



## C. Building on a foundation: Climate action we have taken thus far

In expectation of adopting the Climate Action Plan (CAP), which will achieve one of City Council's three goals for 2018, City Council directed more resources towards achieving climate-related items called out in the Vision Action Plan and the CAP. This work will require a dedicated staff person, as well as some smaller allocations for developing metrics and tracking the City's carbon footprint—both of which are included in the budget.

This budget and work plan expresses the City's commitment to leading the way on energy efficiency and renewables. The City's Ledding Library project is already blazing the path on building efficiency by using 1/6 of the energy the current building consumes and integrating the city's first solar installation. Buildings under construction in downtown will also include significant energy-efficiency measures to comply with a new bonus requirement that buildings achieve a green building standard to secure development of a fifth floor.

Council's goal also plans for the increased focus the City has placed on tree management and improving Milwaukie's total tree canopy. To achieve this, the City has shifted existing resources to increase the number of staff maintaining Milwaukie's natural areas and existing urban forest.

Other actions taken to date related to climate preparedness, mitigation and resilience include:

**Strategic Energy Management:** The City is enrolled in Energy Trust's Strategic Energy Management (SEM) Program. The SEM program is designed to teach businesses and governments how to integrate energy management practices into their operations. Energy Trust provides training, access to experts, context, and examples of best practices. The staff then examines energy usage and cross references use with weather data to identify potential issues. The City's Facilities Division of Public Works investigates any anomalies and makes improvements to the systems.

**Ameresco Contract:** The City of Milwaukie used an Energy Savings Performance Contract (ESPC) contract with Ameresco to identify and implement energy saving improvements, while managing risks inherent in such projects. The Facilities Division of Public Works worked with Ameresco to fund a contract to replace HVAC controls and lighting in City facilities.

**Electric vehicle purchases and PGE "Electric Avenue":** During the last budget cycle the City purchased three Nissan Leaf cars to replace administrative vehicles. Milwaukie has installed a new public charging station and a fleet charging station. Milwaukie was selected to be the sight of a PGE "Electric Avenue" charging station at the intersection of Jackson and McLoughlin Blvd. Milwaukie, due to its compact geographic size, is well suited to plug in electric vehicles.



# CITY OF MILWAUKIE Climate Action Plan

**Solarize Milwaukie Program:** The Solarize Milwaukie program successfully provided education to local homeowners, directed residents to local solar installers, and reduced cost to those participating in the program. Sunlight Solar Energy was the sole solar installation company to service the program. In partnership with the company, Milwaukie hosted a number of solar workshops where residents could ask questions directly to local officials, representatives from Solar Oregon, and solar installers. As a result, fourteen solar systems were installed in 2017.

**SAFE Program:** The Safe Access For Everyone (SAFE) program is a plan to improve safety and access throughout the city and includes a funding mechanism to complete the proposed improvements. It was developed over the course of a year by the City of Milwaukie, Public Safety Advisory Committee (PSAC), Citizen Utility Advisory Board (CUAB), and City Council. In March 2018, Milwaukie City Council authorized \$21 million in bonds to construct numerous sidewalks and paving projects between 2019 and 2021. These bonds will fund the first of three phases that will construct 27.9 miles of sidewalks, four miles of bike lanes and 900 ADA ramps over the next several years.

**Green Energy Purchase:** The City of Milwaukie is currently purchasing approximately 76.7% of its electricity through PGE's Clean Wind Tariff.