



Enhanced Unitary HVAC Energy Efficiency Evaluation

Chesapeake Smart Energy Solutions is a Participating Service Provider for the HVAC Efficiency Service Program for the following Energy Companies:

Baltimore Gas and Electric - Pepco - Delmarva – SMECO



EmPOWER Maryland

- In 2008 the Maryland Legislature passed the EmPOWER Maryland Act
- It requires all Maryland utilities to actively help their customers be more energy efficient
- MD Energy Companies are currently required to save 2% of its electricity sales per year
- To accomplish this goal Energy companies give financial incentives for energy efficiency strategies like the **Enhanced Unitary HVAC Efficiency Service**
- **Governor Executive Order** to Increase Building Efficiency. The administration goal of the initiative is to reduce energy consumption in state buildings by 10% by 2029.
- As a Certified Service Contractor, **Chesapeake Smart Energy Solutions** can help you take advantage of this incentive



Program Overview

- **The HVAC Smart Energy Savers Program...**
- Helped **83,917** commercial, government and industrial program participants be more competitive through reduced operating costs
- Saved Marylanders over **\$6.3B** in lifecycle energy savings
- Eliminated greenhouse gas emissions from the equivalent of **814,099** cars
- Reduced consumption by **4,226,000** MWh
- Created thousands of Maryland Jobs



Benefits to customer

- Average customer saved 13% in 2018
- Reduced energy consumption
- Extend the life of your existing HVAC Equipment
- Reduce unexpected Efficiency cost
- Increase occupant comfort and safety
- Avoid failures during the hot summer months
- Improvements to the environment



A typical evaluation includes:

For Unitary AC or Split AC Units Roof Top or Ground Units with a minimum of 3 Tons

- Measurement of airflow across the evaporator coil
- Verification and adjustment of proper ventilation and air flow
- Measurement of proper amperage and voltage for the system
- Measure Cooling Temperature in and out of unit
- Verification of proper economizer operation
- Check belts and hoses
- Filter Replacement
- Clean Evaporator and Condenser coils



Already Have A Maintenance Contract?

HVAC Efficiency program was designed to enhance your present HVAC Contracts not replace them!

- **We inspect and test each unit's efficiency rating before and after Efficiency**
- **We report the results of the inspection and make suggestion for increased efficiency**
- **We do not make any repairs or fix any problems**
- **You can give the report to your present contracted company if any problem exist**
- **Efficiency contracts general fix problems when they happen**
- **The Enhanced Efficiency Service locates problems before they happen**



Savings and Incentives

- EmPOWER Maryland's Enhanced Unitary HVAC Efficiency Services can help you cut your energy bills up to 20% and extend the life of your existing equipment.
- **Plus the rebate we receive from EmPOWER Maryland covers the entire cost of the HVAC Efficiency Service**
- You can **save** \$175–\$250 for the HVAC Service Efficiency on all of your 3 ton or more units, with additional incentives available for economizer and outdoor air ventilation enhancements.



Who can participate?

- **Government**
 - State of Maryland (Present Customer)
 - All County
 - All Local
 - All Municipalities
 - Schools / College
- **Commercial**
 - All Commercial buildings and Businesses
 - Retail Stores
 - Warehouse Buildings
 - Industrial Plants
 - Apartment Complexes
 - Restaurants
 - Car Dealers



Q & A

- **Does this effect my present HVAC Efficiency Contract?**

No: It will never disrupt the flow of your present HVAC relationships, it will enhance it. We do not do repair work. We will give you a complete report on the efficiency of each unit.

- **I already have a Efficiency contract. Should I do this?**

YES: Efficiency contracts do not perform a tune up, just a cleaning. Even if your unit is new they rarely tune it properly before leaving. We also give you a complete analysis of your units efficiency which includes worn out parts.

- **Will Chesapeake Smart Energy Solutions Replace bad parts ?**

No: We do not replace any parts or do any service work outside of the Tune up service. We will provide you with a report with recommendations and suggestions to give to your present HVAC service company.

- **Is there a limit to how many units I can have the Tune up service?**

No: As long as its 3 tons or more and not a residential unit

- **How long does a tune up take and how often can I get this service ?**

About 30 minutes per unit, and can be serviced again every 3 years

- **Can this service be preformed year round?**

Delmarva and Pepco can be serviced year round, BGE and SMECO can only be serviced when Temp is 70 degrees

- **What areas qualify?**

All Empower Service areas in Maryland

- **Will my energy bill or fees go up after service?**

No: There will not be any increase or additional fees or charges on your energy bills

- **Will we receive a bill from Chesapeake Smart Energy Solutions?**

No: You will never get a bill or charge from Chesapeake Smart Energy Solutions



Some Satisfied Customers

State of Maryland
Denton court House
Columbia Mall
Target
CVS
Wall Mart
Dunkin Donuts
Clarion Hotel
Princess Hotel
Dolles Candie
Beltway fine Wine
Brick Bodies

NAI Michaels Property Mang
Bernstein Property Mang
Gardner & Gardner Property Mang
La Fontaine Bleue
Mikes Crab House
Cromwell Storage
Burwood Shopping Center
Kirkpatrick Shopping Center
La Plata Shopping Center
Waldorf Auto Group (19 Dealerships)
Academy ford
Restaurant Association of Maryland

And thousand's more.....



How to Participate

Please have the following information available prior to beginning:

Step 1:

Business Contact Information:

- Mailing Address
- Equipment Address
- Phone
- Email
- Energy Company Account Number

Step 2:

Please fill out and sign your present energy companies' terms and conditions form found on our web site.

- Baltimore Gas and Electric
- Delmarva
- Pepco
- SMECO

Step 3:

Please fill out the HVAC Equipment Worksheet found on our web site.

Step 4:

Please Signed Terms & Conditions Form along with the Completed HVAC Equipment work sheet and send to Chesapeake Smart Energy Solutions or upload all documents on our web site for pre-approval.

Pre-approval from your Energy Company is required for all customers. Prior to performing an HVAC Efficiency, the customer must receive written approval. Once received Chesapeake Smart Energy Solutions will perform necessary Efficiency and adjustments to achieve a minimum System Effective Efficiency increase of 10% as confirmed by post-testing.

All forms can be downloaded at: www.HVAC-Tuneup.com



Get Started Today!

Chesapeake Smart Energy Solutions is a Certified Participating Service Provider for your energy company in MD through the EmPOWER Maryland Smart Energy Savers Program.

Chesapeake Smart Energy Solutions will work with you to complete and submit the Unitary HVAC Efficiency Survey and HVAC Incentives application form to get your project approved.

To Request an appointment:

Contact: Daniel Stroup

Cell: 443-889-8872

Main: 800-712-4650

Email: service@hvac-tuneup.com

Web: HVAC-Tuneup.com