



## CITY OF TUMWATER

# 2023 Jurisdiction Work Program Progress Report

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**Progress Made:** January 1, 2023 – December 31, 2023

This Progress Report seeks to communicate progress made in the calendar year of 2023 on the projects initially included in the Jurisdiction Work Program for the City of Tumwater.

## Buildings and Energy Sector

### Strategy B1. Reduce energy use in existing residential buildings.

#### 1. Home Energy Score Audit and Electrification Campaign Pilot (2024 Regional Initiatives)

Progress made in 2023: The City of Tumwater submitted a grant proposal for competitive Energy Efficiency and Conservation Block Grant program (EECBG) funding since Tumwater's population was too small to receive EECBG formula funding like the other TCMC jurisdictions. Unfortunately, our proposal was not awarded. Regardless, the work on this regional initiative continues.

The TCMC Staff Team completed a Phase I Project Plan for Design and Planning of the Residential Energy Efficiency and Electrification Campaign that will consist of three components: a web-based information hub, an advisory support service, and a local incentive and outreach campaign. Thurston County also engaged with King and Pierce counties, and the cities of Seattle, Tacoma, and Olympia to launch a tri-county "Switch Is On" Pilot to serve as the foundational web platform for the local campaign.

The TCMC Staff Team also completed a Project Plan for developing a regionally consistent policy for assessment and disclosure of residential energy performance ratings. It will provide homebuyers and occupants with an assessment of home energy performance, expected energy costs, and recommendations for cost-effective improvements to reduce energy use and costs.

## **Strategy B2. Reduce energy use in existing commercial/industrial buildings.**

### **2. LED lighting**

Progress made in 2023: City Facilities staff replace light bulbs in facilities with LEDs on an as-needed basis. Additionally, Facilities staff completed some comprehensive LED lighting retrofits throughout the City, including the golf cart barn at the Tumwater Valley Golf Course.

## **Strategy B3. Reduce energy use across building types.**

### **3. All-Electric Buildings Webpage**

Progress made in 2023: This website was launched at <https://www.ci.tumwater.wa.us/departments/water-resources-sustainability-department/sustainability/all-electric-buildings> and incentives and rebates are included at <https://www.ci.tumwater.wa.us/departments/water-resources-sustainability-department/sustainability/all-electric-buildings/electrifying-rebates-incentives>. Additional educational resources are now available at [wa.switchison.org](http://wa.switchison.org).

## **Strategy B4. Reduce energy use in new construction or redevelopment.**

### **4. State Building Code Updates**

Progress made in 2023: None; code adoption deadline extended into 2024.

## **Strategy B5. Increase the production of local renewable energy.**

### **5. SolSmart Designation**

Progress made in 2023: The City of Tumwater achieved SolSmart Silver Designation in 2023. The City was awarded all 210 points applied for across the categories of permitting & inspection, planning & zoning, government operations, community engagement, and market development. Achieving more than 200 points means the City is ready to achieve Gold accreditation once the Community Development Department is ready to declare a 3-business day turn-around time for solar permits. See the City Solar Landing Page at [www.ci.Tumwater.wa.us/Solar](http://www.ci.Tumwater.wa.us/Solar) and the Solar Dashboard (updated monthly) at [www.ci.Tumwater.wa.us/SolarDashboard](http://www.ci.Tumwater.wa.us/SolarDashboard).

### **6. Solar + Storage Feasibility Assessment**

Progress made in 2023: The City of Tumwater was awarded \$29,800 to complete site assessments, community engagement, feasibility assessments, and preliminary design of combined solar and battery storage at the Tumwater Timberland Library and Tumwater City Hall. This project will be completed by Summer 2024.

### **Strategy B6. Convert to cleaner fuel sources.**

See Project #1: Home Energy Score Audit and Electrification Campaign Pilot (2024 Regional Initiatives)

## **Transportation and Land Use Sector**

### **Strategy T1. Set land use policies that support increased urban density and efficient transportation networks and reduce urban sprawl.**

#### **7. Comprehensive Plan Periodic Update**

Progress made in 2023: In 2023 the City of Tumwater applied to several Washington Department of Commerce grant programs to secure funding to support the periodic update of our Comprehensive Plan, including Development Code amendments. Much of that funding was awarded, including \$420,000 for the development of the Climate Change Element and related Bicycle and Pedestrian Plan in the Transportation Element. In 2023, City Staff also worked on establishing a timeline and community engagement plan for the effort's launch in 2024.

#### **8. TCMP Related Development Code Amendments**

Progress made in 2023: Progress in 2023 on this item is reflected in the above entry for the Comprehensive Plan Periodic Update.

### **Strategy T2. Increase efficiency of the transportation system.**

#### **9. Traffic Signal Controller & Detection Upgrade**

Progress made in 2023: The preliminary engineering for this project was authorized by the Washington Department of Transportation.

#### **10. I-5/Trospen Road/Capitol Blvd Reconfiguration**

Progress made in 2023: Construction of one of the three roundabouts was completed.

#### **11. X Street Roundabout**

Progress made in 2023: The right-of-way extents were determined, and right-of-way acquisition is planned for 2024.

### **Strategy T3. Increase adoption of electric vehicles.**

#### **12. Fleet Electrification Plan**

Progress made in 2023: City Staff completed a Fleet Electrification Assessment using the Electrification Coalition's DRVE tool. This assessment was accompanied by an internal memo suggesting a process of Fleet purchase reviews annually by the internal Green Team. According to the estimated vehicle replacements, the City will replace up to 66 vehicles with EVs, install 50 charging stations for fleet use, and displace 70% of its gasoline use by 2030.

#### **13. Public EV Charging**

Progress made in 2023: In April 2023, the City completed the installation of three (3) Level 2 EV charging stations at City Hall. These charging stations are intended for both public and workplace charging and are available at no cost. Additionally, the City was awarded funding from the Washington Department of Commerce to purchase a solar-powered EV charger to deploy at Pioneer Park. As of February 2024, the City is awaiting the grant agreement from Commerce and will commence work on this project once that agreement is fully executed.

#### **14. Energy Code Adoption**

Progress made in 2023: The deadline to adopt the State Building Code updates, including the Energy Code, was extended to March 2024. As such, we're waiting for those changes to be finalized by the State Building Code Council and then will adopt those updates.

### **Strategy T4. Increase the use of public transit.**

No current projects.

### **Strategy T5. Increase use of active forms of travel and more efficient commute modes.**

#### **15. Linwood Avenue Sidewalk, Sustina Lane to 2<sup>nd</sup> Ave**

Progress made in 2023: The design for this project is in progress.

#### **16. Tumwater Hill Neighborhood Park Trail Improvements**

Progress made in 2023: This project is currently on hold due to capacity constraints for in-house design.

#### **17. Deschutes Valley Trail – E Street**

Progress made in 2023: This project is currently on hold due to capacity constraints for in-house design.

#### **18. Palermo Wellfield Trail**

Progress made in 2023: This project is currently on hold due to capacity constraints for in-house design.

#### **19. 2<sup>nd</sup> Avenue Pedestrian and Bicycle Improvements**

Progress made in 2023: Safe Routes to School grant funding was secured (\$2,115,000). A Request for Qualifications for the project was posted.

#### **20. Israel Road and Linderson Way Pedestrian and Bicycle Improvements**

Progress made in 2023: The design for this project was completed to 80%. The design is planned for completion and construction in 2024.

#### **21. 2024 Pavement Maintenance Project**

Progress made in 2023: This project was canceled for 2024.

#### **22. Multimodal Improvements and Traffic Calming Program**

Progress made in 2023: Multimodal improvements are incorporated into each project where possible.

## **Water and Waste Sector**

**Strategy W1/W2/W3. Increase the efficiency of water and wastewater infrastructure/Reduce water consumption/Reduce emissions from wastewater treatment operations.**

#### **23. Water Audit**

Progress made in 2023: The Investment Grade Audit of City Facilities, which includes a water audit, continued into 2023. The results of the audit were completed in 2024, and thus will be reported on in the 2024 Annual Report.

**Strategy W4. Divert more solid waste from landfills.**

#### **24. Recycling and Composting at City Events**

Progress made in 2023: In 2023 the City had “Recycling and Compost Attendants” at the following special events: Tumwater Artesian Brewfest, Dog Days, and Falls Fest. This program will continue.

## **25. Composting at City Facilities**

Progress made in 2023: In April 2023, the City launched compost diversion at all its buildings. The program is going well.

## **26. Compost Procurement Ordinance Implementation**

Progress made in 2023: Implementation of this Ordinance continues.

# **Agriculture, Forests, and Prairies Sector**

**Strategy A1/A2. Reduce emissions from agricultural practices/Support agricultural practices that sequester carbon.**

**No current projects.**

**Strategy A5/A6/A7. Preserve tree canopy and manage forests and prairies to sequester carbon.**

## **27. Tree and Vegetation Protection Ordinance Update**

Progress made in 2023: The City held multiple public meetings about the update to Tumwater Municipal Code (TMC) 16.08. In the Summer, a new Washington Wildland Urban Interface (WWUI) Code arose as a potential concern related to the code updates in progress. The project to update TMC 16.08 was put on hold until the WWUI Code issues were resolved. The City campaigned with the Association of Washington Cities to champion requested changes to the WWUI at both the Washington Building Code Council and State Legislature. Those changes were adopted by the State Legislature in 2024. The work on this project will restart in Spring 2024.

## **28. Street Tree Standards Update**

Progress made in 2023: The City held multiple public meetings about the update to Tumwater Municipal Code (TMC) 12.24. In the Summer, a new WWUI Code arose as a potential concern related to the code updates in progress. The project to update TMC 12.24 was put on hold until the WWUI Code issues were resolved. The City campaigned with the Association of Washington Cities to champion requested changes to the WWUI at both the Washington Building Code Council and State Legislature. Those changes were adopted by the State Legislature in 2024. The work on this project will restart in Spring 2024.

## **29. Landscaping and Buffering Requirements**

Progress made in 2023: The City held multiple public meetings about the update to Tumwater Municipal Code (TMC) 18.47. In the Summer, a new WWUI Code arose as a potential concern related to the code updates in progress. The project to update TMC 18.47 was put on hold until the WWUI Code issues were resolved. The City campaigned with the Association of Washington Cities to champion requested changes to the WWUI at both the Washington Building Code Council and State Legislature. Those changes were adopted by the State Legislature in 2024. The work on this project will restart in Spring 2024.

### **30. Tumwater Public Urban Forest Inventory**

Progress made in 2023: The City was awarded \$40,000 from the Washington Department of Natural Resources to complete this project. By December 31, 2023, the City Inventory had been completed. The project continued into 2024 related to the Maintenance Plan as part of the project scope. Funds for this project were provided by the USDA Forest Service Urban and Community Forestry Program, administered through the State of Washington Department of Natural Resources Urban and Community Forestry Program. The USDA is an equal opportunity provider and employer.

### **31. Habitat Conservation Program**

Progress made in 2023: The City is in the process of finishing work with our consultants on a couple of studies in preparation for expected meetings with U.S. Fish and Wildlife in March 2024 to address their latest round of comments. The City remains committed to getting an HCP that protects endangered species while allowing Tumwater to meet our planning obligations under the Growth Management Act.

## **Cross-Cutting Sector**

### **Strategy G1. Conduct education and outreach across climate mitigation areas.**

#### **32. Tumwater Sustainability Webpage**

Progress made in 2023: The City Sustainability webpage was updated in 2023 to be more up to date: [www.ci.Tumwater.wa.us/Sustainability](http://www.ci.Tumwater.wa.us/Sustainability).

#### **33. Student Internships and Guest Lectures**

Progress made in 2023: The City hosted a total of six interns from the Evergreen State College's Center for Climate Action and Sustainability in 2023.

#### **34. Legislative Agenda**

Progress made in 2023: The City remains committed to pushing for state action on climate and other environmental issues. Most notably the City of Tumwater was very active in both WA State Building Code Council and the State Legislature in 2023 regarding proposed changes to the WWUI Code and worked closely with the Association of Washington Cities to pass legislation making necessary improvements to the Code.

The City also worked with its lobbyist and TCMC partner jurisdictions to advocate for bills that would help reduce local emissions.

#### **Strategy G4. Enhance monitoring and evaluation of climate mitigation measures and outcomes.**

**No current projects.**

#### **Strategy G5. Advocate for climate-mitigating state and federal policy.**

**No current projects.**

### **Jurisdiction climate action progress not tied to a strategy in the TCMP**

#### **35. Tumwater Tree Board**

Progress made in 2023: The Tumwater Tree Board continues to meet monthly to advise the City Council on Tree-related issues. The Tumwater Tree Board has been in place for 28 years.

#### **36. Rechargeable Battery Recycling at “Clean Up Drop Off” Event**

Progress made in 2023: The City Green Team added rechargeable battery recycling to the annual “Clean Up Drop Off” event. More than 30 pounds of rechargeable batteries and devices were collected for recycling at no cost to the City.

#### **37. CDP “B” Score**

Progress made in 2023: The City’s CDP score improved from a “C” in 2022 to a “B” in 2023.

#### **38. Arbor Day Native Plant Giveaway**

Progress made in 2023: The Tumwater Tree Board provided 100 native plants and 50 packets of native wildflower seeds to members of the community to celebrate Arbor Day in 2023.

#### **39. Environmental Purchasing Requirements**

Progress made in 2023: The Tumwater Green Team passed Environmental Purchasing Requirements for City Operations.