



Green Home Certification

Energy Efficiency

What is Green Home Certification?

The Green Home Certification is a Takoma Park program to help residents learn how to save energy at home. The program helps Takoma Park meet its goals to reduce greenhouse gas emissions, and win the \$5 Million Georgetown University Energy Prize. Residents will be able to work towards new certifications each year. *Future Green Home Certification themes may include: Zero Waste, Transportation, Backyard Habitat, and more!*

There are three levels of Green Home Certification: Light Green, Medium Green, and Dark Green. Certifications checklists are not rigid. For example, if you have completed most actions from Light Green, some from Medium, and some from Dark Green, you likely will qualify for a Medium Green Certification.

Energy Coaching:

The Takoma Park Sustainability Manager is available to:

- Review your Energy Audit report as a second opinion
- Review proposals from insulation contractors, HVAC, contractors, and other companies
- Help you identify opportunities to save energy at home
- Compare energy saving potential of improvements or equipment
- **REBATES! There are THOUSANDS of dollars available in rebates from Pepco, Washington Gas, Montgomery County, and even Takoma Park.**

Gina Mathias, Sustainability Manager

City of Takoma Park, Department of Public Works

31 Oswego Ave., Silver Spring, MD 20910

ginam@takomaparkmd.gov

301-891-7623



Every household earning a Green Home Certification will receive a yard sign with the corresponding certification sticker. Those earning Dark Green Certification will also receive a sustainably grown and harvested, locally made wood plaque.

Application & Instructions:

1. Fill out contact information below.
2. Check off actions you have completed in your home. Partial submissions will be accepted. You may also update an existing application at any time to earn the next level.
3. Scan and email, mail, or drop off to:

Gina Mathias, Sustainability Manager

City of Takoma Park, Department of Public Works

31 Oswego Ave., Silver Spring, MD 20910

ginam@takomaparkmd.gov

301-891-7623

Household Primary Contact Name(s)	
Property Address	
Phone Number	
Email Address	
Number of Adults and Children in home	_____ Adults _____ Children
Green Certification Level Applying for	<input type="checkbox"/> Light Green <input type="checkbox"/> Medium Green <input type="checkbox"/> Dark Green
Notes:	

Light Green Certification

The Light Green Certification requires a commitment to completing basic activities designed to get households started on going green and saving energy. To earn Light Green Certification your household must:

Name: Address:	Single Family home	Apartments and Renters
Complete a <u>free</u> PEPCO Quick Home Energy Checkup (including installation of recommended free improvements) <i>-Best for apartments-</i> -or- Get a Comprehensive Home Energy Audit as part of the PEPCO Home Performance with Energy Star Program. Visit https://homeenergysavings.pepco.com/home-performance-with-energy-star-program for more details. The TKPK Sustainability Manager can coach you through the process. <i>Typically costs \$100. -Best for single family homes-</i>	<input type="checkbox"/> Report Attached	<input type="checkbox"/> Report Attached
Activate a free MyAccount online with Pepco (for those with internet access or smart phone).	<input type="checkbox"/>	<input type="checkbox"/>
Provide annual utility data via copies of your bills (account number blacked out) or a spreadsheet of one year's usage, including gas and electric.	<input type="checkbox"/>	<input type="checkbox"/>
Replace ALL lightbulbs in home/unit with either CFLs or LEDs (Get up to 16 free CFLs during your Pepco Quick Home Energy Check-up, and purchase discounted bulbs from Strosnider's Hardware, Home Depot and other retailers).	# CFLs # LEDs	# CFLs # LEDs
Introduce yourself to three or more of your neighbors and encourage them to get Green Home Certified.	# Neighbors Reached	# Neighbors Reached
Set thermostat between 66 and 70 degrees F in winter (and lower when building is unoccupied) and between 74 and 78 degrees F in summer (and higher when building is unoccupied).	Temps:	Temps:
Turn off all lighting, appliances, and electronic devices when not in use. Install power strips to make it easier.	<input type="checkbox"/>	<input type="checkbox"/>
Sign up for and participate in Takoma Park's Curbside Food Waste Collection program. (may not apply to buildings with more than 12 units)	<input type="checkbox"/>	<input type="checkbox"/>
Make sure furniture, curtains, rugs, and dust are not blocking air vents or registers.	<input type="checkbox"/>	<input type="checkbox"/>
On winter days, open shades on windows that allow direct sunlight to enter to help heat your home. On summer days, close the shades to block the sun's rays to keep your home cool.	<input type="checkbox"/>	<input type="checkbox"/>

Medium Green Certification

The Medium Green Home Certification requires a commitment to completing not just basic activities designed to save energy, but taking additional steps to maximize efficiency.

Name:	Single Family home	Apt. and Renters
Address:		
All Light Green Requirements Met – please check off boxes in Light Green section.	<input type="checkbox"/>	<input type="checkbox"/>
Get a Comprehensive Home Energy Audit as part of the PEPCO Home Performance with Energy Star Program. Visit https://homeenergysavings.pepco.com/home-performance-with-energy-star-program for more details. The TKPK Sustainability Manager can coach you through the process. <i>Typically costs \$100.</i>	<input type="checkbox"/>	N/A
Increase or verify attic insulation to R49*. Insulate and seal basement rim joists, and address major areas of concern identified in your Comprehensive Home Energy Audit Report.	<input type="checkbox"/>	N/A
Tighten the building envelope to seal air gaps in the attic, basement, living spaces, and around doors and windows.	<input type="checkbox"/>	N/A
Block window and door drafts by using draft stoppers, heavy curtains, and window film. Ask your landlord to caulk around drafty windows and doors, or ask if you can DIY.	N/A	<input type="checkbox"/>
Replace or install faucet aerators with a target flow rate of 0.5 gallon per minute on all lavatory faucets.	<input type="checkbox"/>	<input type="checkbox"/>
Set refrigerator temperatures between 35 and 38 degrees F and freezer temperatures between 0 - 5 degrees F. FR Temp: _____ FZ Temp: _____	<input type="checkbox"/>	<input type="checkbox"/>
Care for your trees. Trees can reduce your energy use! Ensure proper watering, trimming, disease prevention, pest removal, and protection from damage to roots, branches, and trunk.	<input type="checkbox"/>	N/A
Use natural ventilation instead of air conditioning when possible (e.g., open windows at opposite ends of space and turn off cooling system to facilitate cross breezes).	<input type="checkbox"/>	<input type="checkbox"/>
Only run full loads in the dishwasher or washing machine.	<input type="checkbox"/>	<input type="checkbox"/>
Wash clothes on the COLD cycle. <i>New detergents work equally well with cold water.</i>	<input type="checkbox"/>	<input type="checkbox"/>
Air dry your clothes instead of using the dryer as frequently as possible. A collapsible rack is a great option for apartments.	<input type="checkbox"/>	<input type="checkbox"/>
Regularly check for and repair all water leaks in your home.	<input type="checkbox"/>	<input type="checkbox"/>
Clean your refrigerator coils every 6 months. <i>TIP: Set a calendar reminder.</i>	<input type="checkbox"/>	<input type="checkbox"/>
Replace your furnace filter every 3 months and Service your heating and cooling system annually. <i>*TIP: Buy 4 at a time, and set a calendar reminder so you don't forget!</i>	<input type="checkbox"/>	<input type="checkbox"/>

Dark Green Certification

The Dark Green Home Certification demonstrates a deep commitment to going above ordinary measures to save energy and make environmentally friendly choices at home. To earn Dark Green Certification your household must:

Name: Address:	Single Family Homes	Multi-Family & Rental Homes
All Light Green and Medium Green Requirements Met – please check off boxes in Light Green and Medium Greens sections.	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes
If replacing or upgrading windows and doors, install ENERGY STAR models. Install storm windows or window inserts on old windows if not replacing.	<input type="checkbox"/>	Not Applicable
Purchase clean, renewable energy through a competitive supplier. Refer to the Sustainability Manager for a current list of suppliers in Maryland. You can purchase offsets if your utilities are included in your rent.	<input type="checkbox"/>	<input type="checkbox"/>
Sign up for Pepco’s Energy Wise Rewards program (you may need landlord permission).	<input type="checkbox"/>	<input type="checkbox"/>
Help enroll your building in a pilot project for Takoma Park’s Curbside Food Waste Collection Program.	Not Applicable	<input type="checkbox"/>
Deliver energy-saving information packets to your landlord, encouraging them to make energy efficiency improvements through Pepco’s Small Business program - which offers rebates and incentives. The Sustainability Manager can help you.	Not Applicable	<input type="checkbox"/>
Shade sun-exposed windows and walls by planting shade trees and shrubbery, using awnings and sunscreens, or applying window film or other treatments to reduce solar heat gain (especially on south and west facing single-pane windows).	<input type="checkbox"/>	Not Applicable
Install and use ceiling fans for air circulation. If you rent, use oscillating or box fans. Turn them off when not in the room, fans cool YOU, not the air.	<input type="checkbox"/>	<input type="checkbox"/>
Insulate all accessible hot water pipes.	<input type="checkbox"/>	Not Applicable
Install motion detectors on outdoor lighting. Renters—only if applicable.	<input type="checkbox"/>	<input type="checkbox"/>
Install low-flow showerheads, 1.5 gallons per minute (gpm).	<input type="checkbox"/>	<input type="checkbox"/>

Dark Green Certification Continued

Name: Address:	Single Family Homes	Multi-Family & Rental Homes
Place cable box, modem, and wireless routers on a timer switch or power strip, to turn off while at work and while sleeping.	<input type="checkbox"/>	<input type="checkbox"/>
Replace high use non-ENERGY STAR electronics older than 10 years (television, dehumidifier, etc.) with new ENERGY STAR models.	<input type="checkbox"/>	<input type="checkbox"/>
Update outdated HVAC equipment to ENERGY STAR Certified options.	<input type="checkbox"/>	Not Applicable
Replace (or ask management to replace) refrigerators, freezers, dishwashers, water heaters, washing machines, and dryers purchased before 2000 with new ENERGY STAR labeled models.	<input type="checkbox"/>	<input type="checkbox"/>
Replace , retrofit or ask management to upgrade lighting to LEDs in and around your home or building. Payback is typically less than a year, and Pepco offers rebates in most situations.	<input type="checkbox"/>	<input type="checkbox"/>
Install on-site renewable energy systems such as photovoltaic, solar water heating, geothermal, or pellet (or corn) stove heating. If you cannot install renewable energy, consult with the Sustainability Manager for a suitable alternative for your home.	<input type="checkbox"/>	Not Applicable
Install (or verify) programmable thermostats, and program them for occupied and unoccupied times. Renters, ask your landlord, you can even get free a programmable thermostat from Pepco's Energy Wise Rewards program or a \$30 rebate from Washington Gas.	<input type="checkbox"/>	<input type="checkbox"/>

Other Energy-Saving Actions / Substitution Requests: