RIVERDALE PARK

Municipal Energy Audit

In the fall of 2010 the Town of Riverdale Park (the Town or TRP), under the auspices of the Maryland Energy Administration's (MEA) EmPOWER Energy Efficiency and Conservation Block Grant (EECBG) program, contracted an energy services company to perform energy audits on its municipal buildings. The firm, Khepra Energy Group (a MEA Technical Assistance Team member), performed a field audit showing preliminary energy savings and financial analysis of energy efficiency improvements for the Town.

The 2010 energy audit team reviewed energy usage at three Town buildings: the headquarters of the Town police department, the mayor's office and the Town's primary public works building. The energy audit team recommended three primary energy efficiency upgrades:

1) Upgrading the gas furnace serving the police department headquarters,
2) Upgrading the gas furnace serving the mayor's office, and
3) Upgrading the efficiency of the lighting in the public works building.

In the 2017 recertification, the Town reported that they implemented one recommendation of the 2010 energy audit, by replacing with LED bulbs those in the Department of Public Works at 5012 Queensbury Road. The Public Works Department replaced a total of 240 bulbs. Since June 2017, TRP has continued to replace all lighting in the Police Department building with LED light bulbs.

Following up on the initial energy audit performed in 2010, TRP is currently looking into maintaining a working database of its own energy data to keep track of progress in reductions of energy usage. In this pursuit, TRP collaborated with students from UMD's Environmental Science and Policy Program in Fall 2019. The UMD students found the Energy Star "Portfolio Manager" program for TRP staff to fill in to track and evaluate their energy usage. The UMD students trained TRP staff how to complete the Energy Star database and provided an informational pamphlet in December 2019. The pamphlet includes helpful links to a Quick Start guide and instructions how to get data, fill it in, and use the spreadsheet of energy data. In June 2020, TRP staff is amending their data entry process so that they can keep track of TRP's energy data with this database moving forward. The TRP Sustainability Committee plans to have a workshop or meeting with TRP staff in summer 2020 to discuss how to properly fill in the information moving forward and to assist TRP staff in tracking TRP's energy usage data.

Additionally, now that the TRP Town Hall Renovation has begun in 2020 and the previously planned flat EPDM white rubber roof installation was completed in June 2020, TRP staff are planning to replace two roof top heating and air conditioning units in summer 2020, one for the Mayor's Office and the Police Department building. The Public Works building has limited energy efficiency as a large garage with often open doors, so there is no air conditioning in the Public Works building. TRP staff is awaiting specifications of the heating and air conditioning units from the architects, but they are planning to get more energy efficient units.

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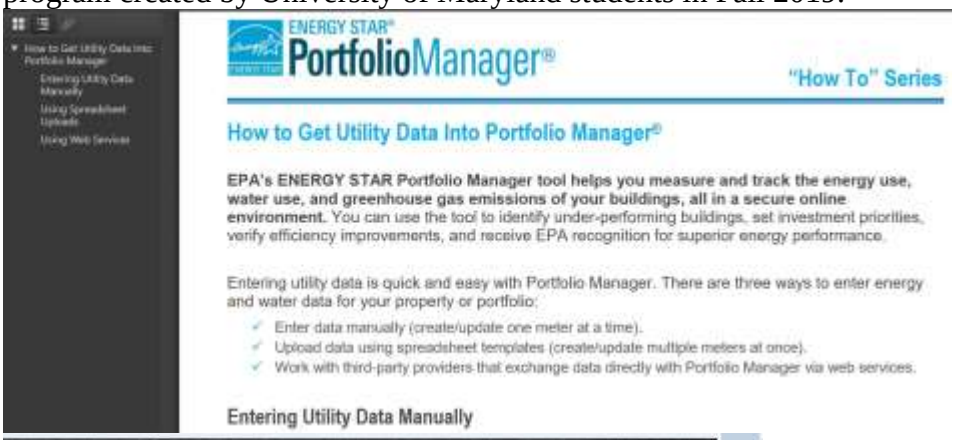
Below are the instructions for the Energy Star Portfolio Manager and the pamphlet about this program created by University of Maryland students in Fall 2019.



ENERGY STAR® PortfolioManager®

"How To" Series

How to Get Utility Data Into Portfolio Manager®

EPA's ENERGY STAR Portfolio Manager tool helps you measure and track the energy use, water use, and greenhouse gas emissions of your buildings, all in a secure online environment. You can use the tool to identify under-performing buildings, set investment priorities, verify efficiency improvements, and receive EPA recognition for superior energy performance.

Entering utility data is quick and easy with Portfolio Manager. There are three ways to enter energy and water data for your property or portfolio:

- Enter data manually (create/update one meter at a time).
- Upload data using spreadsheet templates (create/update multiple meters at once).
- Work with third-party providers that exchange data directly with Portfolio Manager via web services.

Entering Utility Data Manually

ADDITONAL INFORMATION:

HTTPS://WWW.ENERGYSTAR.GOV/BUILDINGS/FACILITY-OWNERS-AND-MANAGERS/EXISTING-BUILDINGS/USE-PORTFOLIO-MANAGER

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Informational Guide to Energy Star: Portfolio Manager

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