



Motors and Variable Speed Drives

MotorUp:

- Motor Up is discontinued in 2011. Due to Energy Independence and Security Act of 2007 (EISA) all general purpose motors manufactured in the US must be NEMA Premium Efficiency as of December 2010.

VFDs:

- Customers can still receive an incentive for motor replacement as part of a VFD installation from the Retrofit VFD-Motor Combination incentive.
- The Retrofit VFD and Retrofit VFD-Motor incentives have increased significantly in 2011 and eligibility requirements are the same as 2010.
- New Construction VFD incentive amounts are the same as 2010 however the eligibility requirements have changed since VFDs are now required by code on some larger motors



Cool Choice

- Two Tier Level offering **greater incentives** for increased performance !
- **New** prescriptive offering for Evaporative-Cooled Air Conditioning Systems
- Expanded prescriptive offering for Ground Source Heat Pump equipment
- Qualifying efficiency levels reflect the nationally recognized **CEE standards**
- Reduced Incentives reflect improved Building Code – IECC 2009



HVAC Chillers

- Code is more stringent equipment must be **more efficient** for the same incentive as last year
- Some size categories have changed
- “Oil Free” compressors may be called Turbocore, Mag Lev or Magnetic bearing - multiple manufacturers



Energy Management Systems

\$225/ point for all size buildings

- Building Size Range: 5,000 – 40,000 sq.ft.
Qualifying Points 16 electric & 4 gas
- Building Size Range: 40,001 – 80,000 sq.ft.
Qualifying Points 48 electric & 12 gas
- Building Size Range: 80,001 – 200,000 sq.ft.
Qualifying Points 128 electric & 32 gas



Compressed Air

The Compressed Air incentive merged the 2010 new construction and retrofit incentives

- 15-75 hp
- Load/No Load \$100 per hp
- VSD \$200 per hp

New incentives for Zero-Loss Condensate Drains

- \$125 per drain

Low Pressure Drop Filter Incentives

- \$0.80 per standard cfm



Advanced Buildings – New Construction

- Comprehensive suite of **prescriptive** measures that should result in 15% to 25% savings versus code.
- Incentive is **\$1.50 / SF** plus two free lighting, MEP, and envelope review reports and free technical support
- **STRETCH CODE!!** Up to 50 communities in MA that must, by law, comply with Advanced Buildings or CDA for all new construction. These buildings are still eligible for incentives.