



# THURSTON CLIMATE MITIGATION COLLABORATIVE

## City of Tumwater 2025 Jurisdiction Work Program

**Version Date:** February 4, 2025

**Staff Contact:** Alyssa Jones Wood, Sustainability Manager, [ajoneswood@ci.tumwater.wa.us](mailto:ajoneswood@ci.tumwater.wa.us), (360) 745-4140

**Work Program Dates:** January 1, 2025 – December 31, 2025

The Jurisdiction Work Program describes activities that are intended to be undertaken by one of the four jurisdictions in the Thurston Climate Mitigation Collaborative to advance the implementation of the Thurston Climate Mitigation Plan. The inclusion of a project or initiative in this document does not guarantee that it will be brought to completion during the defined time frame.

### Summary Table:

#	Project Name	Sector	TCMP Strategy	Timeline	Budget
1	Home Energy Score Model Ordinance	Buildings & Energy	B1	Considered for adoption by May 2025	\$4,000 + Staff Time
2	Energize Thurston Campaign	Buildings & Energy	B1	Through 2025	\$477,540
3	Explore property tax credit for energy efficiency feasibility	Buildings & Energy	B1	By end of 2025	Staff Time
4	Clean Building Performance Standard	Buildings & Energy	B2	Complete by July 2027	\$17,321* + Staff Time
5	LED Lighting	Buildings & Energy	B2	Ongoing	Staff Time
6	Fire Stations Solar Plus Storage Feasibility Assessment	Buildings & Energy	B5	Complete by June 2025	\$50,000

#	Project Name	Sector	TCMP Strategy	Timeline	Budget
7	2025 Comprehensive Plan and associated Development Code update	Transportation & Land Use	T1	By end of 2025	\$420,000 + Staff Time
8	Old Highway 99/79 <sup>th</sup> Avenue Roundabout	Transportation & Land Use	T2	Construction begins 2025	\$3,950,000
9	Tumwater Boulevard Interchange	Transportation & Land Use	T2	Temporary construction in 2025	\$1,800,000
10	Traffic Signal Controller & Detection Upgrade	Transportation & Land Use	T2	Construction in 2025	\$310,000
11	X Street Roundabout	Transportation & Land Use	T2	Design in 2025	\$6,271,561
12	Tumwater Fleet EV Charging	Transportation & Land Use	T3	Be end of 2025	\$122,181
13	Fleet Electrification	Transportation & Land Use	T3	Ongoing	Variable
14	Puget Sound Energy Pole Charging Pilot	Transportation & Land Use	T3	By end of 2025	No cost to City
15	Deschutes Valley Trail, Segment A1	Transportation & Land Use	T5	Design in 2025	\$3,000,000
16	Mottman Road Improvements	Transportation & Land Use	T5	Design in 2025	\$1,700,000
17	Multimodal Improvements and Traffic Calming	Transportation & Land Use	T5	Ongoing	\$580,000
18	2 <sup>nd</sup> Avenue Pedestrian and Bicycle Improvements	Transportation & Land Use	T5	Construction beginning in 2025	\$3,750,000
19	Percival Creek Fish Passage Barrier Removal	Transportation & Land Use	T5	Construction beginning in 2025	\$2,000,000

#	Project Name	Sector	TCMP Strategy	Timeline	Budget
20	Water Conservation Program	Water & Waste	W2	Ongoing	\$16,000
21	Compost Collection	Water & Waste	W4	Ongoing	No cost
22	Food System Plan	Agriculture, Forests, and Prairies	A1/A2	By end of 2025	\$18,864
23	Bush Prairie Habitat Conservation Plan	Agriculture, Forests, and Prairies	A5/A6/A7	Ongoing until Federal approval	\$559,500 (2024-2027)
24	Tree and Vegetation Protection Ordinance	Agriculture, Forests, and Prairies	A5/A6/A7	Beginning July 2025	TBD
25	Climate Change Outreach and Education	Cross Cutting	G1	Ongoing	Staff Time
26	Legislative Agenda	Cross Cutting	G5	Ongoing	Staff Time

\* pending grant funding being awarded

## Buildings and Energy Sector

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

#### 1. Project Name: Home Energy Score Model Ordinance

City/County Department(s): Water Resources & Sustainability; Community Development; Executive

Anticipated Timeline: Considered for adoption by May 2025

Budget (if applicable): \$4,000 for low-income subsidy

Project Description: The Home Energy Score Model Ordinance seeks to develop a regional policy to require home energy assessments at the time of listing applicable residential real estate for sale. The project includes research, stakeholder engagement, policy drafting and revisions, and the development of an associated supporting program. The intended outcome of the ordinance, should it be adopted countywide, is to provide prospective homeowners with energy efficiency and energy cost information for them to consider as part of their home-buying decision.

#### 2. Project Name: Energize Thurston Campaign

City/County Department(s): Water Resources & Sustainability

External Partners: Thurston County and the cities of Olympia, Lacey, and Tenino; South Puget Sound Habitat for Humanity

Anticipated Timeline: Planning January – February 2025; Implementation March – June 2025; Evaluation and Continuation planning July – September 2025

Budget (if applicable): \$477,540

Project Description: Energize Thurston 2025 is a heat pump group purchase campaign that makes it faster, easier, and more affordable for Thurston County residents to purchase and install efficient, all-electric heat pumps and heat pump water heaters. Energize Thurston builds on the success of “Energize Olympia” and “The Switch Is On” to expand outreach and incentives for home electrification and energy efficiency throughout the Thurston region. The campaign reduces upfront costs through a group purchase discount provided by competitively selected Installers and application of all available rebates as a time-of-sale discount. The campaign also offers fully and partially subsidized installations for low- and moderate-income (LMI) households, which will be administered by campaign partner South Puget Sound Habitat for Humanity and funded by grants from each partner jurisdiction.

#### 3. Project Name: Explore property tax credit for energy efficiency feasibility

City Department(s): Water Resources & Sustainability; City Attorney’s Office; Finance

Anticipated Timeline: December 31, 2025

Budget (if applicable): Staff time only

Project Description: Working with the City Attorney’s office and Finance to explore the feasibility of considering property tax credits for energy efficiency. Intended work product is an internal memorandum. If feasible, Staff will continue work on implementation of this item.

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

**4. Project Name: Clean Building Performance Standard**

City Department(s): Parks, Recreation & Facilities; Water Resources & Sustainability

Anticipated Timeline: Completion by July 1, 2027.

Budget (if applicable): Staff time only.

Project Description: Doing the work necessary to meet the Washington State Clean Building Performance Standard for applicable City-owned buildings. This includes benchmarking energy use, implementing an operations and maintenance program, and creating an energy management plan.

**5. Project Name: LED Lighting**

City Department(s): Parks & Recreation

Anticipated Timeline: By end of 2025

Project Description: Converting all lighting at the Tumwater Valley Golf Pro Shop and River’s Edge to LED, replacing the outdoor lighting for the City Hall sign with LED, and continual replacement of fluorescent bulbs in City buildings with LEDs.

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

*No projects planned.*

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

*See Strategy T1 regarding land use/permitting incentives.*

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

**6. Project Name: Fire Stations Solar Plus Storage Feasibility Assessment**

City Department(s): Water Resources & Sustainability; Fire; Parks, Recreation, & Facilities

Anticipated Timeline: Complete by June 30, 2025

Budget (if applicable): \$50,000

Project Description: Complete feasibility assessments for solar and battery storage for both Tumwater Fire Stations.

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

*No projects planned.*

## 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. Project Name: 2025 Comprehensive Plan and Development Code Update**

City Department(s): Community Development; Water Resources & Sustainability

Anticipated Timeline: By December 31, 2025

Project Description: Incorporating 20-minute neighborhoods, land-use/permitting incentives, increasing density and transit, and reduction of urban sprawl into the Tumwater Comprehensive Plan. Project also includes creating a new the Climate Change element to the Comprehensive Plan.

Incorporating middle-density housing, and land-use/permitting incentives, increasing density and transit, and reduction of urban sprawl into the Tumwater Municipal Code.

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

**8. Project Name: Old Highway 99/79<sup>th</sup> Avenue Roundabout**

City Department(s): Transportation & Engineering

Anticipated Timeline: Construction in 2025

Budget (if applicable): \$3,950,000 in 2025

Project Description: Design and construct a roundabout intersection of Old Highway 99 and 79<sup>th</sup> Avenue.

**9. Project Name: Tumwater Boulevard Interchange**

City Department(s): Transportation & Engineering

Anticipated Timeline: Construction of temporary signal in 2025, project engineering and construction in 2029

Budget (if applicable): \$1,800,000 in 2025

Project Description: Design, acquire right-of-way, and construct improvements to the Tumwater Boulevard/I-5 interchange. This is a phased project with an interim signal followed by a roundabout, a second roundabout, and overpass widening.

**10. Project Name: Traffic Signal Controller & Detection Upgrade**

City Department(s): Transportation & Engineering

Anticipated Timeline: Construction in 2025

Budget (if applicable): \$310,000

Project Description: This project will replace the controllers and necessary associated hardware at eight intersections and will upgrade the detection equipment to current standard cameras at six intersections throughout Tumwater.

**11. Project Name: X Street Roundabout**

City Department(s): Transportation & Engineering

Anticipated Timeline: Project engineering and right-of-way acquisition in 2025; construction in 2026

Budget (if applicable): \$6,271,561

Project Description: Construction of a roundabout at the intersection of Capitol Boulevard and X Street as proposed in the Capitol Boulevard Corridor Plan.

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

**12. Project Name: Tumwater Fleet EV Charging**

City Department(s): Water Resources & Sustainability; Parks, Recreation & Facilities; and Transportation & Engineering Departments

Anticipated Timeline: Complete by December 31, 2025

Budget (if applicable): \$122,181

Project Description: Adding 8 Level 2 chargers and stubbing-out an additional 3 parking spaces for future charging at various City facilities where fleet vehicles are parked.

**13. Project Name: Fleet Electrification**

City Department(s): All City Departments

Anticipated Timeline: Ongoing

Project Description: Replacing all fleet vehicles with EVs or hybrids whenever possible.

**14. Project Name: Puget Sound Energy Pole Charging Pilot**

City Department(s): Water Resources & Sustainability; Community Development; Transportation & Engineering; Executive.

Anticipated Timeline: Installation in 2025.

Project Description: Working with Puget Sound Energy to coordinate the installation of 2 – 4 level 2 EV chargers that are installed on electric utility poles adjacent to on-street parking in Tumwater.

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

*No projects planned.*

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

**15. Project Name: Deschutes Valley Trail, Segment A1**

City Department(s): Transportation & Engineering; Parks & Recreation

Anticipated Timeline: design in 2025, construction in 2026

Budget (if applicable): \$3,000,000

Project Description: Construction of a paved walking/bicycling trail connection from Tumwater Falls Park to E Street.

**16. Project Name: Mottman Road Improvements**

City Department(s): Transportation & Engineering

External Partners: City of Olympia

Anticipated Timeline: design in 2025, construction in 2026

Budget (if applicable): \$1,700,000

Project Description: Installation of sidewalk and street improvements on portions of Mottman Road.

**17. Project Name: Multimodal Improvements and Traffic Calming**

City Department(s): Transportation & Engineering

Anticipated Timeline: Ongoing

Budget (if applicable): \$580,000

Project Description: Miscellaneous pedestrian, ADA ramp, and traffic calming improvements at various locations throughout the city.

**18. Project Name: 2<sup>nd</sup> Avenue Pedestrian and Bicycle improvements**

City Department(s): Transportation & Engineering

Anticipated Timeline: Construction beginning in 2025.

Budget (if applicable): \$3,750,000

Project Description: Intersection improvements at 2<sup>nd</sup> Avenue and Linwood. Sidewalk, bulb-outs, curb ramps, paving, and bike lanes.

**19. Project Name: Percival Creek Fish Passage Barrier Removal**

City Department(s): Transportation & Engineering; Water Resources & Sustainability

Anticipated Timeline: Construction beginning in 2025.

Budget (if applicable): \$2,000,000

Project Description: Replacement of a full barrier culvert with a four-sided box culvert. Includes roadway reconstruction and the addition of bike lanes and sidewalks throughout.



## 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.**

### **20. Project Name: Water Conservation Program**

City/County Department(s): Water Resources & Sustainability

Anticipated Timeline: Ongoing

Budget (if applicable): \$16,000

Project Description: Education, outreach and rebates to Tumwater water customers about indoor and outdoor water conservation. Rebates are available on certain fixtures and appliances for both residential and commercial customers. Irrigation audits are available for all irrigation water customers to help with water conservation on landscape irrigation.

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

### **21. Project Name: Compost Collection**

City/County Department(s): Water Resources & Sustainability; Parks & Recreation

Anticipated Timeline: Ongoing

Project Description: Collecting compost at city facilities and city events for diversion from the landfill.

## Agriculture, Forests, and Prairies Sector

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

### **22. Project Name: Food System Plan**

City/County Department(s): Community Development; Water Resources & Sustainability

Anticipated Timeline: Complete by end of 2025

Budget (if applicable): \$18,864

Project Description: Developing a Food System Plan which will identify the most impactful activities in addressing core food insecurity issues, identify how to eliminate barriers and address gaps in the current food system, and offer appropriately scaled solutions implemented at the municipal level. This plan will have guiding principles of equity, sustainability, stability, resiliency, and efficacy to address food system issues including food insecurity.

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

### **23. Project Name: Bush Prairie Habitat Conservation Plan**

City Department(s): Community Development

Anticipated Timeline: Ongoing until Federal approval

Project Description: Development of a Habitat Conservation Plan for the southern two-thirds of Tumwater relative to the various endangered species found within City boundaries. The draft Plan is currently under review with the Federal Government.

**24. Project Name: Tree and Vegetation Protection Ordinance**

City Department(s): Community Development; Water Resources & Sustainability

Anticipated Timeline: Beginning June/July 2025

Project Description: Continue work started in 2022 to substantially revise the existing Tree and Vegetation Protection Ordinance (TMC 16.08). This includes new approaches to retaining existing canopy and large diameter trees.

## Cross-Cutting Sector

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

**25. Project Name: Climate Change Outreach and Education**

City/County Department(s): Executive; Water Resources & Sustainability

Anticipated Timeline: Ongoing

Project Description: Continued efforts to communicate the City's sustainability efforts and projects.

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

*See Thurston County's Greenhouse Gas Emission Inventory project.*

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

**26. Project Name: Legislative Agenda**

City/County Department(s): Executive

Anticipated Timeline: Ongoing

Project Description: Incorporating climate change into the City's lobbying efforts and legislative agenda at the state level.