2011-2012 Motor

Instructions for completing the Retrofit MOTOR Rebate Worksheet

General Notes:

1. This application is for replacing existing operating motors with new higher efficiency motors.
2. Rebates will be provided to purchase premium efficiency motors of the same size (or smaller) horsepower.
3. The existing and proposed motor speed should match speed of the motor as closely as possible. It is suggested that the new motor be no more than a 10-rpm or 0.5% increase in speed. (i.e., do not replace a 1750-rpm motor with one rated at 1780 rpm.)
4. NEMA Nominal efficiency nameplate ratings are tested in accordance with IEEE Standard 112, Method B. To ensure that the motor will perform well, the customer should check its NEMA design code, insulating class, and service factor.
5. Invoices will be required for payment of rebates.
6. The rebate, in conjunction with all other sources of funding, cannot exceed the total project cost.

Eligibility Requirements:

1. The existing motor must be in-place and operational at the time of pre-inspection.
2. Failed, end of life and new motors must apply for rebates the under the Motor Rebate in the New Equipment and Construction Program.
3. Program covers motors from 1 to 200 HP. Motors over 200 HP may be eligible under the Custom Retrofit Program.
4. Motor must operate at least 2000 hours per year to be eligible for rebates.
5. Motors must be new, three phase induction motors, NEMA Design A & B, 1 – 200 HP, Open Drip Proof (ODP) or Totally Enclosed Fan Cooled (TEFC), 1200, 1800, or 3600 RPM.
6. The rebate offer is not valid unless the Motor rebate form is fully and accurately completed, signed and dated by the customer and the vendor. The Customer also agrees that they have read and comply with the eligibility requirements.

Pre-installation:

1. Review eligibility requirements.
2. Review specifications for the proposed equipment to confirm it meets the minimum efficiency requirements.
3. Provide to the utility representative the manufacturer's equipment specifications and record the following information on the worksheet:
    - Motor manufacturer, model, size (HP), and speed, (1170 rpm, 1780 rpm, 3620 rpm, etc.):
    - Motor Type (Open drip proof (ODP) or totally enclosed fan-cooled (TEFC))
    - Motor function (i.e. fan, pump, etc.) and motor location (mechanical room 1st floor, cafeteria, etc.)
    - annual motor operating hours (must be >=2000 hours), motor quantity
    - rebate amount for each new motor (from one of two tables on lower half of rebate worksheet)

RETROFIT MOTOR REBATE WORKSHEET

Item	Manufacturer & Model Information	Motor Size (HP)	Motor Type (ODP/TEFC)	Motor RPM	Motor Function	Location	Annual Operating Hours	New Motor Efficiency	Rebate ($)	Quantity of Motors	Total Rebate ($)
Existing	***GE 122***	***30***	***TEFC***	***1800***	***fan***	***AH-2***	***6570***	***89***		***2***	
New	***GE Model PE123***	***30***	***TEFC***	***1800***	***fan***	***AH-2***	***6570***	***93.6***	***$465***	***2***	***$930***
New	New Motor nameplate	This information can be obtained directly from motor nameplate			"	"	"	Actual Nameplate Data	See Table		

Post Installation:

Utility Representative must verify that:

1. The motor has been installed and is operable.
2. The motor matches the information on the rebate application. If the motor has changed from what was approved for the initial rebate offer, the substituted motor specifications must be submitted, reviewed to verify compliance with technical requirements and approved before a rebate is considered.
3. The existing motor information has been recorded.
4. The invoice or proof of payment has been submitted.
5. The Utility Representative & Customer have signed & dated the post installation inspection block on the rebate form.