#### Olympia Comprehensive Plan Climate Element – Draft Goals and Policies

The Climate Element is a new addition to the City of Olympia's Comprehensive Plan. This new element addresses both climate mitigation (the reduction of greenhouse gases) and resilience (the ability to prepare for, recover from, and adapt to climate change impacts) as required by the Growth Management Act and following the Washington Department of Commerce guidance.

The development of the Climate Element is being informed by the <u>Thurston Climate Mitigation Plan</u> (completed in 2020), <u>Olympia Sea Level Rise</u> <u>Response Plan</u> (completed in 2019), and <u>Olympia Climate Risk and Vulnerability Assessment</u> (completed in 2025).

To capture the collaborative approach that is needed to address climate action in the City of Olympia, the Climate Element will be integrated throughout the Comprehensive Plan. The draft goals and policies below include *existing* language from each of the Comprehensive Plan chapters as well as *new* language to strengthen the City's efforts. Some of the existing language has been *modified* to better address the City's climate goals.

Each goal and policy can be referenced using their unique ID below. These IDs do NOT correspond to existing goal and policy identifiers in the Comprehensive Plan. These IDs will be used for this draft only.

#### Acronym List:

- CP Comprehensive Plan
- TCMP Thurston Climate Mitigation Plan
- SLRP Sea Level Rise Response Plan
- OMC Olympia Municipal Code
- WWMP Wastewater Management Plan

#### How to Provide Feedback:

After reviewing the draft goals and policies below, we ask that you please submit your feedback by visiting our Engage Olympia page at <a href="http://www.olympiawa.gov/Climate2045">www.olympiawa.gov/Climate2045</a>. Public comments will be accepted through March 19, 2025.

Olympia Comprehensive Plan Climate Element – Draft Goals and Policies Olympia Climate Element DRAFT – February 18, 2025

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#### **Climate Element Vision and Values Statement**

#### What Olympia Values:

Olympians value innovative, community-driven, and justice-centered climate solutions that (1) achieve net-zero emissions, (2) prepare for and adapt to a changing climate, and (3) promote thriving communities for current and future generations.

#### Our Vision for the Future:

A carbon-neutral city that is resilient to the impacts of climate change.

**Carbon Neutral:** All Olympians have access to clean, affordable energy and abundant options to walk, bicycle, and ride transit. We create systems that make living lighter the easiest and best option for everyone.

Justice-Centered: Olympia prioritizes the health and well-being of communities that are disproportionately burdened by environmental impacts and actively works to address past harms.

**Resilient:** Olympia will continue developing built, natural, and social infrastructure that promotes human and environmental well-being. A resilient Olympia will withstand more frequent and intense extreme weather events due to climate change through effective, coordinated emergency management. Enhancing natural areas, strengthening community bonds, and preparing our built environment will ensure all Olympians benefit from climate adaptation actions.

# **Capital Facilities Chapter**

| ID  | Goal or Policy Language   | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?  |
|-----|---|--------------------------------|--|
| 1   | GOAL: The Capital Facilities Plan provides the public facilities needed to promote orderly compact urban growth, protect investments, maximize use of existing facilities, encourage economic development and redevelopment, promote private investment, increase public well-being and safety, protect and improve the natural environment and implement the Comprehensive Plan. | Existing (CP)                  | Ensures capital<br>facilities investments  |
| 1.1 | <ul> <li>POLICY: Evaluate and prioritize proposed capital improvement projects using the following long-term financial strategy principles and guidelines:</li> <li>Consider climate projections in life cycle assessments, planning, and design capacities for all capital projects.</li> </ul>  | Existing (CP)                  | and projects account<br>for climate projections,<br>including extreme<br>precipitation, sea level<br>rise, and extreme heat. |
| 1.2 | <ul> <li>POLICY: Give priority consideration to projects that:</li> <li>Reduce greenhouse gas emissions, increase climate resiliency, and implement adaptation strategies.</li> </ul>   | Existing (CP)                  |  |

| 2   | GOAL: As urbanization occurs, the capital facilities needed to direct and serve future development and redevelopment are provided for Olympia and its Urban Growth Area.  | Existing (CP) | Ensures capital  |
|-----|---|---------------|--|
|     | POLICY: Plan and coordinate the location of public facilities and utilities to accommodate growth in advance of need, and in accordance with the following standards:   |               | facilities address sea<br>level rise, extreme<br>precipitation, and<br>extreme heat, while<br>providing co-benefits. |
| 2.1 | <ul> <li>Proactively seek opportunities to combine capital facilities projects that are identified in<br/>facilities master plans or other City plans, such as sewer and water main extensions,<br/>transportation connections/improvements, and projects to address sea level rise.</li> </ul> | Existing (CP) |  |

| ID  | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element? |
|-----|--|--------------------------------|---|
|     | Prioritize capital facilities projects that provide multiple benefits for the public. Rework       |                                |   |
|     | any capital projects that may result in maladaptation or interfere with environmentally            |                                |   |
|     | sensitive areas, contribute to hazards, or would exacerbate current climate vulnerabilities.       |                                |   |
|     | POLICY: When planning for public facilities, consider expected future economic activity, goals for |                                |   |
| 2.2 | responding to the impacts of climate change, and the need for housing affordable at all income     | Existing (CP)                  |   |
|     | levels as projected in the Comprehensive Plan.   |                                |   |
| L   |  | •                              | •   |

| 3   | GOAL: Public facilities constructed in Olympia and its Growth Area meet appropriate safety, construction, durability, sustainability, accessibility, and equity standards.  | Existing (CP) | Ensures capital<br>facilities reduce<br>greenhouse gas                                   |
|-----|---|---------------|--|
| 3.1 | POLICY: Ensure that the Engineering Development and Design Standards are consistent with the<br>Comprehensive Plan, including its goals for adapting to and mitigating climate change, and<br>projected need for housing affordable at all income levels. | Existing (CP) | emissions, and<br>address sea level rise,<br>extreme precipitation,<br>and extreme heat. |

### **Economy Chapter**

| ID  | Goal or Policy Language   | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?                 |
|-----|---|--------------------------------|---|
| 4   | GOAL: Support the development of a green workforce to meet the demand for community-<br>wide decarbonization.   | New                            |   |
| 4.1 | POLICY: Support local workforce development partners and trade schools to develop a technical job training program for green jobs within Olympia. Prioritize opportunities for frontline communities, youth, college students, and unemployed people. | New                            | Identified as a<br>community priority to<br>support greenhouse gas<br>reduction community |
| 4.2 | POLICY: Promote local industrial and workforce development to support a circular economy that increases demand for reused and recycled materials and reduces demand for new raw materials.  | New                            | wide.   |

| 5   | GOAL: Olympia has a thriving and diversified economy with pathways to prosperity available to everyone.   | Existing (CP) | Protects local<br>businesses against<br>economic disruptions  |
|-----|---|---------------|---|
| 5.1 | POLICY: Support initiatives that help diversify the local economy to supplement our stable public sector base and reduce reliance on goods and services from outside the community. | Existing (CP) | economic disruptions<br>caused by climate-<br>exacerbated hazards,<br>such as sea level rise<br>and extreme heat. |

| 6 |
|---|
|---|

| 6.1 | POLICY: Continue to support and progress Olympia businesses pursuing climate resiliency, greenhouse gas reductions, and environmental justice. | Existing (CP) -<br>modified | emissions and adapt to sea level rise and extreme heat. |  |
|-----|--|-----------------------------|---|--|
|-----|--|-----------------------------|---|--|

| 7   | GOAL: Olympia collaborates with partners to maximize economic opportunity.   | Existing (CP)               | Supports local   |
|-----|--|-----------------------------|--|
| 7.1 | POLICY: Collaborate with regional economic development partners and business leaders to prepare for future economic disruptions and emergencies, including climate exacerbated hazards, and implement effective disaster recovery. | Existing (CP) -<br>modified | businesses' efforts to<br>adapt to sea level rise<br>and extreme heat. |

| 8   | GOAL: Downtown is a popular destination that contributes to Olympia's economic vibrancy.  | Existing (CP) | Supports local businesses and                         |
|-----|---|---------------|---|
| 8.1 | POLICY: Encourage and partner with adjacent property owners and private businesses along the waterfront to contribute to sea level rise adaptation. |               | jurisdictional efforts to<br>adapt to sea level rise. |

| 9   | GOAL: Olympia is well prepared to withstand future economic disruptions and emergencies, including extreme weather and climate hazards.  | Existing (CP)               | Protects public health,  |
|-----|--|-----------------------------|--|
| 9.1 | POLICY: Provide resources, technical assistance and guidance for developing contingency plans for community events disrupted by climate-exacerbated hazards.   | New                         | community events, and<br>tourism and minimizes<br>work disruptions for<br>local businesses from<br>climate-exacerbated<br>hazards, including sea |
| 9.2 | POLICY: Develop public-private partnerships to ensure adequate indoor facilities are available for outdoor events impacted by extreme heat or wildfire smoke to continue.  | New                         |  |
| 9.3 | POLICY: Ensure the local economy is resilient to climate disruptions and local businesses have access to resources to recover from climate disruptions in a timely manner. Support local businesses in assessing climate risks within their business operations. | Existing (CP) -<br>modified | level rise, wildfire<br>smoke, extreme heat  |

### Land Use and Urban Design Chapter

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element? |
|------|--|--------------------------------|---|
| 10   | GOAL: Ensure that development and redevelopment projects are promote climate resilience, reduced energy demand, and livability.  | New                            |   |
| 10.1 | POLICY: Require new development to meet appropriate minimum standards, such as<br>landscaping and design guidelines, stormwater and other engineering standards, and building<br>codes, and address risks, such as geologically hazardous areas, extreme weather, and climate-<br>exacerbated hazards. | Existing (CP) -<br>modified    |   |
| 10.2 | POLICY: Explore options for overlays, development regulations, or other strategies to increase resilience to climate hazards.  | New                            | Ensures all new<br>construction is<br>prepared for and                    |
| 10.3 | POLICY: Establish and update development regulations that incorporate best practices for reducing the risk of wildfire, extreme heat, flooding, and other climate-exacerbated hazards.   | New                            | adapted to rising<br>temperatures, extreme                                |
| 10.4 | POLICY: Establish and update development regulations that incorporate best practices to mitigate urban heat islands through land use, urban design, and urban greening. Encourage the use of small-scale urban agriculture and vegetated uses.   | New                            | heat, extreme<br>precipitation, sea level<br>rise, and drought.           |
| 10.5 | POLICY: Incentivize new commercial and residential construction to include on-site rainwater harvesting facilities, exceed required low impact development standards, and incorporate green stormwater infrastructure approaches.  | New                            |   |
| 10.6 | POLICY: Encourage shoreline development and waterfront attractions that are consistent with the Sea Level Rise Response Plan.  | New                            |   |

| 10.7 | POLICY: Consider how development patterns mitigate or exacerbate wildfire risk in all development regulations particularly along the wildland-urban interface where risk may be higher.  | New                         |
|------|--|-----------------------------|
| 10.8 | POLICY: Update design guidelines to ensure buildings, landscaping, and infrastructure are resilient to extreme weather and climate-exacerbated hazards.  | New                         |
| 10.9 | POLICY: Encourage and sometimes require buildings and site designs that result in energy efficiency, passive survivability, and/or use of solar and other renewable energy. This includes street and lot orientation at the time property is subdivided or developed | Existing (CP) -<br>modified |

| 11   | GOAL: Support retrofitting and updating the built environment to withstand future climate conditions, improve energy efficiency, and protect public health.            | New | Protects public health<br>and ensures existing<br>structures and building<br>systems are prepared<br>for and adapted to<br>extreme heat and<br>wildfire. |
|------|--|-----|--|
| 11.1 | POLICY: In pedestrian-oriented commercial areas, require sidewalk awnings, shading features, or other weather protection on new and substantially remodeled buildings. | New |  |
| 11.2 | POLICY: Support development of local microgrid solar and battery storage facilities, especially for critical infrastructure and community centers.                     | New |  |
| 11.3 | POLICY: Prioritize equity by incentivizing weatherization upgrades and energy redundancy for homes and facilities serving vulnerable populations.                      | New |  |

| 12   | GOAL: Support land use practices that increase the resilience of the built environment, ecosystems, and communities to climate change.                                    | New | Promotes landscape<br>practices that adapt to               |
|------|---|-----|---|
| 12.1 | POLICY: Collaborate with private landowners to follow best management practices, particularly with those abutting park, forest land, and environmentally sensitive areas. | New | extreme heat, rising<br>temperatures, and<br>wildfire risk. |

| 12.2 | POLICY: Provide resources to community members living in Wildland-Urban Interface (WUI) areas to implement fire prevention (e.g., Firewise) practices and support application of such practices via building code and landscaping provisions. | New |  |  |
|------|---|-----|--|--|
| 12.3 | POLICY: Encourage residents to install climate-adapted landscape design, such as rain gardens and drought tolerant plants, to respond to changes in seasonal precipitation and other climate hazards.   | New |  |  |

| 13   | GOAL: Local Thurston County food production is encouraged and supported to increase self-sufficiency, reduce environmental impact, adapt to future climate conditions, promote health, and the humane treatment of animals, and support the local economy.     | Existing (CP) -<br>modified | Reduces the impacts of drought and extreme  |
|------|--|-----------------------------|---|
| 13.1 | POLICY: Encourage home gardens as an alternative to maintaining a lawn.  | Existing (CP)               | heat by encouraging<br>urban biodiversity,<br>cooling features, and<br>local food production. |
| 13.2 | POLICY: Partner with community organizations to help educate community members who are interested in urban agriculture on how to address and plan for climate impacts such as drought and extreme heat and encourage the production of climate-friendly foods. | Existing (CP)               |   |

| 14   | GOAL: Reduce energy use and support decarbonization in new and existing residential, commercial, and city-owned buildings.   | New   | Supports the reduction<br>of greenhouse gas<br>emissions from the<br>building sector. Energy<br>use in residential and<br>commercial buildings<br>contributes 49% of<br>Olympia's community-<br>wide greenhouse gas |
|------|--|---|---|
| 14.1 | POLICY: Support state building and energy code development and implementation specific to decarbonization and electrification. Adopt local policies to support decarbonization of new and existing buildings to the extent feasible. | New (Thurston<br>County Climate<br>Element) |   |
| 14.2 | POLICY: Partner with regional jurisdictions to develop and implement a local policy for assessment and disclosure of residential energy performance ratings at the time sale, lease, or rent.  | New (TCMP)                                  |   |
| 14.3 | POLICY: Evaluate and consider establishing baseline energy efficiency standards for rental properties while minimizing displacement and financial burden for renters.  | New (TCMP)                                  | emissions.  |

| 14.4 | POLICY: Evaluate and consider establishing building performance standards for multifamily and non-residential buildings smaller than 50,000 square feet.   | New (TCMP)               |  |
|------|--|--------------------------|--|
| 14.5 | POLICY: Provide incentives to retrofit existing buildings for energy efficiency, decarbonization, and climate resilience. Prioritize retrofits in overburdened communities and include protections to avoid displacement and financial burden on renters and small businesses. | New                      |  |
| 14.6 | POLICY: Foster partnerships with organizations serving overburdened communities to ensure building decarbonization outreach and incentive programs build capacity and alleviate cost burdens for all residents.  | New                      |  |
| 14.7 | POLICY: Build communitywide capacity to reduce energy use and embodied carbon of materials, and support decarbonization of new and existing buildings.   | New (TCMP)               |  |
| 14.8 | POLICY: Reduce energy use and phase out natural gas use in existing city-owned facilities.<br>Require new city-owned and funded facilities to be built all-electric.   | New (TCMP,<br>Community) |  |

| 15   | GOAL: Prioritize the reuse of existing buildings and the use of low-embodied carbon materials for new construction and redevelopment.   | New |   |
|------|---|-----|---|
| 15.1 | POLICY: Provide incentives to preserve and reuse existing buildings and building materials.   | New | Supports the reduction  |
| 15.2 | POLICY: Evaluate development regulations that may pose barriers to reuse and adaptative reuse of existing buildings.  | New | of greenhouse gas<br>emissions from<br>building construction<br>and demolition. |
| 15.3 | POLICY: Evaluate and consider mechanisms to encourage efficient use of building materials and reduce high-embodied carbon materials in new construction and building retrofits. | New |   |
| 15.4 | POLICY: Evaluate and consider opportunities to encourage design for deconstruction and reuse of materials rather than demolition.   | New |   |

| 16   | GOAL: Increase the production of local renewable energy.  | New        |   |
|------|---|------------|---|
| 16.1 | POLICY: Support the transition of utility energy fuel mixes to renewable sources.   | New        | Supports the reduction<br>of greenhouse gas<br>emissions from energy<br>generation and<br>transmission. |
| 16.2 | POLICY: Install solar photovoltaics on all available and feasible city-owned properties, including but not limited to building rooftops, municipal water pump sites, parking lots and fences. | New (TCMP) |   |
| 16.3 | POLICY: Facilitate the development of community-owned, small-scale renewable energy generation projects and prioritize placement in overburdened communities.                                 | New        |   |
| 16.4 | POLICY: Require solar panels, when feasible, on new buildings with large rooftops, as well as within or over parking areas.   | New        |   |
| 16.5 | POLICY: Evaluate and identify opportunities to support energy efficiency and renewable energy projects in historic buildings.   | New        |   |

| 17   | GOAL: Expand electric vehicle charging infrastructure to support the transition to electric vehicles.  | New                | Supports the reduction  |
|------|--|--------------------|---|
| 17.1 | Continue to require EV charging infrastructure and EV-ready parking in new and renovated buildings and parking lots.   | New (TCMP,<br>OMC) | of greenhouse gas<br>emissions from<br>vehicles.                                    |
| 17.2 | Evaluate barriers to equitable access to EV charging and develop a strategy to ensure all community members can access low-cost EV charging regardless of where they live or work. | New                | Transportation<br>contributes 34% of<br>Olympia's community-<br>wide greenhouse gas |
| 17.3 | Provide public EV charging at city-owned facilities and parking lots.  | New                |   |
| 17.4 | Provide incentives to encourage the provision of low-cost EV charging for multifamily housing.   | New                | emissions.  |

| 18 | GOAL: Land use patterns, densities and site designs support increased urban density, | Existing (CP) | Supports the reduction |
|----|--|---------------|------------------------|
| 10 | reduce urban sprawl, and decrease automobile reliance.                               | LAISTING (CP) | of vehicle miles       |

| 18.1 | POLICY: Ensure that new development is built at urban densities or can be readily modified to achieve those densities; and require that development lacking municipal utility service be designed to cost-effectively transform when services become available.  | Existing (CP) | travelled (VMT) in<br>Olympia. |
|------|--|---------------|--------------------------------|
| 18.2 | POLICY: Focus development in locations that will enhance the community and have capacity<br>and efficient supporting services, and where adverse environmental impacts can be avoided or<br>minimized.   | Existing (CP) |                                |
| 18.3 | POLICY: Direct high-density development to areas with existing development where the terrain is conducive to walking, bicycling and transit use, where sensitive drainage basins will not be impacted and impacts from climate hazards are low or cannot be mitigated.   | Existing (CP) |                                |
| 18.4 | POLICY: Require functional and efficient development by adopting and periodically updating zoning consistent with the Future Land Use Map.   | Existing (CP) |                                |
| 18.5 | POLICY: Provide for a compatible mix of housing and commercial uses in commercial districts<br>and village sites that enables people to walk or roll to work and shopping, supports transit, and<br>includes convenience businesses for residents. Integrate adjacent uses with walkways and<br>bike paths leading from residential areas to commercial districts and neighborhood-oriented<br>businesses. | Existing (CP) |                                |
| 18.6 | POLICY: Prioritize frequent transit service, support housing, utilize existing infrastructure, provide public improvements and concentrate new major shopping, entertainment and office uses downtown, in the medical services area of Lilly Road, near the Capital Mall, and in the urban corridors.  | Existing (CP) |                                |
| 18.7 | POLICY: Require direct and convenient pedestrian access to commercial and public buildings from streets, bus stops and parking lots, and encourage sheltered seating and other uses of vacant sections of the street edge.   | Existing (CP) |                                |

| 18.8  | POLICY: Require businesses along transit routes to accommodate transit use by including building entrances near bus stops or other features such as transit shelters or on-site bus access.      | Existing (CP) |
|-------|--|---------------|
| 18.9  | POLICY: Encourage major commercial projects to include display windows, small shops with separate entrances, and plazas with seating and other well-landscaped gathering spaces.                 | Existing (CP) |
| 18.10 | POLICY: Require new, and encourage existing, businesses to provide bicycle parking.<br>Encourage the provision of secure bicycle parking.  | Existing (CP) |
| 18.11 | POLICY: Increase the number of 10-minute neighborhoods through zoning and code changes that support an easily accessible environment, and destinations that serve a range of basic living needs. | New (TCMP)    |

| 19   | GOAL: Increase housing density, diversity and supply within urban growth areas to reduce greenhouse gas emissions, promote county-wide carbon sequestration, and support environmental justice.  | New           |  |
|------|--|---------------|--|
| 19.1 | POLICY: Participate in a County-wide "transfer of development rights" program in which a density bonus and climate resilience benefits are achievable through purchase of transferred development rights from agricultural lands in the rural portion of the county. | Existing (CP) | Supports county-wide carbon sequestration. |
| 19.2 | POLICY: Maintain a stable urban growth area to reduce development pressure on natural and working lands within Thurston County.  | New           |  |

# **Natural Environment Chapter**

Climate goals related to habitat restoration, preservation, enhancement, and connectivity are well addressed throughout the Natural Environment chapter and accompanying Shoreline Master Program. It is unreasonable to cross-list all natural environment goals and policies with the Climate Element. Staff recommend cross-listing high-level habitat restoration, protection, and connectivity measures with the Climate Element (shown below).

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?   |
|------|--|--------------------------------|---|
| 20   | GOAL: Important ecosystem structure, function, and processes are protected by Olympia's planning and regulatory activities.  | Existing (CP)                  | Promotes programs,<br>policies, and<br>development that<br>protects aquatic<br>marine, and forest<br>ecosystems from<br>extreme heat, extreme<br>precipitation, drought,<br>and rising<br>temperatures. |
| 20.1 | POLICY: Promote programs and policies that protect and restore natural systems such as wetlands, streams, riparian areas, shorelines, and stands of mature trees.  | Existing (CP)                  |   |
| 20.2 | POLICY: Increase the use of low impact development and nature-based ("green") infrastructure methods through education, technical assistance, incentives, regulations, grants, and private-public partnerships.                | Existing (CP)                  |   |
| 20.3 | POLICY: Design, build, and retrofit public projects using sustainable design and green building methods that require minimal maintenance, fit naturally into the surrounding environment, and reduce greenhouse gas emissions. | Existing (CP)                  |   |

| 21 | GOAL: Prioritized land is preserved and sustainably managed. | Existing (CP) |  |
|----|--|---------------|--|
|----|--|---------------|--|

| ID   | Goal or Policy Language   | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?   |
|------|---|--------------------------------|---|
| 21.1 | POLICY: Evaluate, acquire and manage land by a set of priorities that considers the full spectrum of environmental, social, cultural, and economic benefits. These priorities include Tribal treaty rights, stormwater management, wildlife habitat, access to nature, recreation opportunities, environmental justice, and climate resilience. | Existing (CP) -<br>modified    | Promotes land<br>acquisition and<br>management practices  |
| 21.2 | POLICY: Preserve land and acquire new parcels when there are opportunities to reduce habitat fragmentation, expand and connect habitat, and protect the most environmentally sensitive or socially important landscapes.  | Existing (CP) -<br>modified    | that support habitat<br>connectivity,<br>pollinators, and native<br>species. These  |
| 21.3 | POLICY: Identify, remove, and prevent the use and spread of invasive plants and wildlife.   | Existing (CP)                  | practices increase<br>aquatic, marine, and<br>forest ecosystems'<br>ability to respond to<br>climate stressors,<br>including extreme<br>heat, rising<br>temperatures, drought,<br>and extreme<br>precipitation. |
| 21.4 | POLICY: Design improvements to public land using vegetation that is attractive, adapted to a changing climate, supports a variety of wildlife, and requires minimal, long-term maintenance.   | Existing (CP)                  |   |
| 21.5 | POLICY: Conserve and restore wildlife and aquatic habitat in both existing habitat corridors and other ecologically important sites. Consider salmon, amphibians, migratory birds, and other similarly protected or prioritized species.  | Existing (CP)                  |   |
| 21.6 | POLICY: Increase awareness of the importance of pollinator species for food security and habitat health. Promote landscaping, gardening, and habitat stewardship practices that support pollinators.  | Existing (CP)                  |   |

| 22 | GOAL: A healthy and diverse urban forest is protected, expanded, and valued for its contribution to the environment and community. | Existing (CP) | Manages urban forests in a way that promotes |
|----|--|---------------|--|
|----|--|---------------|--|

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?                         |
|------|--|--------------------------------|---|
| 22.1 | POLICY: Consider climate resilience and adaptation strategies when developing planting plans, including species selection, planting locations, stock type, invasive pest susceptibility, and materials sourcing and maintenance. | Existing (CP)                  | longevity and<br>adaptation to extreme<br>heat, rising<br>temperatures, drought,<br>and wildfire. |
| 22.2 | POLICY: Provide new trees with the necessary soil, water, space, and nutrients to grow to maturity, and plant the right size tree where there are conflicts, such as buildings, overhead utility wires or sidewalks.             | Existing (CP)                  |   |
| 22.3 | POLICY: Adopt and promote vegetation management practices that decrease climate-<br>exacerbated risks to both human and ecosystem health from severe wildfires.  | New                            |   |

| 23   | GOAL: The waters and natural processes of Budd Inlet and other marine waters are protected from degrading impacts and significantly improved through upland, riparian and shoreline preservation and restoration. | Existing (CP) | Supports marine<br>ecosystem restoration<br>and the ability to adapt<br>to ocean acidification<br>and sea level rise. |
|------|---|---------------|---|
| 23.1 | POLICY: Remain engaged as a key stakeholder through future phases of planning and implementation toward restoring habitat and adapting the Deschutes Estuary and surrounding shorelines of Budd Inlet.            | Existing (CP) |   |
| 23.2 | POLICY: Support shellfish production and eelgrass planting that promotes bio nutrification in polluted marine areas.  | New           |   |

| 24 | GOAL: Healthy aquatic habitat is protected and restored. | Existing (CP) | Supports aquatic ecosystems' ability to |  |
|----|--|---------------|---|--|
|----|--|---------------|---|--|

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element? |
|------|--|--------------------------------|---|
| 24.1 | POLICY: Increase aquatic habitat resilience to low summer flows by increasing water residence time, storing water on the landscape, conserving water, protecting groundwater, keeping waters cool, and protecting water quality. | Existing (CP) -<br>modified    | adapt to drought and extreme heat.  |

| 25   | GOAL: Risk to human health and damage to wildlife and habitat due to harmful toxins, pollution, or other emerging threats is tracked by appropriate agencies and significantly reduced or eliminated.                     | Existing (CP) | Protects urban forests<br>from cascading<br>impacts of drought and<br>extreme heat, such as<br>pest outbreaks. |
|------|---|---------------|--|
| 25.1 | POLICY: Maintain City land and properties using non-chemical methods whenever possible; use standard <i>Integrated Pest Management</i> practices and other accepted, natural approaches to managing vegetation and pests. | Existing (CP) |  |

| 26   | GOAL: All members of the community can experience the natural environment through meaningful volunteer experiences, active recreation, and interactive learning opportunities.   | Existing (CP) | Promotes equity and<br>stewardship of<br>aquatic, marine, and<br>forest ecosystems. |
|------|--|---------------|---|
| 26.1 | POLICY: Give all members of our community opportunities to experience, appreciate, and participate in volunteer stewardship of the natural environment. Ensure that the many benefits and opportunities provided by this work reaches all Olympia's communities equitably. | Existing (CP) |   |
| 26.2 | POLICY: Honor and incorporate Indigenous history, knowledge, stewardship practices, cultural connections to the land, and promote outcomes related to Tribal treaty rights.  | Existing (CP) |   |
| 26.3 | POLICY: Foster a sense of place and community pride by carefully stewarding the trees, plants, and wildlife unique to Puget Sound. Preserve the Indigenous history of stewardship on these lands since time immemorial.  | Existing (CP) |   |

#### Parks, Arts & Recreation Chapter

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?   |
|------|--|--------------------------------|---|
| 27   | GOAL: Unique facilities, public art, events, and recreational programming encourage social interaction, foster inclusive and collaborative community building, and enhance the visual character and livability of Olympia. | Existing (CP)                  | Promotes pride and<br>sense of place.<br>Ensures community<br>events and tourism<br>can respond to<br>extreme heat and<br>wildfire. |
| 27.1 | POLICY: Continue to provide extraordinary parks and community activities that contribute to our high quality of life and attract tourism and private investment to Olympia.  | Existing (CP)                  |   |

| 28   | GOAL: The City leverages its investments in parks, arts and recreation programs and facilities.   | Existing (CP) | Ensures Park assets<br>and future investment<br>account and are<br>prepared for extreme<br>precipitation, drought,<br>and sea level rise. |
|------|---|---------------|---|
| 28.1 | POLICY: Identify and plan for climate impacts, including extreme precipitation, drought, and sea<br>level rise, to valued community assets such as parks, trails, and recreation facilities. These<br>strategies may include relocation, replacement, or adaptive design. | New           |   |
| 28.2 | POLICY: Consider climate-exacerbated hazards in all siting, planning, and life cycle assessments of new and redeveloped Capital park assets.  | New           |   |

| 29   | GOAL: A vibrant park system that meets current and future community needs.                               | Existing (CP) | Promotes equity,<br>public health, and<br>community resilience<br>to climate- |
|------|--|---------------|---|
| 29.1 | POLICY: Provide parks in close proximity (within ½ mile) to all residents.                               |               |   |
| 29.2 | POLICY: Ensure that Olympia's park system includes opportunities for its residents to experience nature. | Existing (CP) |   |

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element? |
|------|--|--------------------------------|---|
| 29.3 | POLICY: Consider how acquisition and management of new and existing Parks properties can contribute to community-wide resilience and greenhouse gas emissions reduction. | New                            | exacerbated hazards at Parks properties.                                  |

| 30   | GOAL: A lively public waterfront contributes to a vibrant Olympia.   | Existing (CP)                 |   |
|------|--|-------------------------------|---|
| 30.1 | POLICY: Encourage the acquisition of saltwater shoreline property and easements to create more public access to the waterfront.  | Existing (CP)                 | Ensures waterfront<br>development and<br>investment aligns with<br>sea level rise<br>adaptation strategies. |
| 30.2 | POLICY: Incorporate the Olympia Sea Level Rise Response Plan strategies into future design, maintenance, and operations of Percival Landing reconstruction and West Bay Park construction. | Existing -<br>modified (SLRP) |   |

| 31   | GOAL: Community members gather and recreate together.   | Existing (CP) | Protects community<br>events and<br>programming from<br>disruptions from<br>extreme heat and<br>wildfire smoke. |
|------|---|---------------|---|
| 31.1 | POLICY: Support contingency planning for outdoor events, programming, and recreation potentially disrupted by climate-exacerbated hazards.                      | New           |   |
| 31.2 | POLICY: Encourage timely recovery, reopening, and reconstruction of damaged park assets after a natural disaster to ensure continuity of high-quality services. | New           |   |

| 32 | GOAL: An urban trails system interconnects parks, schools, neighborhoods, open spaces, historical settings, neighboring jurisdictions' trails systems, important public facilities, and employment centers via both on- and off-street trails. | Existing (CP) | Supports the reduction<br>of vehicle miles<br>travelled (VMT) in<br>Olympia. |  |
|----|--|---------------|--|--|
|----|--|---------------|--|--|

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element? |
|------|--|--------------------------------|---|
| 32.1 | POLICY: Encourage walking, bicycling and other non-vehicular access for recreation and transportation purposes by linking parks to multi-modal routes, streets and trails in coordination with the Transportation Master Plan. | Existing (CP)                  |   |

| 33   | GOAL: Olympia's park system is resilient and provides climate mitigation and adaptation benefits.   | Existing (CP)               | Manages park<br>properties to better<br>prepare for and adapt<br>to extreme<br>precipitation, drought,<br>extreme heat, and<br>wildfire. Supports<br>ecosystem function<br>and services. |
|------|---|-----------------------------|--|
| 33.1 | POLICY: Restore and plant climate resilient vegetation and trees utilizing scientific best practices. Maintain and support Olympia's street trees to help cool streets and neighborhoods.                     | Existing (CP)               |  |
| 33.2 | POLICY: Implement tree selection, care and maintenance best practices that account for drier and hotter future climate conditions.  | New                         |  |
| 33.3 | POLICY: Enhance protection of parks from wildfire by periodically updating the Wildfire<br>Protection plan based on evolving climate conditions and best practices for proper mitigation of<br>wildfire risk. | New                         |  |
| 33.4 | POLICY: Identify opportunities for using existing and new parks and open space for stormwater management to the extent possible while providing recreational opportunities.                                   | Existing (CP) -<br>modified |  |
| 33.5 | POLICY: Protect habitat, restore natural areas, manage shorelines, and plan for climate change impacts.   | Existing (CP) -<br>modified |  |
| 33.6 | POLICY: Practice water conservation measures and implement water-smart designs in park properties and operations.   | New                         |  |
| 33.7 | POLICY: Continue to support urban agriculture such as community gardens and pollinator gardens on Parks owned properties.   | New                         |  |

| ID   | Goal or Policy Language   | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?                                  |
|------|---|--------------------------------|--|
| 34   | GOAL: Olympia's parks and public art support environmental stewardship and awareness of climate change.   | New                            | Promotes community<br>resilience,<br>stewardship and<br>sense of place to<br>future climate<br>conditions. |
| 34.1 | POLICY: Educate parks visitors and the community about environmental stewardship, conservation, and climate change impacts and solutions.                                   | Existing (CP)                  |  |
| 34.2 | POLICY: Inspire community members to act by leading through example in environmental stewardship, visible changes in the way we do business and how we plan for the future. | Existing (CP)                  |  |

# **Public Safety Chapter**

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?  |
|------|--|--------------------------------|--|
| 35   | GOAL: The community has a high level of fire protection, emergency medical services equal to or exceeding the industry standard and community expectations.  | Existing (CP)                  | Ensures the City's<br>emergency<br>management can<br>respond to wildfires. |
| 35.1 | POLICY: Ensure equipment and other assets are adequate in capacity to serve the safety needs of our evolving community and changing climate.   | Existing (CP) –<br>modified    |  |
| 35.2 | POLICY: Continue training and financial support for mutual aid partnerships with neighboring jurisdictions to ensure proper resources to fight wildfires regionally, while maintaining local level of service. | New                            |  |

| 36   | GOAL: The community proactively prepares for major disasters and is in position to quickly and successfully respond and recover to a wide range of emergency scenarios   | Existing (CP) | Ensures the City is<br>properly prepared to<br>respond to extreme<br>heat, sea level rise,<br>and wildfire and<br>smoke. |
|------|--|---------------|--|
| 36.1 | POLICY: Coordinate the City's preparation, mitigation, response and recovery to disasters through an all-hazard Emergency Management program that includes planning for major catastrophic events.                                 | Existing (CP) |  |
| 36.2 | POLICY: Maintain role as a participating agency for post-disaster and pandemic recovery through the coordination of disaster cost recovery, and the facilitation of our community's short- and long-term recovery goals.           | Existing (CP) |  |
| 36.3 | POLICY: Coordinate with regional partners to develop and implement extreme heat and wildfire smoke strategies. Prioritize actions and resources towards populations most vulnerable to extreme heat and wildfire and smoke events. | New           |  |

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element? |
|------|--|--------------------------------|---|
| 36.4 | POLICY: Support existing and recruit new community centers and social service providers to act<br>as resource hubs (also known as resilience hubs) during emergencies and climate-exacerbated<br>hazards. Ensure these facilities have redundant infrastructure systems and are prepared with<br>necessary resources to protect public health. | New                            |   |

| 37   | GOAL: The community proactively provides emergency preparedness education and training to help prepare our community for catastrophic emergencies and respond to climate change.  | New           | Protects public health<br>and ensures quick<br>response to extreme<br>heat, sea level rise,<br>and wildfire and<br>smoke. |
|------|---|---------------|---|
| 37.1 | POLICY: Educate community members on how to sustain their households without outside<br>assistance for a minimum of 72 hours during an emergency event or power outage, and that<br>some events, such as a severe earthquake, may require them to sustain themselves for five to ten<br>days or more. | Existing (CP) |   |
| 37.2 | POLICY: Expand notification alerts to reduce exposure to climate-exacerbated hazards, including wildfire smoke, tidal flooding, and extreme heat. Encourage the community to sign up for notification alerts through education and outreach.  | New           |   |
| 37.3 | POLICY: Prioritize emergency preparedness education, outreach, and resources towards communities most vulnerable to climate-exacerbated hazards and emergencies.  | New           |   |

| 38 | GOAL: Maintain a well-trained, resilient, safe and sustainable Emergency Management organization. | Existing (CP) | Ensures emergency preparedness and |  |
|----|---|---------------|------------------------------------|--|
|----|---|---------------|------------------------------------|--|

| ID   | Goal or Policy Language   | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?  |
|------|---|--------------------------------|--|
| 38.1 | POLICY: Factor climate-exacerbated hazards into the planning and coordination of emergency preparedness, response, and recovery among first-responders and partners. Anticipate and modify staffing and resource needs before projected hazard event for effective and timely response. | New                            | response to extreme<br>heat, sea level rise,<br>and wildfire and<br>smoke. |
| 38.2 | POLICY: Maintain capacity and staff time for emergency management, planning, and preparedness across the City.  | New                            |  |

#### **Public Utilities Chapter**

Climate goals related to low impact development and drinking water, stormwater, and wastewater systems infrastructure upgrades are well addressed throughout the Public Utilities chapter. It is unreasonable to cross-list all public utilities goals and policies within the Climate Element. Staff recommend cross-listing high-level with the Climate Element (shown below).

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?   |
|------|--|--------------------------------|---|
| 39   | GOAL: Reliable utility service is provided at the lowest reasonable cost, consistent with the City's aims of environmental stewardship, social equity, economic development and the protection of public health.   | Existing (CP)                  | Supports the reduction<br>of landfilled waste.<br>Solid waste<br>contributes 3% of<br>Olympia's community-<br>wide greenhouse gas<br>emissions. |
| 39.1 | POLICY: Ensure that utility fees, such as rates and general facility charges, are structured to reasonably reflect the actual cost of providing services to each customer rate-service class. Fees must also encourage customers to conserve water, reduce their demand on our wastewater treatment system, reduce waste generation, and maximize waste diversion to the greatest extent feasible. | Existing (CP)                  |   |

| 40   | GOAL: Solid waste is managed as a resource to provide environmental, economic, and social benefits.   | Existing (CP) | Supports the reduction<br>of landfilled waste.<br>Solid waste<br>contributes 3% of<br>Olympia's community-<br>wide greenhouse gas<br>emissions. |
|------|---|---------------|---|
| 40.1 | POLICY: Maintain and update the Waste ReSources Management Plan, Engineering Design and<br>Development Standards, and Olympia Municipal Code to ensure sanitary conditions are realized,<br>solid waste collection operations are safe and efficient, waste prevention and diversion are<br>optimized, and programs and services support a circular system where all waste is diverted from<br>landfills. | Existing (CP) |   |

| ID   | Goal or Policy Language   | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element? |
|------|---|--------------------------------|---|
| 40.2 | POLICY: Support state legislation to establish extended producer responsibility policies and programs, increase reuse and repair of consumer goods and materials, improve/increase recycling and composting, reduce natural resource consumption, and reduce household hazardous waste and harmful chemicals. | Existing (CP)                  |   |

| 41   | GOAL: Solid waste disposed of in landfills is 75% lower than 2021 levels by 2040.   | New           | Supports the reduction<br>of landfilled waste.<br>Solid waste<br>contributes 3% of<br>Olympia's community-<br>wide greenhouse gas<br>emissions. |
|------|---|---------------|---|
| 41.1 | POLICY: Reduce waste associated with city operations and encourage recycling through the City's purchasing, recycling and disposal policies.  | Existing (CP) |   |
| 41.2 | POLICY: Follow the solid waste management hierarchy established in federal and state legislation, which sets waste reduction as the highest priority management option, followed by reuse, recycling/composting and responsible disposal.   | Existing (CP) |   |
| 41.3 | POLICY: Expand the City's recycling, composting, and waste reduction programs, to the greatest<br>extent feasible, to ensure all community members have access to waste reduction, reuse,<br>composting, and recycling programs and services. Prioritize programs and services that<br>maximize community-wide waste reduction and diversion of material from disposal into<br>remanufacture and reuse. | Existing (CP) |   |

| 42 | GOAL: Reduce waste associated with construction, renovation, and demolition of buildings and infrastructure. | New | Supports the reduction of landfilled waste from the building |
|----|--|-----|--|
|----|--|-----|--|

| ID   | Goal or Policy Language   | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?                             |
|------|---|--------------------------------|---|
| 42.1 | POLICY: Develop and implement a comprehensive strategy to minimize waste associated with building demolition.   | New                            | sector. Solid waste<br>contributes 3% of<br>Olympia's community-<br>wide greenhouse gas<br>emissions. |
| 42.2 | POLICY: Collaborate with local businesses and public agencies to develop local facilities and programs to enable reuse and recycling of construction and demolition debris. | New                            |   |
| 42.3 | POLICY: Develop incentives and technical assistance programs to encourage reuse and recycling of construction and demolition debris.  | New                            |   |

| 43   | GOAL: Utility and land use plans are coordinated so that utility services can be provided and maintained for proposed future land uses.  | Existing (CP)               | Reduces risk of<br>infrastructure failure<br>from extreme<br>precipitation and sea<br>level rise. |
|------|--|-----------------------------|---|
| 43.1 | POLICY: Evaluate land use plans and utility goals periodically to ensure growth is guided by our knowledge of current environmental constraints. This includes risks from climate change and the latest available utility technology and up-to date growth and development projections, including those that incorporate climate migration considerations.                     | Existing (CP)               |   |
| 43.2 | POLICY: Make necessary improvements to utility facilities that do not currently meet minimum standards. Prioritize capital improvements to existing systems based on age, condition, risk of failure, and capacity to support infill development and increase climate adaptation, while also balancing the fair distribution of services and benefits to the entire community. | Existing (CP) -<br>modified |   |

| 44 | GOAL: Use Olympia's water resources efficiently to meet the needs of the community, reduce demand on facilities, and protect the natural environment. | Existing (CP) |  |
|----|---|---------------|--|
|----|---|---------------|--|

| ID   | Goal or Policy Language   | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element? |
|------|---|--------------------------------|---|
| 44.1 | POLICY: Encourage and allow re-use techniques, including: rainwater collection, greywater systems, and the use of Class A reclaimed water as alternatives to the use of potable water. This can enhance stream flows or recharge aquifers, while also protecting water quality consistent with local and State regulations. | Existing (CP)                  | Conserves water<br>resources under<br>drought conditions.                 |
| 44.2 | POLICY: Support conservation programs and resources that provide incentives to urban farmers to implement best management practices that address impacts of climate change and invest in solutions to adapt to future climate conditions.   | New                            |   |

| 45   | GOAL: Adequate supplies of clean drinking water are available for current and future generations and instream flows and aquifer capacity are protected.  | Existing (CP) | Identifies risks and<br>implements<br>redundancy to drinking<br>water systems under<br>drought conditions and<br>potential wildfires. |
|------|--|---------------|---|
| 45.1 | POLICY: Maintain and implement a comprehensive drought resilience strategy that factors in projected climate impacts and sets action levels for different drought stages   | New           |   |
| 45.2 | POLICY: Develop and maintain multiple, geographically dispersed sources of water to supply to increase the reliability and redundancy of the system  | Existing (CP) |   |
| 45.3 | POLICY: Continue water level monitoring of existing City-owned production and monitoring wells<br>and expand monitoring well network as may be needed. Maintain numerical groundwater models<br>to better define aquifer characteristics and impacts, if any, from climate change and to<br>accurately evaluate the impacts of the City's withdrawals. | Existing (CP) |   |
| 45.4 | POLICY: Assess and document the risk wildfire poses to drinking water utility systems.   | New           |   |

|    | GOAL: The wastewater collection system is designed and operated as to minimize long term |  | Prevents          |
|----|--|--|-------------------|
| 46 | costs, provide sufficient capacity for projected demand, promote equity, and protect the |  | overwhelming the  |
|    | natural environment.   |  | sewer system from |

| ID   | Goal or Policy Language  | Measure?      | Why are we<br>including this goal<br>or policy in the<br>Climate Element? |
|------|--|---------------|---|
| 46.1 | POLICY: Separate combined wastewater/stormwater pipes in conjunction with stormwater and road improvements or residential repairs, when economically feasible. | Existing (CP) | increased flows from extreme precipitation and sea level rise.            |

| 47   | GOAL: The frequency and severity of flooding are managed and hazards are eliminated, except during major storm events.  | Existing (CP)               |   |
|------|---|-----------------------------|---|
| 47.1 | POLICY: Prioritize City upgrades and retrofits to improve stormwater systems in areas that are vulnerable to overland flooding and sea level rise.  | Existing (CP) -<br>modified |   |
| 47.2 | POLICY: Emphasize the importance of emergency preparedness.   | Existing (CP)               | Prevents<br>overwhelming the<br>sewer system from<br>increased flows from<br>extreme precipitation<br>and sea level rise. |
| 47.3 | POLICY: Support knowledge sharing with private stormwater system owners about ways to upgrade or retrofit systems for increased precipitation intensity expected under future climate conditions. | New                         |   |
| 47.4 | POLICY: Prioritize solutions to flooding that serves overburdened neighborhoods.  | Existing (CP)               | Prevents marine and   |
| 47.5 | POLICY: Reduce the volume of sewer overflows annually.  | New (WWMP)                  | aquatic pollution and street flooding.  |
| 47.6 | POLICY: Evaluate and assess approaches to appropriately size stormwater facilities for increased precipitation intensity expected under future climate conditions.                                | New                         |   |
| 47.7 | POLICY: Adapt wastewater infrastructure to accommodate forecast precipitation trends.   | New (WWMP)                  |   |

| 10 | D   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?                            |
|----|-----|--|--------------------------------|--|
| 48 | 8.1 | POLICY: Where feasible, retrofit existing streetscape with water quality and quantity stormwater system improvements to minimize pollution from roadway runoff to natural drainage systems and the waters of Puget Sound.  | Existing (CP)                  | extreme precipitation<br>and sea level rise.<br>Prevents marine<br>pollution and street<br>flooding. |
| 48 | 8.2 | POLICY: Implement a Capital Improvement Program that maintains and improves the municipal separate storm sewer system in a manner that enhances and protects the City's natural environment, mitigates flooding problems, improves water quality, adapts to future climate conditions, promotes a reliable and safe transportation network and provides the community a safe and healthy place for living, working and recreating. | Existing (CP) -<br>modified    |  |

| 49   | GOAL: Cooperation and coordination exists among jurisdictions and private utility providers.  | Existing (CP) | Hardens energy grid  |
|------|---|---------------|--|
| 49.1 | POLICY: Olympia and Thurston County will coordinate with each other and the cities of Lacey and<br>Tumwater on emergency management related to utility services by following the Natural Hazards<br>Mitigation Plan for the Thurston Region | Existing (CP) | from extreme heat and<br>wildfire. Protects all<br>utilities from climate-<br>exacerbated hazards. |
| 49.2 | POLICY: Collaborate with PSE to ensure continuity of operations and service provision during climate-exacerbated emergencies, including extreme heat and wildfire events.   | New           |  |

| 50 | GOAL: Private utilities are located underground whenever possible to protect public health, safety and welfare, and to create a more reliable utility system. | Existing (CP) | Hardens energy grid<br>from extreme heat and<br>wildfire. |  |
|----|---|---------------|---|--|
|----|---|---------------|---|--|

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element? |
|------|--|--------------------------------|---|
| 50.1 | POLICY: Coordinate the undergrounding of both new and existing private utility lines consistent with policies PU 3.1 and PU 3.2 ( <i>refers to Public Utilities Chapter policies outside of the Climate Element</i> ). | Existing (CP)                  |   |

| 51   | GOAL: The stormwater and wastewater systems are resilient to the impacts of sea level rise and increased precipitation intensity  | New (SLRP) | Increases<br>preparedness and<br>ability to recover from<br>future sea level rise. |
|------|---|------------|--|
| 51.1 | POLICY: Continue to implement sea level rise adaptation measures to infrastructure systems and operations, such as flood gates and pumps on stormwater outfalls.  | New (SLRP) |  |
| 51.2 | POLICY: Continue to partner with the Sea Level Rise Collaborative to implement the Olympia Sea Level Rise Response Plan.  | New (SLRP) |  |
| 51.3 | POLICY: Establish new partnerships to design, plan, and adapt Olympia's infrastructure systems to prepare for sea level rise.   | New (SLRP) |  |
| 51.4 | POLICY: Continue to implement flow reduction programs through partnership with LOTT Clean Water Alliance and Cities of Lacey and Tumwater for single family, multi family, and industry and commercial customers who receive LOTT services. | New (SLRP) |  |

### **Transportation Chapter**

Vehicle Miles traveled (VMT) reduction goals are well addressed throughout the transportation chapter. It is unreasonable to cross-list all transportation goals and policies with the Climate Element. Staff recommend cross-listing high-level VMT reduction and vehicle electrification measures with the Climate Element (shown below).

| ID   | Goal or Policy Language   | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?    |
|------|---|--------------------------------|--|
| 52   | GOAL: The transportation system will support meeting the target of net-zero greenhouse gas emissions by 2040.       | Existing (CP)                  | Supports the reduction<br>of vehicle miles<br>travelled (VMT) in<br>Olympia. |
| 52.1 | POLICY: Reshape the transportation system so that it's easier to walk or roll, bike, or take transit than to drive. | Existing (CP)                  |  |

| 53   | GOAL: Vehicle miles traveled will be 25% lower than 2021 levels by 2040.                    | Existing (CP) | Supports the reduction<br>of vehicle miles<br>travelled (VMT) in<br>Olympia. |
|------|---|---------------|--|
| 53.1 | POLICY: Build and retrofit streets to support walking, rolling, biking, and taking transit. | Existing (CP) |  |

| 54   | GOAL: 100% of light-duty vehicles within Olympia will be electric by 2040. 75% of heavy-duty vehicles will be either electric or fueled by green hydrogen by 2040.          | Existing (CP) | Supports the reduction<br>of emissions from<br>transportation in<br>Olympia.<br>Transportation<br>contributes 34% of<br>Olympia's community-<br>wide greenhouse gas<br>emissions. |
|------|---|---------------|---|
| 54.1 | POLICY: Support the state of Washington's law that all new light-duty passenger vehicles sold, purchased, or registered will be electric starting with the model year 2030. | Existing (CP) |   |
| 54.2 | POLICY: Seek ways to encourage people to replace gas-powered vehicles with electric vehicles.   | Existing (CP) |   |
| 54.3 | POLICY: Encourage Intercity Transit's transition to green fuel buses.   | Existing (CP) |   |

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element? |
|------|--|--------------------------------|---|
| 54.4 | POLICY: Encourage the Port of Olympia to transition diesel-powered freight vehicles serving the Port to green fuels. | Existing (CP)                  |   |
| 54.5 | POLICY: Encourage the school district to transition diesel-powered school buses to green fuels.                      | Existing (CP)                  |   |
| 54.6 | POLICY: Convert City fleet to zero-emission vehicles and develop supporting infrastructure and programs.             | New                            |   |

| 55   | GOAL: Parking is provided in a way that makes its costs more clear to the driver, so people can make better informed choices about whether to drive.  | Existing (CP) | Supports the reduction<br>of vehicle miles<br>travelled (VMT) in<br>Olympia. |
|------|---|---------------|--|
| 55.1 | POLICY: Manage the cost and supply of parking to prioritize on-street parking for customers over commuters.   | Existing (CP) |  |
| 55.2 | POLICY: Where paid parking exists, develop policies to ensure that people pay for parking the day or hour they use it. Avoid the sale of weekly, monthly, or yearly parking permits, so that people make the decision to drive on a daily basis. This may make them more inclined to walk, roll, bike, or take transit. | Existing (CP) |  |
| 55.3 | POLICY: Work with the state of Washington on consistent parking strategies to help meet the commute trip and vehicle miles reduction goals of the region.   | Existing (CP) |  |
| 55.4 | POLICY: Allocate curb space strategically. Repurpose some vehicle parking stalls for active uses that complement adjacent land uses.  | Existing (CP) |  |
| 55.5 | POLICY: Limit parking spaces near transit-oriented development to encourage use of transit and decrease single-occupancy vehicle travel.  | New           |  |

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?   |
|------|--|--------------------------------|---|
| 56   | GOAL: Seek ways to reduce the urban heat island effect in street design.   | Existing (CP)                  |   |
| 56.1 | POLICY: Include street trees in street design to shade sidewalks, protect asphalt from heat, and buffer pedestrians. Proper selection, care, and placement are critical to long-term maintenance of trees along streets, pavement, and sidewalks | Existing (CP)                  | Protects public health,<br>increases tree canopy,<br>supports local<br>businesses and<br>livability, and protects<br>street surfacing from<br>extreme heat. |
| 56.2 | POLICY: Include vegetation in street designs to reduce heat island and stormwater impacts and to improve the visual appeal of streets.   | Existing (CP)                  |   |
| 56.3 | POLICY: Where feasible, use pavement and sidewalk materials that reduce heat island and stormwater impacts.  | Existing (CP)                  |   |

| 57   | GOAL: As new streets are built and existing streets are reconstructed, add multimodal features consistent with the policies in this plan and specified in the City of Olympia Engineering Design and Development Standards. | Existing (CP) | Reduces marine and<br>aquatic pollution and<br>prevents street<br>flooding. Protects<br>public health from<br>extreme heat. |
|------|---|---------------|---|
| 57.1 | POLICY: Use innovative designs to reduce or eliminate stormwater run-off.   | Existing (CP) |   |
| 57.2 | POLICY: Seek opportunities to add shade and cooling features with sidewalk and street projects.   | New           |   |

| 58   | GOAL: The street network is a well-connected system of small blocks, allowing short, direct trips for pedestrians, bicyclists, transit users, drivers, and service vehicles. | Existing (CP) | Addresses emergency<br>response and routing<br>concerns from sea<br>level rise. |
|------|--|---------------|---|
| 58.1 | POLICY: Build new street connections so that emergency vehicles, transit, and other service vehicles have direct and efficient access.                                       | Existing (CP) |   |

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?  |
|------|--|--------------------------------|--|
|      |  |                                |  |
| 59   | GOAL: Intercity Transit's short- and long-range plans are supported.   | Existing (CP)                  | Provides shade and<br>protection for   |
| 59.1 | Policy: Coordinate with Intercity Transit in requiring developers to provide facilities that help transit riders easily walk, roll, or bike to and from stops, such as shelters, awnings, bike parking, walkways, benches, and lighting.   | Existing (CP)                  | protection for<br>pedestrians and transit<br>riders during extreme<br>heat. Promotes equity.   |
|      |  |                                |  |
| 60   | GOAL: Ensure that the local transportation system — including infrastructure, routes, and travel modes — is able to withstand and recover quickly from the impacts of extreme weather events and other hazards exacerbated by climate change.  | New                            | Ensures transportation<br>networks can<br>withstand and recover<br>from extreme heat, sea<br>level rise, and extreme<br>precipitation impacts. |
| 60.1 | POLICY: Use the most up-to-date hazard data to map transportation infrastructure that is vulnerable to repeated floods, sea level rise, and other physical hazards. Designate alternative travel routes for critical transportation corridors when streets must be closed. Align with regional planning efforts. | New                            |  |
| 60.2 | POLICY: Facilitate quick recovery of the whole multimodal transportation system after disruption from disasters or extreme weather events.   | New                            |  |
| 60.3 | POLICY: Continue to collaborate with WSDOT on bridge monitoring, maintenance, and impacts from extreme heat and extreme weather.   | New                            |  |
| 60.4 | POLICY: Factor climate impacts into management and maintenance of streets and transportation assets  | New                            |  |

| ID   | Goal or Policy Language  | New or<br>Existing<br>Measure? | Why are we<br>including this goal<br>or policy in the<br>Climate Element?  |
|------|--|--------------------------------|--|
| 61   | GOAL: All streets are safe and inviting for pedestrians and bicyclists. Streets are designed to be human scale and encourage safe driving.   | Existing (CP)                  | Supports community<br>pride, identity, and<br>economic<br>development under<br>future climate<br>conditions, including<br>rising temperatures. |
| 61.1 | Create attractive streetscapes with sidewalks, trees, planter strips, and pedestrian-scale streetlights. In denser areas, provide benches, building awnings, and attractive and functional transit stops and shelters. | Existing (CP)                  |  |