

### Program update

The proposed changes to the Pacific Power FinAnswer Express program in California are effective **January 19, 2012**. Below is a summary of changes. **For complete information on the FinAnswer Express program changes, please visit the Pacific Power website or click the links to view a [summary of changes](#) and [planned revisions to the incentive table](#) for program changes or contact your Energy Efficiency Alliance (EEA) coordinator.**

#### Changes to lighting measures:

##### *Retrofit highlights*

California's retrofit lighting incentives have been restructured to accommodate the enormous growth in potential fixture combinations. To address this complexity, incentives will only be based on the installed lighting, regardless of the existing lighting. However, energy savings will continue to be based on the existing and proposed fixture combination and quantities. A summary of the changes can be seen below.

- The energy efficiency project cost cap for incentives will be increased from 60% to 70%.
- Some incentives will be provided on a per lamp basis instead of a per fixture basis.
- Eligibility requirements for premium efficiency T8 fluorescent lamps and ballasts will be modified to match qualifying requirements of Consortium of Energy Efficiency (CEE). Please visit [www.cee1.org](http://www.cee1.org) for more information.
- Eligibility requirements for High Bay T8s will be modified to match CEE high-performance lamp requirements. Federal efficacy standards for lamps have changed and become effective in 2012, therefore incentives for standard T8 fluorescent lamps and ballasts will no longer be available effective July 14, 2012. For more information on these changes and access to a promotional flyer to help educate customers, please visit the [Pacific Power](#) website.
- Delamping incentives will be modified so that only premium efficiency lamps and ballasts are eligible; standard T8 fluorescent lamps will not be eligible for delamping incentives.
- Hard-wired CFL measures will be consolidated into one measure for all wattages.
- Timeclock incentives will be discontinued.
- Incentives for relamps will be reduced.
- Control measures will be added for advanced daylighting control.
- An additional incentive for dimming ballasts that are installed and controlled by qualifying occupancy or daylighting control will be added.
- Incentives for LED message center signs will change from a pay-for-savings approach to a prescriptive incentive per lamp.
- Prescriptive incentives for qualifying Light Emitting Diode (LED), induction and cold cathode measures will be added. Please refer to the revised LED policy published in our "January 2012" newsletter and available at [pacificpower.net/alliance](http://pacificpower.net/alliance).
- Incentives for metal halide pulse starts are now offered only for fixtures greater than 500 watts.

##### *New construction/major renovation highlights*

California's new construction/major renovation lighting incentives have also been restructured to increase flexibility, promote lighting design and encourage the installation of market-ready technologies. The new incentive structure for interior lighting is a pay for savings approach with the California Energy Commission's 2008 Building Energy Efficiency Standards (Title 24) as baseline for interior lighting and controls. A summary of the highlighted changes can be seen below.

- The total lighting power density (LPD) for interior lighting projects must be more than 10% below the Title 24 2008 LPD requirement.
- New prescriptive measures have been added for exterior lighting and controls.

#### Changes to motor measures:

- The maximum motor size for Green Motor Rewinds will be increased from 500 horsepower to offer incentives for green motor rewinds up to 5,000 horsepower.
- The green motor rewind eligibility requirement will remove the retrofit only restriction.

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#### Changes to building envelope measures:

- Incentives for the Cool Roof measure will be discontinued.
- Minimum efficiency requirements for window assemblies will be tightened to  $U \leq 0.30$ .

#### Changes to HVAC measures:

- The new Integrated Energy Efficiency Ratio (IEER) metric will be added to air conditioning and heat pump equipment minimum efficiency requirements. This metric is an alternative to the current Integrated Part-Load Value (IPLV) values used to determine equipment eligibility for some air conditioners and heat pumps.
- Incentive levels for evaporative cooling equipment will be increased to \$0.06 per CFM, or \$78 per ton.
- Incentives for unitary HVAC and heat pumps will be reduced by \$25 per ton to align more closely with other utilities' incentives.
- Minimum efficiency requirements will be raised for PTAC and PTHP equipment to be higher than federal minimum efficiency requirements going into effect on September 30, 2012.

#### Changes to food service measures:

- Incentives will be offered for high-efficiency refrigerated beverage vending machines that meet minimum efficiency requirements. These new incentives are available only through August 31, 2012.
- Incentives for display cooler occupancy sensors will be discontinued.
- Minimum efficiency requirements will be modified for commercial refrigerators and freezers to align with ENERGY STAR<sup>®</sup> specifications which include glass-door refrigerators and freezers, and chest refrigerator/freezer configurations in addition to the solid-door refrigerators and freezers currently eligible for incentives.
- A second high-efficiency tier will be added with more stringent eligibility requirements and higher incentives for electric insulated holding cabinets, electric steam cookers, electric griddles and electric commercial fryers.

#### Changes to irrigation measures:

- New measure for irrigation pump VFDs with an incentive based on annual energy savings will be added.
- The incentive table has been reorganized to align with irrigation system types and wording has been modified to improve clarity.
- Eligibility criteria for brass impact sprinklers will be modified to include other types of impact sprinklers that may be constructed of materials other than brass.

#### Changes to appliances:

- Incentives will be discontinued for ceiling fans due to new federal manufacturing standards.

#### Changes to compressed air, irrigation and farm and dairy:

- For compressed air the 75 horsepower system size constraint for the zero loss condensate drain measure has been removed. Zero loss drains in any size system will be eligible for incentives.
- For automatic milker takeoffs, incentives are available for retrofits only, and not for replacement of existing automatic milker takeoffs except where Pacific Power permits as a custom energy efficiency incentive.

### Contact information

#### Program contacts for EEA participants:

##### Lighting retrofits and new construction/major renovation and all others:

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##### Compressed Air, Irrigation or Farm and Dairy:

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