

2026 MEEP Application Specifications

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Applying to participate in the Multifamily Energy Efficiency program does not guarantee any specific rebate payment. Payment of rebate funds is contingent upon funding availability and continued approval of this program by the ACC. Program funds are available for completed Final Applications submitted and reviewed during the current program year on a first-come, first-serve basis.

QUESTIONS

If you have program or application questions, call (866) 277-5605 or (602) 385-0900 or email apsmeep@dnv.com.

ADDITIONAL RESOURCES

aps.com
energystar.gov
cee1.org
ahridirectory.org

These APS Multifamily Energy Efficiency program (MEEP) application specifications should be used in conjunction with the MEEP Policies and Procedures.

Residential Area

A Pre-Application must be completed to document the initial product quantities and types of products. The MEEP team will conduct a post inspection to verify product installation.

ENERGY-SAVING PRODUCTS

Smart Thermostat

- Installation of smart thermostats to replace programmable or non-programmable thermostats in an existing community, or installation in a new build community.
- Eligible smart thermostats are covered for up to \$126 of the seller's price. If an eligible smart thermostat exceeds \$126, the customer is responsible for the difference in cost (see [Cool Rewards FAQ](#) for list of qualifying thermostats).
- Participation requires the community to provide information to current and future residents about APS Cool Rewards.

Common Area

Common areas include non-residential areas such as hallways, offices, and exterior property.

Lighting Equipment

General LED lighting requirements:

- A manufacturer's specification sheet for each LED lamp/LED fixture/LED component shall accompany every application.
- A room-by-room survey may be requested for complex lighting projects.
- Invoice/purchasing documentation shall reflect manufacturer, model number and quantity of each lamp/fixture/component.
- Removed polychlorinated biphenyl (PCB) ballasts and all lamps must be disposed of properly. Documentation of disposal may be requested by program staff.
- Lighting projects should comply with the Illuminating Engineering Society of North America (IESNA) recommended lighting levels and local code.

Option A

Integral lamp or fixture must appear on one of the following lists. If not, reference Option B:

- ENERGY STAR[®] Qualified Products List
energystar.gov/productfinder/?s=mega
- DesignLights Consortium Qualified Products List
designlights.org/QPL
- Consortium for Energy Efficiency (CEE) Tier II (two) listed
cee1.org/program-resources#comm

Option B

LEDs that do not appear on the Qualified Products list of either ENERGY STAR, DesignLights Consortium, or CEE will be evaluated using the minimum performance criteria in the appropriate product category from either ENERGY STAR, DesignLights Consortium, or CEE for the following variables:

- Light output in lumens
- Luminaire efficacy (lm/W)
- Manufacturer's warranty (years)
- Color rendering index (CRI)
- Correlated color temperature (CCT)
- LED lumen maintenance at 6,000 hours
- Manufacturer's estimated lifetime for L70 (70% lumen maintenance at end of useful life)

Please contact a representative from the MEEP team for assistance in determining if an LED product complies with Option B.

DELAMPING

Measure: Reduce the number of linear lamps per fixture by permanently removing existing fluorescent lamps and lamp holders.

- Contractors/vendors/customers are responsible to ensure IES lighting levels are maintained after retrofit.
- Delamping must be completed in conjunction with linear LED retrofit (delamp-only projects are not eligible for rebates).
- Unused tombstones must be removed from the fixture to prevent lamp reinstallation.
- Room-by-room survey and pre-inspection may be requested for delamping projects.

INDOOR HID TO LED FIXTURES

Measure: Replace interior High Intensity Discharge (HID) fixtures with LED fixtures.

- Replacements are on a one-for-one basis.
- HID fixtures may be low pressure sodium (LPS), high pressure sodium (HPS), metal halide (MH), mercury vapor (MV).
- LED fixtures with selectable wattage shall be based on the average of the wattages to determine rebate category (≤ 100 , >100 & <200 , ≥ 200).
- Non-mechanically cooled areas such as interior stairwells, parking garages and warehouses are eligible for this measure.
- Fixtures shall meet APS MEEP LED lighting requirements.

LINEAR LED LAMPS

Measure: Replace 2, 3, 4 & 8-foot T12, T8 or T5 lamps with linear LED lamps (See General LED Lighting Requirements).

- Replace linear fluorescent lamps on a one-for-one basis.
- Compatibility between the LED lamp and electronic ballast shall be verified by the contractor.
- Components shall be UL or ETL certified.
- Rebates are paid on a per lamp basis.

Ballast replacement/LED driver consideration should be given to ballasts that are more than 6 years old.

Acceptable replacement product types are:

- Lamps Only ("Plug and Play") (UL Type A)
- Internal Driver/Line Voltage Lamp (UL Type B)
- New External Driver (ballast) and Lamp (UL Type C)

Safety recommendations:

- UL Type B and UL Type C products must be delivered as part of a UL 1598C Classified Luminaire Retrofit Kit with instructions explaining the LED tube must be installed on a luminaire that is already UL listed.
- The retrofitted luminaire must be clearly identified using the label included with the retrofit kit indicating the luminaire has been modified and can no longer operate the originally intended lamp(s).

OUTDOOR LED FIXTURES

Measure: Replace or retrofit non-LED outdoor fixtures with qualified LED products on a one-for-one basis (See General LED Lighting Requirements).

- Rebates are paid based on the installed LED input wattage.
- The installing contractor is responsible to comply with any applicable “Dark Sky Ordinance” or local outdoor light codes or ordinance.

Energy Management System (EMS)

A pre-application is required for this measure.

SYSTEM BEING REPLACED	TIER 1 REBATE \$/S.F.	TIER 2 REBATE \$/S.F.
Non-programmable thermostats	\$0.20	\$0.30
Pneumatic thermostats	\$0.20	\$0.30
Digital EMS system	\$0.10	\$0.20
Programmable thermostats	\$0.10	\$0.20
Integrated lighting control		\$0.10

General requirements:

- Buildings and spaces within buildings that are not mechanically cooled are not eligible under this section.
- EMS controls for electric resistance heating-only systems may be submitted using the custom application.
- Buildings and spaces that are continuously occupied are only eligible for the Tier 2 rebate.
- Pre- and post-inspections may be required to verify and document stated conditions.
- EMS controllers must be able to address HVAC system requirements for multiple zones and will provide multiple control functions autonomously without access to internet or cloud services. Controllers only capable of addressing a single zone or networked thermostats are not eligible for an EMS rebate but may be eligible for a Smart or Programmable Thermostat rebate.

Measure: Install EMS to optimize system operation.

- Replace existing electric (non-programmable) or pneumatic thermostats.
 - Tier 1 rebate of \$0.20 per square foot of controlled and conditioned space.
 - Meeting Tier 2 specification requirements qualifies for \$0.30 per square foot of controlled and conditioned space.
- Replace existing programmable thermostats or digital EMS system.
 - Tier 1 rebate of \$0.10 per square foot of controlled and conditioned space.
 - Meeting Tier 2 specification requirements qualifies for \$0.20 per square foot of controlled and conditioned space.
- Overlay systems that monitor, manage or control existing EMS systems are not eligible for this rebate. This would include systems that deploy artificial intelligence (AI) or continuous commissioning systems.
- Software only updates/upgrades to existing EMS are not eligible for this rebate.

Tier 1 EMS requirements:

- Central time control.
- Graphic operator interface.
- Trending capability.
- Web-based interface with on-site PC-based controls.
- Minimum setback temperature of at least 8°F in heating and cooling, setback period must exceed 2,200 hours/year.
- Holiday schedules must be entered for a minimum of one year. For premises with varying schedules (i.e., schools, seasonal occupancy), the occupancy schedules must be entered for a minimum of one year.
- Implement at least four enhanced control strategies.

Tier 2 EMS requirements, All Tier 1 requirements plus:

- For DX and water-source heat pump (WSHP) systems, implement at least seven enhanced control strategies.
- For chilled water (CW) systems, implement at least 10 enhanced control strategies.
- For facilities with both DX and CW systems, all areas must implement at least 10 enhanced control strategies to meet Tier 2 rebate level.

Required documentation:

- Documentation supporting the conditioned space on the application. This information can typically be found on facility drawings or a spreadsheet indicating the space measurements.
- System points list that shows all components integrated to EMS.
- EMS manufacturer specifications.
- Sequence of operation clearly indicating:
 - Occupied, setback time periods and established temperatures
 - Occupied, unoccupied and holiday scheduling
 - On/off control of motors (as applicable)
 - EMS screenshots displaying system settings (temperature set points, schedules, programming logic, etc.) to document the Enhanced Control Strategies implemented from the list below:

- | | |
|---|---|
| 1. Chilled Water Temperature Reset | 12. Improved Outside Air Volume Control |
| 2. Chiller Compressor Sequencing | 13. Limit OA During Morning Warm-Up/Cool Down Cycle |
| 3. Condenser Water Temperature Reset | 14. Night Ventilation Purge |
| 4. Cooling & Heating Lockout on Outside Air Temperature (OAT) | 15. Outside Air Damper Control |
| 5. Cooling Tower Fan Speed Control | 16. Optimal Start/Stop |
| 6. Cooling Tower Fan Staging | 17. Secondary Chilled Water Loop Pressure |
| 7. Dead Band Control for Heating and Cooling | 18. Static Pressure Reset |
| 8. Demand Control Ventilation | 19. Summer/Winter Volume Change |
| 9. Distribution Pump Speed Control | 20. Supply Air Temperature Reset |
| 10. Distribution Pump Sequencing | 21. Unoccupied Temperature Setback |
| 11. Occupancy Sensor Integration | 22. Zone-by-Zone Scheduling |

LIGHTING ENERGY MANAGEMENT SYSTEM (LEMS)

Measure: Install lighting energy management system (LEMS).

A pre-application is required for this measure.

Must be installed in conjunction with an approved integrated HVAC EMS project.

- Rebate of \$0.10 per square foot of illuminated and controlled interior space. The LEMS may be a freestanding lighting controller or integrated with a HVAC control system.

Required documentation:

Documentation supporting the square feet of the controlled space. This information can typically be found on facility drawings. If only specific areas are being controlled, please provide a spreadsheet indicating the space measurements.

- System points list.
- Sequence of operation clearly indicating the on/off times.
- Areas that are illuminated 24/7/365 are not eligible for this rebate.
- Facilities that had LEMS installed previously do not qualify.

Pre- and post-inspections may be required to verify stated conditions.

- Confirmation of the programming functionality may be requested.

Control Measures

COMPUTER POWER MANAGEMENT SOFTWARE

Measure: Install software to allow computers to be put into low-power settings during appropriate hours.

- The software installed must automatically control the power settings of networked personal computers at the server level.
- Software must be capable of managing power consumption for each individual PC and must be capable of reporting energy savings results.
- A report directly from the network energy management software that verifies the number of PCs controlled by the system must be supplied. Report must include an individual identifier for each computer.
- Individual computers are eligible for one rebate once every six years. If the software license is transferred to a new computer, the six-year period transfers with the license.
- A schedule identifying the computers by ID number or serial number must accompany the final application.

CARBON DIOXIDE (CO₂) SENSORS

Measure: Utilize demand-controlled ventilation by installing CO₂ sensors to reduce the conditioning of outside air.

- CO₂ sensors must control the ventilation system. Sensors used solely for data acquisition purposes are not eligible.
- Carbon dioxide sensor must be installed in conjunction with a controls-governed outside air damper.
- Excludes outside air CO₂ reference sensor.

DEMAND RESPONSE LIGHTING CONTROLS

Measure: Install a control system to reduce lighting load based on demand response events.

The following applies for lighting controls:

- Communication entry point.
- Programmed to incrementally reduce lighting load to minimize occupant observation.
- Includes devices to provide communication (wired or wireless {not using Wi-Fi}) to the smart LED fixtures and control interface.
- Additional rebates may be available for smart LED fixtures.
- Rebate is per square foot of area illuminated by LED fixtures connected to the control system.

PROGRAMMABLE THERMOSTATS

Measure: Replace an existing non-programmable thermostat with a programmable thermostat.

- Thermostat must be capable of 7-day, 5-2 or 5-1-1 programming.
- Minimum setback temperature of 8°F shall be programmed for heating and cooling.

A manufacturer's specification sheet must accompany the application.

SMART THERMOSTATS

Measure: Replace an existing non-programmable thermostat with a Wi-Fi accessible smart thermostat.

- Select eligible thermostat from drop-down list in application (see [Cool Rewards FAQ](#) for list of qualifying thermostats).
- Replacements of energy management system (EMS) sensors are not eligible.
- Both occupancy and holiday schedules shall be programmed.
- Minimum setback temperature of 8°F shall be programmed for heating and cooling.
- Rebate is paid per installed thermostat.
- Participation requires the community to provide information to current and future residents about APS Cool Rewards.

NETWORKED THERMOSTATS

Measure: Replace an existing thermostat with a qualified networked thermostat.

- Communication between devices may be hardwired or wireless and utilize Modbus, BACnet, wireless mesh or other approved communication protocol.
- Single zone thermostats are not eligible for a Networked Thermostat rebate but may be eligible for either Smart or Programmable Thermostat rebates.
- Wireless communication between devices shall not utilize customer Wi-Fi.
- Minimum setback period must exceed 2,200 hours per year.
- Minimum setback temperature of at least 8°F required in both heating and cooling.
- Holiday schedules must be entered for a minimum of one year. For premises with varying schedules (i.e., schools, seasonal occupancy), the occupancy schedules must be entered for a minimum of one year.
- Controllers for hotel rooms or rooms with similar occupancy patterns should be applied for under the Hotel Room Occupancy Controls rebate.

OCCUPANCY SENSORS

Measure: Install occupancy-based controls on lighting.

- Passive infrared and/or ultrasonic detectors are eligible.
- Wall box and wall-, ceiling-, or fixture-mounted sensors must control interior lighting fixtures on/off.
- Rebate is per sensor.

Cooling

UNITARY AIR CONDITIONING AND AIR-SOURCE HEAT PUMP EQUIPMENT

Measure: Install air conditioning or heat pump units that meet or exceed the qualifying efficiencies as listed in the CEESM Commercial Unitary Specification for split or single packaged units

- To be eligible for each tier, both the energy efficiency ratio (EER) and integrated EER (IEER)/seasonal EER (SEER) efficiency levels must be achieved. When applicable, EER2 and SEER2 efficiency levels must be achieved.
- Qualified ducted single-phase units < 65,000 Btu/hr and all ducted three-phase units ≤760,00 Btu/hr are eligible for this rebate.
- All units must meet or exceed the listed efficiency ratings to qualify for any rebate.
- All packaged and split system cooling equipment must meet the current Air-Conditioning, Heating and Refrigeration Institute (AHRI) standards (210/240 or 340/360), be UL listed and use a minimum ozone-depleting refrigerant (e.g., HCFC or HFC).
- CEE periodically revises its specifications; see cee1.org for the most recent version.
- An AHRI certificate and manufacturer's specification sheet indicating the system efficiency must accompany the application. AHRI certificates can be obtained by visiting ahridirectory.org.

UNITARY AIR CONDITIONING SPECIFICATIONS							
Equipment Type	Size Category	Heating Section Type	Subcategory	CEE Tier 1	CEE Tier 2	CEE Advanced Tier	Test Procedure
Air conditioners, air cooled (cooling mode)	< 65,000 Btu/hr (Single Phase and 3 Phase)	All	Split system	14.3 SEER2 12 EER2	15.3 SEER2 12.5 EER2	17.2 SEER2 12.5 EER2	AHRI 210/240
			Single package	14.4 SEER2 11.6 EER2	15.3 SEER2 11.6 EER2	16.3 SEER2 12 EER2	
	≥65,000 Btu/hr and < 135,000 Btu/hr	Electric resistance (or none)	Split system and single package	12.2 EER 14 IEER	12.2 EER 14.8 IEER	12.6 EER 18 IEER	AHRI 340/360
		All other	Split system and single package	12 EER 13.8 IEER	12 EER 14.6 IEER	12.4 EER 17.8 IEER	
	≥135,000 Btu/hr and < 240,000 Btu/hr	Electric resistance (or none)	Split system and single package	12.2 EER 13.2 IEER	12.2 EER 14.2 IEER	12.2 EER 17 IEER	
		All other	Split system and single package	12 EER 13 IEER	12 EER 14 IEER	12 EER 16.8 IEER	
	≥240,000 Btu/hr and < 760,000 Btu/hr	Electric resistance (or none)	Split system and single package	10.5 EER 12.3 IEER	10.8 EER 13.2 IEER	10.8 EER 14.5 IEER	
		All other	Split system and single package	10.3 EER 12.1 IEER	10.6 EER 13 IEER	10.6 EER 14.3 IEER	

UNITARY HEAT PUMP SPECIFICATIONS							
Equipment Type	Size Category	Heating Section Type	Subcategory	CEE Tier 1	CEE Tier 2	CEE Advanced Tier	Test Procedure
Heat pumps, air cooled (cooling mode)	< 65,000 Btu/hr (Single Phase and 3 Phase)	All	Split system	14.3 SEER2 12 EER2	15.3 SEER2 12.5 EER2	N/A	AHRI 210/240
			Single package	14.4 SEER2 11.6 EER2	15.3 SEER2 11.6 EER2	N/A	
	≥65,000 Btu/hr and < 135,000 Btu/hr	Electric resistance (or none)	Split system and single package	11.8 EER 13.6 IEER	N/A	N/A	AHRI 340/360
			All other	Split system and single package	11.6 EER 13.4 IEER	N/A	
	≥135,000 Btu/hr and < 240,000 Btu/hr	Electric resistance (or none)	Split system and single package	10.9 EER 12.8 IEER	N/A	N/A	
			All other	Split system and single package	10.7 EER 12.6 IEER	N/A	
	≥240,000 Btu/hr and < 760,000 Btu/hr	Electric resistance (or none)	Split system and single package	10.3 EER 11.8 IEER	N/A	N/A	
			All other	Split system and single package	10.1 EER 11.6 IEER	N/A	

PACKAGED TERMINAL AIR CONDITIONER AND HEAT PUMPS (PTAC/PTHP)

Measure: Install PTAC or PTHP units with efficiency ratings equal to or greater than what is required by ASHRAE 90.1-2013.

- All EER values must be rated at a temperature of 95° F outdoor dry-bulb.

WATER- AND AIR-COOLED CHILLERS

A pre-application is required for this measure.

Measure: Install water- or air-cooled chiller with integrated part load value (IPLV), expressed as kW/ton, less than or equal to the qualifying efficiency shown on the following chart.

Water- and Air-Cooled Chillers				
Equipment Type	Size Category (1 Ton = 12,000 Btu/hr)	Qualifying Efficiency	Equipment Rebate (per ton)	Efficiency Rebate (per unit eff. over qual. eff. per ton)
Air-cooled chillers	< 150 tons	0.803 kW/ton - IPLV	\$5.25	\$225.00
	≥150 tons	0.785 kW/ton - IPLV	\$7.50	\$225.00
Water-cooled chillers	< 150 tons	0.504 kW/ton - IPLV	\$5.25	\$225.00
	≥150 tons to < 300 tons	0.460 kW/ton - IPLV	\$5.25	\$225.00
	≥300 tons to < 400 tons	0.430 kW/ton - IPLV	\$7.50	\$225.00
	≥400 tons to < 600 tons	0.430 kW/ton - IPLV	\$7.50	\$225.00
	≥600 tons	0.430 kW/ton - IPLV	\$7.50	\$225.00

- Chiller efficiency rating must be based on the current AHRI Standard 550/590 for IPLV Standard Conditions and not based on full-load or NPLV conditions.
- Chiller must meet or exceed the listed qualifying efficiency shown, be UL listed and use a minimum ozone-depleting refrigerant (e.g., HCFC or HFC).
- The AHRI net capacity value should be used to determine the chiller tonnage.

A manufacturer's specification/performance sheet with the rated kW/ton-IPLV or COP-IPLV must accompany the application.

Miscellaneous

THEMAL STORAGE – REFRIGERATED SPACE

A pre-application is required for this measure.

Measure: Install or expand existing phase change thermal storage system to shift thermal load.

- Rebate is based per ton of capacity.
- Additional rebates may be available for chillers and VSDs.

ULTRASONIC HUMIDIFICATION

Measure: Replace existing functional steam generator or infrared humidification with ultrasonic humidification.

- Provide photo documentation of existing equipment and nameplate(s).
- Rebate is paid base on the total connected kW reduction.

Variable Speed Drives

EVAPORATOR FAN MOTOR

Measure: Replace standard-efficiency shaded-pole evaporator fan motor in refrigerated display cases or fan coil in walk-ins with electronically commutated motor (ECM) or permanent split-capacitor (PSC) motor.

RETROFIT VARIABLE SPEED DRIVES

Measure: Install a VSD on existing motor to reduce energy use.

- Must permanently remove or disable any throttling devices such as inlet vanes, bypass dampers or throttling valves.
- VSDs replacing existing VSDs are only eligible for rebates if existing VSDs have been non-operational for at least six months.
- VSDs purchased for “soft start” only applications are not eligible for rebates.
- A 3% impedance choke is recommended to handle any power factor corrections that may occur. VSDs are sensitive to overvoltage.
- The VSD rebate is based on the lower value of the equipment horsepower or rated horsepower of the VSD.
- Rebate rate varies by equipment type (\$/HP) as shown in the table below:

MEASURE	REBATE	MEASURE	REBATE
Air compressor	\$70	Chilled water pump	\$70
Chiller compressor	\$35	Condenser water pump	\$40
Cooling tower/condenser fan	\$35	Domestic water booster/well pump	\$50
HVAC fan	\$70	Other VSD	\$50
Process	\$35	Refrigerant compressor	\$50
Refrigeration fan	\$70	Pool pump	\$70
Waste water blower	\$70	Other blower	\$70

POOL PUMP VARIABLE SPEED DRIVES

Measure: Install VSD on existing pump to reduce energy use.

- Pump drives shall be installed and programmed to meet the local commercial code requirements.
- Pump drives must operate a minimum of eight hours per day at a reduced speed.
- Maximum reduced speed operation shall not exceed 90% of motor nameplate RPM or 54 Hz.
- The VSD rebate is based on the lower value of the equipment horsepower or rated horsepower of the VSD.

Refrigeration Equipment

ANTI-SWEAT HEATER CONTROLS

Measure: Install device that senses the relative humidity in the air outside of the display case and reduces or turns off the glass door (if applicable) and frame anti-sweat heaters at low-humidity conditions.

- Technologies that turn off anti-sweat heaters based on sensing condensation (on the inner glass pane) also qualify.
- The rebate amount is based on the horizontal length of the case.

AUTOMATIC DOOR CLOSER

Measure: Install a new device to automatically close the main insulated door of an existing walk-in cooler or freezer.

- Only retrofit installations are eligible for rebates.

HIGH-EFFICIENCY CONDENSERS

Measure: Install new or replace existing refrigeration condensers with higher-efficiency condensers.

- Replacement condenser shall meet or exceed required EER. $EER = \text{total heat rejected (Btu/hr)} / \text{full-load fan energy (watts)}$.
- Air cooled condenser — $EER \geq 105 \text{ Btu/hr/watt}$. Temperature differential (TD) between the saturated condensing temperature (SCT) and ambient design temperature must be:
 - 15°F or less for medium temperature (MT) applications.
 - 10°F or less for low temperature (LT) applications.
- Water evaporative condenser: $EER \geq 240 \text{ Btu/hr/watt}$. Tested at 100°F SCT at an ambient wet-bulb condition of 70°F.
- Fans must be either staged or controlled via VSDs. Rebates for new VSDs may be applied for separately.
- Manufacturer specifications showing ratings must be provided.

HIGH-EFFICIENCY COMPRESSORS

Measure: Replace existing hermetically sealed compressor with a more efficient unit.

- The replacement compressor must not exceed 110% of the existing compressor capacity.
- The invoice must show both the replaced and new compressor model numbers.
- The new compressor must meet or exceed the following coefficient of performance (COP) efficiency for the equipment type listed in the table below:

EQUIPMENT TYPE	EFFICIENCY (COP)
Walk-in cooler	4.14
Walk-in freezer	1.2
Reach-in freezer	1.67
Food service equipment	2.15
Beverage merchandiser	2.15

REACH-IN COOLER CONTROLS

Measure: Install controls with passive infrared occupancy sensor to turn off fluorescent lights and other refrigerated systems when the surrounding area is unoccupied for 15 minutes or longer.

- Presumes refrigerated unit contains only non-perishable bottled and canned beverages.
- Control logic should power up the machine at two-hour intervals to maintain product temperature.

FLOATING-HEAD PRESSURE CONTROLS

Measure: Convert the head pressure controls of an existing multiplex system from fixed control to floating control to take advantage of low outdoor-air temperatures.

- The condensers must use variable speed drive, staged fan-operation or a combination of both.

REFRIGERATED CASE LED LAMPS

Measure: Replace T12 or T8 fluorescent lamps with qualified LED lamps (See General LED Lighting Requirements).

- Refrigerated and freezer cases are eligible.
- Replace 5-foot and 6-foot fluorescent lamps on a one-for-one basis.
- Replacement of lamps less than five feet should be applied for under Linear LED rebate.
- Motion sensor must turn the light off when no motion is detected.
- Replacement cases with factory installed LED lamps are eligible for this rebate.

Building Envelope

SHADE SCREEN

Measure: Add fixed exterior physical shading screens to windows.

- Windows with east, south and west exposures are eligible.
- Shading coefficient must be 0.30 or less at a 30° profile angle.
- Interior window shades, such as blinds and drapes, and movable door screens do not qualify.
- A window schedule indicating the quantity, current window type, actual window surface dimensions, orientation, and brand and model number of screen material, along with specifications sheets must be provided.
- Rebate is paid on an installed per-square-foot basis.
- It is recommended that the invoice include the performance specifications.

A manufacturer's specification sheet must accompany the application. Please contact a representative from the MEEP team for a basic window schedule program.

Compressed Air

ADDITIONAL COMPRESSED AIR RECEIVER

Measure: Install additional compressed air receiver (storage tank) that will allow the system pressure to be reduced.

- Installation of the storage device shall meet all applicable codes and industry standards.
- Rebate is based on nameplate horsepower of the primary compressor(s). Horsepower of standby / redundant compressors are not eligible.

ZERO LOSS CONDENSATE DRAIN

Measure: Install no loss/zero loss condensate drain (trap) on compressed air system that wastes no air in the purging of condensate.

- Device shall have a float or level sensor that operates an electric solenoid or ball valve to maintain the condensate level in the reservoir below the high level point, or a float activates a pneumatic signal to an air cylinder to open a ball valve through a linkage to expel the condensate in the reservoir to the low level point.
- Rebate is paid per unit.

Non-HVAC Custom

A pre-application is required for this measure.

Custom rebates are calculated based on the amount of energy saved (kWh) during two time periods that occur in the first year after the project is completed: (1) annual kWh saved and (2) summer on-peak kWh saved during the hours of 3:00 p.m. to 8:00 p.m., weekdays, June 1 to September 30.

The rebate calculation is based on the lower result of:

- Annual kWh saved x \$0.02/kWh saved + summer on-peak kWh saved x \$0.18/kWh saved

or

- 75% of implementation costs

Customer/contractor shall submit detailed calculation supporting both annual and summer peak period savings.

Actual rebate payments will be based on either (1) documented electrical energy (kWh) reduction or (2) an electrical energy reduction estimate approved by APS MEEP program staff. In no case will the rebate payment exceed 75% of the energy efficiency-related project costs, which are defined as the incremental costs associated with implementing the energy-saving measures. Pursuant to Arizona Corporation Commission decisions, when calculating incremental measure cost, APS is required to reduce the incremental measure costs by any known monetary rebates available from other entities (such as tax credits), regardless of whether a customer applies for them.

PROJECT ELIGIBILITY

The APS MEEP program offers custom rebates for energy efficiency improvements that do not fall under the standard offering, but have isolated and measurable or verifiable energy savings. All custom measures must pass a Benefit to Cost test, also called a Societal Cost Test (SCT), as defined and calculated by DNV using energy savings and incremental measure costs provided by the customer. Discontinued standard measures will not be considered for a custom rebate.

Equipment replacement projects must demonstrate that the old equipment has been eliminated from the resale market.

- Standard measures can be included with a custom application (rather than submitting separate applications) when those measures have interactive energy-saving effects.
- Ineligible projects include but are not limited to: cool roofs, electrical generation projects such as renewables, fuel switching and customer-owned on-site generation.
- Lighting projects should comply with the Illuminating Engineering Society of North America (IESNA) recommended lighting levels and local code.

SUPPORTING DOCUMENTATION

Please attach the following documentation, in addition to required documentation as described in the APS Program Policies and Procedures:

- Complete description of the proposed project, the products and technologies used, and how they will be employed. Include definitions of the base case and details of the proposed equipment (provide manufacturer's specification sheets for both base and proposed cases, if possible).
- All facilities, buildings or equipment that will be affected by the project; include all APS account numbers.
- Detailed cost breakdown by measure.

SAVINGS CALCULATIONS

Include all relevant data that will allow an engineer to duplicate the savings estimate provided, such as:

- Concise description of the existing energy systems to be affected
- Facility physical description and occupancy (including activities in building and hours of operation)
- Location of affected equipment
- Condition and age of equipment if a degradation in nameplate efficiency is assumed
- Hours of operation of the affected equipment
- Number of existing units
- Ratings of equipment (wattage, nameplate, tonnage, voltage, etc.)
- Measure-by-measure savings calculations for both the annual and summer peak hour periods. Summary of the calculated savings associated with the project.
- Historical peak power (if demand metered) and/or energy consumption data
- Clearly indicate all assumptions and variables used in the savings analysis. Also describe the basis or rationale for each assumption and variable.

It is the applicant's responsibility to present a convincing case for estimating energy savings. If it is unclear whether your preferred method is sufficient, contact the program team at (866) 277-5605 or (602) 385-0900.

ENERGY SAVINGS ANALYSIS

Inspections and all submitted documentation of pre-existing conditions will be reviewed to determine project eligibility and to estimate the base case energy usage. Applicants will be responsible for submitting complete documentation that indicates the basis for projected energy savings. We reserve the right to require pre- and/or post-measurement and verification for any project. Customers agree to abide by the APS determination of project baselines, which will be based on conservative estimates in absence of verifiable data. Where applicable, ASHRAE 90.1-2013 shall be used as the project baseline unless another baseline is mutually agreed upon. Projects where a baseline energy use cannot be established may be disqualified.