H-E-1012	≥11.25 and < 20 tons Split and Single Package - Tier 2	11.7 EER				\$100	
		15.0 IEER					
		3.3 COP					
H-E-1013	≥ 20.00 tons Split and Single Package - Tier 1	9.5 EER				\$60	
		10.6 IEER					
		3.2 COP					
H-E-1014	≥ 20.00 tons Split and Single Package - Tier 2	9.7 EER				\$100	
		12.0 IEER					
		3.2 COP					

Single Package Vertical AC

H-E-1063	< 5.4 tons Tier 1	10.2 EER				\$30	
H-E-1064	< 5.4 tons Tier 2	10.7 EER				\$50	
H-E-1067	≥ 5.4 and < 11.25 tons Tier 1	10.2 EER				\$30	
H-E-1068	≥ 5.4 and < 11.25 tons Tier 2	10.7 EER				\$50	
H-E-1065	≥11.25 and < 20 tons Tier 1	10.2 EER				\$30	
H-E-1066	≥11.25 and < 20 tons Tier 2	10.7 EER				\$50	

Single Package Vertical HP

H-E-1069	< 5.4 tons Tier 1	10.2 EER				\$30	
		3.1 COP					
H-E-1070	< 5.4 tons Tier 2	10.7 EER				\$50	
		3.2 COP					
H-E-1073	≥ 5.4 and < 11.25 tons Tier 1	10.2 EER				\$30	
		3.1 COP					
H-E-1074	≥ 5.4 and < 11.25 tons Tier 2	10.7 EER				\$50	
		3.2 COP					
H-E-1071	≥11.25 and < 20 tons Tier 1	10.2 EER				\$30	
		3.1 COP					
H-E-1072	≥11.25 and < 20 tons Tier 2	10.7 EER				\$50	
		3.2 COP					

Ground and Water Source HP

H-E-1035	Ground Source Heat Pump, ≤11.25 Tons, Tier 1	18.4 EER				\$50	
		3.7 COP					
H-E-1036	Ground Source Heat Pump, ≤11.25 Tons, Tier 2	22.0 EER				\$100	
		3.9 COP					
H-E-1037	Ground Water Source Heat Pump, ≤11.25 Tons, Tier 1	14.4 EER				\$50	
		3.2 COP					
H-E-1038	Ground Water Source Heat Pump, ≤11.25 Tons, Tier 2	18 EER				\$100	
		3.6 COP					
H-E-1106	Water Source Heat Pump, ≤1.4 Tons, Tier 1	12.4 EER				\$50	
		4.0 COP					

Ref #	Size Category	Qualifying Efficiency	Installed Efficiency	Unit Size (tons)	Quantity	Incentive per unit	Incentive Estimate
H-E-1107	Water Source Heat Pump, <=1.4 Tons , Tier 2	14.0 EER				\$100	
		4.8 COP					
H-E-1108	Water Source Heat Pump, >1.4 Tons & <=5.4 Tons, Tier 1	13.3EER				\$50	
		4.3 COP					
H-E-1109	Water Source Heat Pump, >1.4 Tons & <=5.4 Tons, Tier 2	15.0 EER				\$100	
		4.5 COP					
H-E-1110	Water Source Heat Pump, >5.4 Tons & <=11.25 Tons, Tier 1	13.3 EER				\$50	
		4.3 COP					
H-E-1111	Water Source Heat Pump, >5.4 Tons & <=11.25 Tons, Tier 2	15.0 EER				\$100	
		4.5 COP					

Air Cooled - Unitary HVAC

H-E-1081	< 5.4 tons Single Package - Tier 1	14.3 SEER				\$25	
H-E-1082	< 5.4 tons Single Package - Tier 2	16.0 SEER				\$50	
H-E-1083	< 5.4 tons Split System - Tier 1	14.0 SEER				\$25	
H-E-1084	< 5.4 tons Split System - Tier 2	16.0 SEER				\$50	
H-E-1079	≥ 5.4 and < 11.25 tons Split and Single Package - Tier 1	11.5 EER				\$25	
		13.0 IEER					
H-E-1080	≥ 5.4 and < 11.25 tons Split and Single Package - Tier 2	12.5 EER				\$50	
		14.0 IEER					
H-E-1077	≥11.25 and < 20 tons Split and Single Package - Tier 1	11.5 EER				\$25	
		12.4 IEER					
H-E-1078	≥11.25 and < 20 tons Split and Single Package - Tier 2	12.0 EER				\$50	
		14.0 IEER					
H-E-1022	≥ 20 and < 63.33 tons Split and Single Package - Tier 1	10.5 EER				\$25	
		11.6 IEER					
H-E-1023	≥ 20 and < 63.33 tons Split and Single Package - Tier 2	11.0 EER				\$50	
		12.5 IEER					
H-E-1024	≥ 63.33 tons Split and Single Package - Tier 1	9.7 EER				\$25	
		11.2 IEER					
H-E-1025	≥ 63.33 tons Split and Single Package - Tier 2	10.0 EER				\$50	
		12.0 IEER					

Ref #	Measure Name	Incentive Per Unit	Unit	HP	Quantity	Incentive Estimate
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Variable Frequency Drives

H-E-1021	Boiler Feedwater Pump VFD	\$100	HP			
H-E-1026	Chilled Water or Condenser Water Pump VFD	\$100	HP			
H-E-1027	Cooling Tower Fan VFD	\$50	HP			
H-E-1040	Heating Hot Water Pump VFD	\$100	HP			
H-E-1062	Return Fan VFD	\$100	HP			
H-E-1076	Supply Fan VFD	\$100	HP			
H-E-1105	Water Source Heat Pump VFD	\$100	HP			

HVAC Incentives Estimate

Compressed Air Systems

Ref #	Equipment Type	Incentive per Unit	Unit	HP	Quantity	Incentive Estimate
Compressed Air Systems						
CA-E-1001	Variable Speed Air Compressor	\$150	HP			
Compressed Air System Incentives Estimate						

Heating Equipment

Ref #	Measure Name	Incentive Per Unit	Unit	Boiler Capacity (kBtu)	Annual Run Hours	Quantity	Incentive Estimate
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Boiler Economizer Controls

H-G-1002	< 800,000 Btu	\$1,000	Per unit				
H-G-1004	>=0.8 to 1.6 MMBtu	\$1,200	Per unit				
H-G-1005	>=1.6 to 3 MMBtu	\$1,800	Per unit				
H-G-1006	>=3 to 3.5 MMBtu	\$2,100	Per unit				
H-G-1007	>=3.5 to 4 MMBtu	\$2,400	Per unit				
H-G-1003	>= 4 MMBtu	\$2,700	Per unit				

Ref #	Measure Name	Incentive Per Unit	Unit	Boiler Capacity (kBtu)	Efficiency	Quantity	Incentive Estimate
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Gas Furnace

H-G-1015	<225 kBtu 95% AFUE	\$400	Per unit				
H-G-1016	<225 kBt 97% AFUE	\$600	Per unit				
H-G-1017	>=225 kBtu 95% AFUE	\$400	Per unit				
H-G-1018	>=225 kBtu 97% AFUE	\$600	Per unit				

Ref #	Measure Name	Incentive Per Unit	Unit	Quantity	Incentive Estimate
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Gas Infrared Heater

H-G-1019	<=100 Mbtu/h	\$500	Per unit		
H-G-1020	>100 Mbtu/h	\$300	Per unit		

Ref #	Equipment Type	Unit	Incentive per Unit	Efficiency Type	Qualifying Efficiency	Actual Efficiency	MBH	Quantity	Incentive Estimate
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Hot Water Condensing Boilers

DWH-G-1011	< 300 MBH	MBh	\$2.50	AFUE	93%				
DWH-G-1015	≥ 300 MBH to ≤ 2500 MBH	MBh	\$2.50	ET	91%				
DWH-G-1013	> 2500 MBH to ≤ 4000 MBH	MBh	\$2.50	EC	93%				

Ref #	Equipment Type	Unit	Incentive per Unit	Efficiency Type	Qualifying Efficiency	Actual Efficiency	MBH	Quantity	Incentive Estimate
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Hot Water Non-Condensing Boilers

DWH-G-1017	Hot water, non-condensing boiler < 300 MBH	MBh	\$1.25	AFUE	85%				
DWH-G-1019	Hot water, non-condensing boiler ≥ 300 MBH to ≤ 1500 MBH	MBh	\$1.75	ET	85%				
DWH-G-1044	Hot water, non-condensing boiler > 1500 MBH to ≤ 2500 MBH	MBh	\$1.50	ET	85%				
DWH-G-1018	Hot water, non-condensing boiler > 2500 MBH to ≤ 4000 MBH	MBh	\$0.75	EC	85%				
DWH-G-1030	Steam, non-condensing boiler < 300 MBH	MBh	\$2	AFUE	82%				
DWH-G-1027	Steam, all except natural draft, non-condensing boiler ≥ 300 MBH to ≤ 2500 MBH	MBh	\$1.50	ET	81%				
DWH-G-1026	Steam, all except natural draft, non-condensing boiler > 2500 MBH to ≤ 4000 MBH	MBh	\$1	EC	81%				
DWH-G-1028	Steam, natural draft, non-condensing boiler > 300 MBH to =<2500 MBH	MBh	\$1	ET	82%				
DWH-G-1029	Steam, natural draft, non-condensing boiler > 2500 MBH to ≤ 4000 MBH	MBh	\$1	EC	82%				

Boiler Incentives Estimate

Custom

Please use the reference numbers in the left column to identify and mark all related invoices, specification sheets and other documents related to that measure and submitted with this application. A reservation letter must be received before the project begins. You must check the appropriate category box for each custom item on this worksheet.

Start here

Elec.	Category	Gas
<input type="checkbox"/>	Lighting	
<input type="checkbox"/>	Refrigeration	<input type="checkbox"/>
<input type="checkbox"/>	Motors & Drives	<input type="checkbox"/>
<input type="checkbox"/>	Miscellaneous	<input type="checkbox"/>
<input type="checkbox"/>	HVAC	<input type="checkbox"/>
<input type="checkbox"/>	Process	<input type="checkbox"/>
<input type="checkbox"/>	Data Centers	<input type="checkbox"/>
<input type="checkbox"/>	Other	<input type="checkbox"/>

Will the "After retrofit" specific piece of equipment listed here be in operation during the hours of 3-6 p.m. on Monday-Friday in the month of July?

Yes No

Capped measure incentive (from total awarded incentive below)

Elec.	Category	Gas
<input type="checkbox"/>	Lighting	
<input type="checkbox"/>	Refrigeration	<input type="checkbox"/>
<input type="checkbox"/>	Motors & Drives	<input type="checkbox"/>
<input type="checkbox"/>	Miscellaneous	<input type="checkbox"/>
<input type="checkbox"/>	HVAC	<input type="checkbox"/>
<input type="checkbox"/>	Process	<input type="checkbox"/>
<input type="checkbox"/>	Data Centers	<input type="checkbox"/>
<input type="checkbox"/>	Other	<input type="checkbox"/>

Will the "After retrofit" specific piece of equipment listed here be in operation during the hours of 3-6 p.m. on Monday-Friday in the month of July?

Yes No

Capped measure incentive (from total awarded incentive below)

Ref# CU-1

Location (department, area, etc.) _____

Description											
Before retrofit						After retrofit					
"Before" hours of operation calculation for this specific equipment						"After" hours of operation calculation for this specific equipment					
Hours/week		Weeks/year		Non-work days/year		Hours/week		Weeks/year		Non-work days/year	
Hours used per year (a)			kW (b)			Hours used per year (c)			kW (d)		

Current energy cost						
Service	Unit	cost (\$ per unit)	Annual savings* (units/year) (A)	Incentive rate (\$ per unit) (B)	Calculated incentive (A x B)	Measure cost
Electric	kWh			\$0.12		
Natural gas	Therms			\$1.50		

* For electric projects use the following formula: (a x b) - (c x d). For natural gas projects, you must enter your own calculated annual savings and provide documentation.

Ref# CU-2

Location (department, area, etc.) _____

Description											
Before retrofit						After retrofit					
"Before" hours of operation calculation for this specific equipment						"After" hours of operation calculation for this specific equipment					
Hours/week		Weeks/year		Non-work days/year		Hours/week		Weeks/year		Non-work days/year	
Hours used per year (a)			kW (b)			Hours used per year (c)			kW (d)		

Current energy cost						
Service	Unit	cost (\$ per unit)	Annual savings* (units/year) (A)	Incentive rate (\$ per unit) (B)	Calculated incentive (A x B)	Measure cost
Electric	kWh			\$0.12		
Natural gas	Therms			\$1.50		

* For electric projects use the following formula: (a x b) - (c x d). For natural gas projects, you must enter your own calculated annual savings and provide documentation.

	Aggregate measure cost	Aggregate annual savings	Current energy cost	Simple payback period	Total calculated incentive	Total awarded incentive
Total custom incentives	Electric					
	Natural gas					