



AC TUNE-UP MEASURE GUIDANCE

SMALL BUSINESS DIRECT INSTALL AND BUILDING TUNE-UP PROGRAMS

INCENTIVES

- **SBDI** – 80% of measure cost up to a cap of \$5.00/kWh
- **Building Tune-Up** – 75% of measure cost up to a cap of \$1.20/kWh. Tune-ups may be done as a stand alone measure. AC tune-ups need to be paired with another non-lighting energy savings measure

AC TUNE-UP SCOPE

- Tuning measures may include:
 - Air flow adjustments
 - Condensate drain line cleaning
 - Cleaning and straightening coils and fans
 - Air filter replacement
 - Refrigerant charge correction
 - Damaged insulation repair
- The existing superheat and subcool temperatures must be brought to within 5°F of the target/required temperatures for the system.
- Condenser coil and evaporator coil cleaning is mandatory.
- Refrigerant charge adjustment is mandatory if the Program Ally is using the test-in test-out methodology. This must be done as per the RTU manufacturer's specifications.
- Tune-up should be performed by a certified technician.
- The current system must be operational.
- A unit is eligible for a tune-up once every five years.
- Maximum unit size is 25 tons.

ENERGY SAVINGS GUIDELINES

- Program Allies will need to choose the deemed 5% EER improvement or use a test-in test-out method. The two methods cannot be blended.
- The maximum allowable savings to be claimed using the test-in test-out methodology is a 10% EER improvement.
- Willdan will post inspect all projects.
 - Willdan will conduct an engineering/desk review of supplied data for efficiency claims.
 - Willdan may verify cleaned coils and check refrigerant as part of regular evaluation.
 - Evaluator recommended 8% as actual achieved energy savings average. Willdan will investigate project details prior to approving projects with savings far above this range.

REQUIRED DOCUMENTATION

- ✓ Provide all test documentation including refrigerant side temperatures and pressures.
- ✓ Contractors are required to use devices and electronic data collection systems (such as measure quick, imanifold) that can automatically transfer readings from the tests to electronic devices.
- ✓ Pictures are required showing the test readings before and after tune-up.
- ✓ Pictures and data recordings must be time-stamped.
- ✓ If all the required documentation (including refrigerant temperature and pressures) is not provided, savings will not be awarded for the HVAC unit.

For additional questions about the SBDI Program offered by Potomac Edison and EmPOWER, please contact:

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