

**Kirkland 2044 Comprehensive Plan Update
Utilities Element
V.2 Public Hearing Version**

Utilities Element Goal and Policy Updates				
EXISTING UTILITIES ELEMENT GOALS AND POLICIES	PROPOSED GOAL AND POLICY REVISIONS [v.1] Deleted text shown in strikethrough. <u>Added text shown in underline.</u>	PROPOSED GOAL AND POLICY REVISIONS [v.2 Hearing Version]	NOTES FOR PLANNING COMMISSION	REVISION REQUIRED PER: (State, Regional, County, Equity Review etc.)
Figure U-1: Water System			Updated to reflect current data	
Figure U-2: Sanitary Sewer System			Updated to reflect current data	
Figure U-3: Surface Water Management System			Updated to reflect current data	
Figure U-4: Northshore and Woodinville Water Systems			Updated to reflect current data	
Figure U-5: Northshore and Woodinville Sewer Systems			Updated to reflect current data	
Figure U-6: Natural Gas Distribution System and Hazardous Liquid Transmission System			Updated to reflect current data	
Figure U-7: Electrical Transmission System			Updated to reflect current data	
<i>No existing figure</i>	New Figure U-8: Fiber Conduit System		New figure that shows the fiber-optic network in Kirkland	
Goal U-1: Maintain the quality of life in Kirkland through the planned provision of public and private utilities.	<i>No change</i>	Goal U-1: Maintain the <u>adequate and efficient provision of public and private utilities</u> quality of life in Kirkland through the planned provision of public and private utilities.	Clarifies what quality of life means with utilities	
Policy U-1.1: Maintain an inventory of existing capital facilities and utilities, including locations and capacities of such systems and facilities.	<i>No change</i>	<i>No change</i>		
Policy U-1.2: Provide for needed capital facilities and utilities based on adopted levels of service and forecasted growth in accordance with the Land Use Element of this Plan.	Policy U-1.2: Provide for needed capital facilities and utilities <u>to achieve community goals related to growth</u> based on adopted levels of service and forecasted growth in accordance with the Land Use Element of this Plan <u>and to meet established levels of service.</u>	<i>No change from v.1</i>		
Policy U-1.3: Use the following level of service standards for determining the need for City-managed public sewer, water, and surface water facilities: Water distribution residential use: 103 gallons/day/capita Water distribution all other uses (Irrigation, business, fire suppression): 249 gallons/day/capita (includes 1.5 million gallons for fire storage) Sanitary sewer collection: 100 gallons/day/capita Surface water management: Conveyance, flow control, and water quality treatment per the Stormwater Management Manual for Western Washington or equivalent to prevent flooding, and protect water quality, and habitat in streams and lakes.	Policy U-1.3: Use the City's functional plans and designated <u>guidance materials to manage the City's</u> following level of service standards for determining the need for City-managed public sewer, water, and surface water facilities: <u>Water distribution, supply, pumping, and storage capacity per the City's current Water System Plan to provide safe and reliable drinking water for domestic, commercial, irrigation, and fire suppression uses.</u> 103-gallons/day/capita Water distribution all other uses (Irrigation, business, fire suppression): <u>249-gallons/day/capita (includes 1.5 million gallons for fire storage)</u> Sanitary sewer collection: <u>Collection and pumping capacity per the City's current General Sewer Plan for conveyance to regional wastewater treatment facilities to protect public health and the environment.</u> 100-gallons/day/capita Surface water management: Conveyance, flow control, and water quality treatment per the Stormwater Management Manual for Western Washington or equivalent to prevent flooding, and protect	<i>No change from v.1</i>	Public Works staff stated that the numbers in the 2015 version of the table are oversimplified and they are not able to update these numbers. They recommended referring to the functional plans.	
Policy U-1.4: Ensure that utility services are provided in a manner that is environmentally sensitive, safe and aesthetically compatible with surrounding land uses.	Policy U-1.4: Ensure that utility services are provided in a manner that is environmentally sensitive, safe, and aesthetically compatible with surrounding land uses, <u>reduces greenhouse gases, and achieves the City's sustainability goals.</u>	Policy U-1.4: Ensure that utility services are provided in a manner that is environmentally sensitive, <u>considers future climate-related impacts,</u> is safe, and aesthetically compatible with <u>planned</u> surrounding land uses, <u>reduces greenhouse gases, and achieves the City's sustainability goals.</u>	Incorporates Planning Commission (PC) and Washington Department of Fish and Wildlife comments	

**Kirkland 2044 Comprehensive Plan Update
Utilities Element
V.2 Public Hearing Version**

Utilities Element Goal and Policy Updates				
EXISTING UTILITIES ELEMENT GOALS AND POLICIES	PROPOSED GOAL AND POLICY REVISIONS [v.1] <small>Deleted text shown in strikethrough. Added text shown in underline.</small>	PROPOSED GOAL AND POLICY REVISIONS [v.2 Hearing Version]	NOTES FOR PLANNING COMMISSION	REVISION REQUIRED PER: <small>(State, Regional, County, Equity Review etc.)</small>
Policy U-1.5: Facilitate and encourage the conservation of utility resources.	Policy U-1.5: Facilitate and encourage the conservation of <u>electricity, water, and other utility resources to ensure community resilience.</u>	<i>No change from v.1</i>		King County Countywide Planning Policy (CPP), PC/City Council study issue
Policy U-1.6: Promote renewable energy.	Policy U-1.6: Promote renewable energy.	<i>No change from v.1</i>	Deleted because this is covered by policies U-7.2 and U-7.4.	
Policy U-1.7: Provide equal access to utility services, regardless of historic disparities in income and employment opportunities.	<i>No change</i> (renumbered to Policy U-1.6)	<i>No change</i>		
Policy U-1.8: Install new and, where feasible, existing utility distribution lines underground.	Policy U-1.78: Install new utility lines underground and, where feasible, move existing utility distribution lines underground.	<i>No change from v.1</i>	Clarifies the original policy	
Policy U-1.9: Encourage the joint use of utility corridors and facilities.	<i>No change</i> (renumbered to Policy U-1.8)	<i>No change</i>		
Policy U-1.10: Coordinate with other jurisdictions and tribes when utility additions and improvements cross jurisdictional boundaries to ensure that decisions are consistent with regional demand and resources and consistency in timing of permit review.	<i>No change</i> (renumbered to Policy U-1.9)	Policy U-1.910: Coordinate with utility providers, other jurisdictions, and tribes when utility additions and improvements cross jurisdictional boundaries to ensure that decisions are consistent with regional demand and resources and consistency in timing of permit review.		
<i>No existing policy</i>	<i>New . Policy U-1.10: Identify opportunities to streamline permits for utility projects that increase electrical capacity and align with the City's electrification and net-zero energy goals.</i>	<i>New . Policy U-1.10: Identify opportunities to expedite or streamline permits for utility projects that increase electrical capacity and align with the City's electrification and net-zero energy goals.</i>	Incorporates comments from PSE	
Goal U-2: Provide an efficient system to deliver high quality water.	<i>No change</i>	Goal U-2: Provide an efficient system to deliver <u>safe, reliable, and sustainable high quality</u> water.	Clarifies what high quality water means	
Policy U-2.1: Work in coordination with other jurisdictions and purveyors in the region to ensure a reliable, economic and sustainable source of water and to address long-term regional water demand.	Policy U-2.1: Work in coordination with other jurisdictions and purveyors in the region to ensure a reliable, economic and sustainable source of water and to address long-term regional water demand, <u>considering the impacts of climate change and fisheries protection on regional water resources.</u>	<i>No change from v.1</i>		King County CPP, PC/City Council study issue
Policy U-2.2: Implement system rehabilitation and improvements in order to manage water resources.	<i>No change</i>	<i>No change</i>		
Policy U-2.3: Protect public health and safety, through the appropriate design, installation, and maintenance of water facilities.	<i>No change</i>	<i>No change</i>		
<i>No existing policy</i>	<i>New . Policy U-2.4: Ensure a resilient water system by maintaining emergency interties with adjacent purveyors.</i>	<i>No change from v.1</i>		King County CPP, PC/City Council study issue
Policy U-2.4: Visually screen new water towers and other water utility infrastructure to blend into their surroundings.	<i>No change</i> (renumbered to Policy U-2.5)	Policy U-2.5: Visually screen new water towers and other water utility infrastructure to blend into their surroundings. <u>Use design techniques, such as screening, to ensure that new water towers and other utility infrastructure is aesthetically compatible with their surroundings.</u>		
Goal U-3: Protect public health and environmental quality through appropriate and efficient design, installation, and maintenance of sanitary sewer infrastructure.	<i>No change</i>	<i>No change</i>		
Policy U-3.1: Work with King County, adjoining jurisdictions, and local purveyors to manage, regulate, and maintain the regional sewer system.	<i>No change</i>	<i>No change</i>		

**Kirkland 2044 Comprehensive Plan Update
Utilities Element
V.2 Public Hearing Version**

Utilities Element Goal and Policy Updates				
EXISTING UTILITIES ELEMENT GOALS AND POLICIES	PROPOSED GOAL AND POLICY REVISIONS [v.1] <small>Deleted text shown in strikethrough. Added text shown in underline.</small>	PROPOSED GOAL AND POLICY REVISIONS [v.2 Hearing Version]	NOTES FOR PLANNING COMMISSION	REVISION REQUIRED PER: (State, Regional, County, Equity Review etc.)
Policy U-3.2: Ensure that all new development proposals are served by adequate sanitary sewer systems.	<i>No change</i>	<i>No change</i>		
Policy U-3.3: Connect areas that are on septic systems to sanitary sewer.	<i>No change</i>	<i>No change</i>		PSRC Vision 2050 Multicounty Planning Policy (MPP)
Policy U-3.4: Correct deficiencies and increase system efficiency. Emphasis should be placed on correcting deficiencies that present sewage overflow risks.	<i>No change</i>	<i>No change</i>		
Policy U-3.5: Educate businesses and the public on the proper use of the sewer conveyance system.	<i>No change</i>	<i>No change</i>		
Policy U-3.6: Encourage water reuse and reclamation.	Policy U-3.6: <u>Work with Cascade Water Alliance and other regional partners to pursue</u> Encourage water reuse and reclamation.	<i>No change from v.1</i>		
Goal U-4: Provide surface water management facilities, programs and services that provide adequate drainage and minimize flooding while protecting and enhancing the water quality and habitat value of streams, lakes, and wetlands.	<i>No change</i>	<i>No change</i>		
Policy U-4.1: Implement the priorities and needs identified in the City's Surface Water Master Plan.	Policy U-4.1: Implement the priorities and needs identified in the City's Surface Water Master <u>Strategic</u> Plan.	<i>No change from v.1</i>		
Policy U-4.2: Adopt surface water design standards for new development and redevelopment that incorporate best available research and technology in protecting water resources in an economical and feasible manner.	Policy U-4.2: Adopt <u>and implement</u> surface water design standards for new development, and redevelopment, <u>and construction sites</u> that incorporate best available research and technology in protecting water resources in an economical and feasible manner, <u>and provide effective sediment and erosion control from sites.</u>	<i>No change from v.1</i>		
Policy U-4.3: Adopt and implement standards for control of runoff and erosion from construction sites.	Policy U-4.3: Adopt and implement standards for control of runoff and erosion from construction sites.		Deleted and incorporated into Policy U-4.2	
Policy U-4.4: Encourage or require use of "low impact development" principles and practices to minimize the surface water impacts of development.	Policy U-4.34: Maximize the <u>Encourage or require</u> use of "low impact development" <u>or green infrastructure</u> principles and practices to minimize the surface water impacts of development.	<i>No change from v.1</i>	Updated to be consistent with City codes	
Policy U-4.5: Require businesses and residents to take steps to prevent stormwater pollution.	<i>No change</i> (renumbered to Policy U-4.4)	<i>No change</i>		
Policy U-4.6: Minimize environmental damage from spilling and/or dumping of pollutants into the storm drainage system.	<i>No change</i> (renumbered to Policy U-4.5)	<i>No change</i>		
Policy U-4.7: Assess the quality of water and habitat in local streams and lakes to evaluate the effectiveness of utility standards and programs and to focus future efforts.	<i>No change</i> (renumbered to Policy U-4.6)	<i>No change</i>		
Policy U-4.8: Ensure that privately owned stormwater facilities are operated and maintained in a manner that maximizes their quantity and quality control benefits.	Policy U-4.78: Conduct private stormwater inspections and provide technical assistance on drainage concerns to e <u>Ensure</u> that privately owned stormwater <u>assets</u> facilities are operated and maintained in a manner that maximizes their quantity and quality control benefits.	<i>No change from v.1</i>		
Policy U-4.9: Educate the public on protecting and enhancing the quality of our water resources.	Policy U-4.89: Educate <u>and engage</u> the public on protecting and enhancing the quality of our water resources.	<i>No change from v.1</i>		
Policy U-4.10: Explore the potential for regional stormwater facilities.	<i>No change</i> (renumbered to Policy U-4.9)	<i>No change</i>		

**Kirkland 2044 Comprehensive Plan Update
Utilities Element
V.2 Public Hearing Version**

Utilities Element Goal and Policy Updates				
EXISTING UTILITIES ELEMENT GOALS AND POLICIES	PROPOSED GOAL AND POLICY REVISIONS [v.1] <small>Deleted text shown in strikethrough. Added text shown in underline.</small>	PROPOSED GOAL AND POLICY REVISIONS [v.2 Hearing Version]	NOTES FOR PLANNING COMMISSION	REVISION REQUIRED PER: <small>(State, Regional, County, Equity Review etc.)</small>
<i>No existing policy</i>	New . Policy U-4.10: <u>Build stormwater retrofit facilities.</u>	<i>No change from v.1</i>		
Policy U-4.11: Take steps to remove fish passage barriers and to protect and enhance fish habitat.	Take steps to remove Policy U-4.11: <u>Prioritize removing</u> fish passage barriers for public projects where there is the potential for significant ecological gain in fish habitat and to protect and enhance fish habitat.	<i>No change from v.1</i>		
Policy U-4.12: Conduct municipal operations in a manner that protects water quality.	<i>No change</i>	<i>No change</i>		
Policy U-4.13: Coordinate basin planning, pollution prevention, and restoration activities with neighboring jurisdictions.	<i>No change</i>	<i>No change</i>		
Policy U-4.14: Participate in regional surface water resources and fish resource conservation planning efforts.	Policy U-4.14: Participate in regional surface water resources and fish resource conservation planning <u>and implementation</u> efforts.	Policy U-4.14: Participate in regional surface water resources conservation planning, local aquatic habitat recovery, and fish resource conservation <u>salmon recovery</u> planning <u>and implementation</u> efforts.	Incorporates Washington Department of Fish and Wildlife comments	
Policy U-4.15: Ensure compliance with State and federal regulations related to surface water quality and fisheries resources.	<i>No change</i>	<i>No change</i>		
Policy U-4.16: Investigate and plan for the impacts of climate change on operation, maintenance and construction of the stormwater system.	<i>No change</i>	<i>No change</i>		
Policy U-4.17: Conduct asset management and planning to insure uninterrupted and efficient operation of the stormwater system.	Conduct asset management and planning to insure uninterrupted and efficient operation of the stormwater system. Policy U-4.17: <u>Maintain stormwater system assets and</u> conduct asset management and planning to insure uninterrupted and efficient operation of the stormwater system.	<i>No change from v.1</i>		
Policy U-4.18: Consider acquisition of open space, stream corridors and/or wetlands in cases where this would further goals of reducing flooding, improving water quality and improving fish habitat.	Policy U-4.18: Consider acquisition of <u>properties such as</u> open space, stream corridors and/or wetlands in cases where this would further goals of reducing flooding, improving water quality and improving fish habitat.	<i>No change from v.1</i>		
<i>No existing policy</i>	New . Policy U-4.19: <u>Maintain stormwater system assets for optimal function.</u>	<i>No change from v.1</i>		
<i>No existing policy</i>	New . Policy U-4.20: <u>Maintain a digital GIS map of the stormwater system.</u>	<i>No change from v.1</i>		
<i>No existing policy</i>	New . Policy U-4.21: <u>Explore emerging stormwater technologies and policies.</u>	<i>No change</i>		
Goal U-5: Ensure adequate and competitively priced telecommunication infrastructure, facilities and services for residents and businesses.	<i>No change</i>	<i>No change</i>		
Policy U-5.1: Manage the City's existing and planned telecommunication improvements to optimize service delivery opportunities in Kirkland.	<i>No change</i>	<i>No change</i>		
Policy U-5.2: Partner with public agencies and private sector organizations to achieve cooperation and cost-sharing in building telecommunication systems and providing service.	<i>No change</i>	<i>No change</i>		
Policy U-5.3: Review and update City policies, procedures and regulations to facilitate the installation and maintenance of telecommunication systems.	<i>No change</i>	Policy U-5.3: Periodically R review and update City policies, procedures and regulations to facilitate the installation and maintenance of telecommunication systems.		

**Kirkland 2044 Comprehensive Plan Update
Utilities Element
V.2 Public Hearing Version**

Utilities Element Goal and Policy Updates				
EXISTING UTILITIES ELEMENT GOALS AND POLICIES	PROPOSED GOAL AND POLICY REVISIONS [v.1] <small>Deleted text shown in strikethrough. Added text shown in underline.</small>	PROPOSED GOAL AND POLICY REVISIONS [v.2 Hearing Version]	NOTES FOR PLANNING COMMISSION	REVISION REQUIRED PER: <small>(State, Regional, County, Equity Review etc.)</small>
Policy U-5.4: Seek opportunities to enhance the number of service providers in the community to increase choice and fair access and encourage competitive pricing and high quality customer service.	<i>No change</i>	<i>No change</i>		
<i>No existing policy</i>	New . Policy U-5.5: <u>Support access to internet service to unserved and underserved communities.</u>	<i>No change from v.1</i>		King County CPP, PC/City Council study issue
Policy U-5.5: Involve community stakeholders and service providers in telecommunication decisions.	<i>No change</i>	Policy U-5.5: Involve community stakeholders and service providers in telecommunication decisions.	Changes to the wireless code tend to be driven by federal requirements and therefore have limited public engagement.	
Policy U-5.6: Continue to provide and improve audio-visual systems for City communication with the public.	<i>No change</i>	<i>No change</i> (renumbered to Policy U-5.5)		
Policy U-5.7: Mitigate impacts of wireless service facilities on adjacent land uses through careful siting and design. Facilitate the approval of wireless service facilities to balance the need for community connectivity with aesthetic standards. Stay up-to-date with changing technologies and rules.	<i>No change</i>	<i>No change</i> (renumbered to Policy U-5.6)		
Policy U-5.8: Allow new aerial telephone and cable lines in the right-of-way, provided that they are designed and installed to minimize aesthetic impacts and are subsequently required to be placed underground at the time of undergrounding electrical distribution lines.	<i>No change</i>	<i>No change</i> (renumbered to Policy U-5.7)		
Policy U-5.9: Ensure that franchise and right-of-way agreements with telecommunication service providers require collaborative undergrounding of facilities when electrical distribution lines are placed underground.	<i>No change</i>	<i>No change</i> (renumbered to Policy U-5.8)		
Policy U-5.10: Screen ground mounted cabinets associated with telephone and cable telecommunication equipment so that they fit in with their surroundings.	Policy U-5.10: Screen ground mounted cabinets associated with telephone and cable telecommunication equipment so that they fit in with their surroundings.		Deleted because screening requirements are included in Kirkland Zoning Code.	
Goal U-6: Reduce the risk to public safety and the environment in the event of a hazardous liquid pipeline failure.	<i>No change</i>	<i>No change</i>		
Policy U-6.1: Establish standards to minimize pipeline damage.	<i>No change</i>	Policy U-6.1: Establish standards to minimize pipeline damage.	Covered in existing development regulations - KZC Chapter 118	
Policy U-6.2: Coordinate with the pipeline operator when developments are proposed near the hazardous liquid pipeline corridor to reduce the potential for problems.	Policy U-6.2: Coordinate with the pipeline operator when developments are proposed near the hazardous liquid pipeline corridor <u>to reduce the potential for problems. Prohibit new high density consequence land uses and critical public facilities</u> from locating near a hazardous liquid pipeline corridor. Design proposed expansions of high density consequence land uses and critical public facilities to avoid increasing the level of risk in the event of a pipeline failure and, where feasible, to reduce the risk.	<i>No change from v.1</i>	Combined with Policy U-6.3. Clarified what high consequence land uses are, though there is more information in the narrative text.	
Policy U-6.3: Prohibit new high consequence land uses from locating near a hazardous liquid pipeline corridor. Design proposed expansions of high consequence land uses to avoid increasing the level of risk in the event of a pipeline failure and, where feasible, to reduce the risk.	Policy U-6.3: Prohibit new high consequence land uses from locating near a hazardous liquid pipeline corridor. Design proposed expansions of high consequence land uses to avoid increasing the level of risk in the event of a pipeline failure and, where feasible, to reduce the risk.		Incorporated into Policy U-6.2	

**Kirkland 2044 Comprehensive Plan Update
Utilities Element
V.2 Public Hearing Version**

Utilities Element Goal and Policy Updates				
EXISTING UTILITIES ELEMENT GOALS AND POLICIES	PROPOSED GOAL AND POLICY REVISIONS [v.1] Deleted text shown in strikethrough. <u>Added text shown in underline.</u>	PROPOSED GOAL AND POLICY REVISIONS [v.2 Hearing Version]	NOTES FOR PLANNING COMMISSION	REVISION REQUIRED PER: (State, Regional, County, Equity Review etc.)
Policy U-6.4: Require maintenance of the hazardous liquid pipeline corridor through a franchise agreement or other mechanisms.	<i>No change</i>	<i>No change</i> (renumbered to Policy U-6.2)		
Policy U-6.5: Expedite permits for the hazardous liquid pipeline company necessary for inspections and repairs.	<i>No change</i>	<i>No change</i> (renumbered to Policy U-6.3)		
Policy U-6.6: Continue to work with other jurisdictions, state and federal governments, and the pipeline operator to seek improvements in safety measures for hazardous liquid pipelines.	<i>No change</i>	<i>No change</i> (renumbered to Policy U-6.4)		
Policy U-6.7: Encourage the pipeline operator to maintain a neighborhood education program for those who live and work within one-quarter mile of the hazardous liquid pipeline to educate them and the general public about pipeline safety.	<i>No change</i>	<i>No change</i> (renumbered to Policy U-6.5)		
Goal U-7: Promote energy infrastructure that is energy efficient, addresses climate change, and protects the community character.	Goal U-7: Promote <u>the transition to renewable energy and infrastructure that is energy efficient, addresses climate change, and protects</u> benefits the community character.	Goal U-7: Promote <u>Support the transition to renewable energy and infrastructure that is energy efficient, addresses climate change, and protects</u> benefits the community character, <u>while also ensuring the electric grid is stable and can support Kirkland's needs.</u>	Incorporates PC comments. Current draft follows County requirements and does not ban use of gas appliances for example. Staff notes that certain Planning Commissioners have expressed preference for energy choice.	PC/City Council study issue
Policy U-7.1: Encourage the public to conserve energy through public education.	Policy U-7.1: Encourage the public to conserve energy through public education, <u>promoting incentives, and collaboration with Puget Sound Energy.</u>	Policy U-7.1: Encourage the public to conserve energy <u>and decrease load on the electric grid during times of peak use through public education, promoting incentives and programs, and collaboration with Puget Sound Energy.</u>	Incorporates comments from PSE	King County CPP, PC/City Council study issue
Policy U-7.2: Participate in regional efforts to increase renewable electricity use 20 percent beyond 2012 levels Countywide by 2030, phase out coal fire electricity sources by 2025, limit construction of new natural gas based electricity power plants, and support development of increasing amounts of renewable energy sources.	Policy U-7.2: Participate in regional efforts <u>and work with energy service providers to limit the construction of new fossil fuel infrastructure in order to support the transition to 100% renewable energy supply by 2045 to increase renewable electricity use 20 percent beyond 2012 levels Countywide by 2030, phase out coal fire electricity sources by 2025, limit construction of new natural gas based electricity power plants, and support development of increasing amounts of renewable energy sources.</u>	Policy U-7.2: Participate in regional efforts <u>and work with energy service providers to limit the construction of new fossil fuel power plants in order to support the transition to 100% renewable energy supply by 2045 to increase renewable electricity use 20 percent beyond 2012 levels Countywide by 2030, phase out coal fire electricity sources by 2025, limit construction of new natural gas based electricity power plants, and support development of increasing amounts of renewable energy sources.</u>	Aligns with current State policy and PSE commitments. Deleted text is outdated. V.2 edit clarifies that we are referring to power plants not all fossil fuel infrastructure (e.g., gas hookups)	
Policy U-7.3: Work with and encourage Puget Sound Energy to provide clean and renewable energy that meets the needs of existing and future development, and provides sustainable, highly reliable and energy efficient service for Kirkland customers.	Policy U-7.3: <u>Support initiatives to increase grid reliability and resiliency</u> Work with and encourage Puget Sound Energy to provide clean and renewable energy that to meets the needs of existing and future development, and provides sustainable, highly reliable and energy efficient service for Kirkland customers.	<i>No change from v.1</i>	Simplified	PC/City Council study issue
Policy U-7.4: Promote the use of small to large scale renewable energy production facilities.	Policy U-7.4: Promote the use of small to large scale renewable energy production facilities <u>and battery energy storage systems.</u>	<i>No change from v.1</i>		
<i>No existing policy</i>	New . Policy U-7.5: <u>Support the installation of electric vehicle (EV) charging stations, electric bike charging stations, and related infrastructure. Prioritize underserved communities.</u>	New . Policy U-7.5: <u>Facilitate the installation of charging stations for electric vehicles (EVs), electric personal mobility devices, and related infrastructure throughout the community in order to support the decarbonization of our transportation sector. Prioritize underserved communities.</u>	Incorporates comments from PC and PSE	PC/City Council study issue

**Kirkland 2044 Comprehensive Plan Update
Utilities Element
V.2 Public Hearing Version**

Utilities Element Goal and Policy Updates				
EXISTING UTILITIES ELEMENT GOALS AND POLICIES	PROPOSED GOAL AND POLICY REVISIONS [v.1] <small>Deleted text shown in strikethrough. Added text shown in underline.</small>	PROPOSED GOAL AND POLICY REVISIONS [v.2 Hearing Version]	NOTES FOR PLANNING COMMISSION	REVISION REQUIRED PER: (State, Regional, County, Equity Review etc.)
Policy U-7.5: Require new and, where feasible, existing electrical distribution lines in the right-of-way to be underground.	<i>No change</i> (renumbered to Policy U-7.6)	<i>No change</i>		
Policy U-7.6: Screen above ground equipment cabinets and other structures associated with electrical distribution without hindering access as required by the provider.	<i>No change</i> (renumbered to Policy U-7.7)	<i>No change</i>		
Policy U-7.7: Require siting analysis in the development review process for new and expanded electrical transmission and substation facilities to address land use and sensitive areas and provide mitigation to minimize visual and environmental impacts.	Policy U-7.7: Require siting analysis in the development review process for new and expanded electrical transmission and substation facilities to address land use and sensitive areas and provide mitigation to minimize visual and environmental impacts.		Deleted because this was implemented after the last Comp Plan update and now exists in KZC 115.107.	
<i>No existing policy</i>		New . Policy U-7.8: <u>Continue to administer and partner with PSE on financial assistance and discounted billing programs for income qualified residents in order to ensure that the most vulnerable are not disproportionately impacted by the State's clean energy transition.</u>	Incorporates comments from PSE. Consistent with Human Services Element policy.	
Goal PS-2: Provide efficient and convenient solid waste and recycling services to the community through coordination with service providers and the local solid waste management agency.	Goal U-8PS-2: Provide efficient and convenient solid waste, and recycling, and composting services to the community, with a focus on waste reduction through coordination with service providers and the local solid waste management agency.	<i>No change from v.1</i>	Moved from the Public Services Element. Deleted text is covered in Policy PS-2.1 (now U-8.1). New text aligns with Sustainability Strategic Plan.	King County CPP
Policy PS-2.1: Coordinate with the City's solid waste and recycling collection contractors and King County Solid Waste Division to ensure that the existing level of service standards are maintained or improved and waste reduction and recycling goals and targets are in compliance with the Draft 2013 King County Comprehensive Solid Waste Management Plan (SWMP) update.	Policy U-8.1PS-2.1: Coordinate with the City's solid waste and recycling collection contractors and King County Solid Waste Division to ensure that the existing level of service standards are maintained or improved and waste reduction and recycling goals and targets are in compliance with the Draft 2013 King County Comprehensive Solid Waste Management Plan (SWMP) update.	<i>No change from v.1</i>		
<i>No existing policy</i>	New . Policy U-8.2: <u>Achieve the target of zero waste of resources for materials that have value for reuse, resale, and recycling by 2030.</u>	<i>No change from v.1</i>	Aligns with Sustainability, Climate, and Environment (SCE) Element	
<i>No existing policy</i>	New . Policy U-8.3: <u>Support the community in reducing waste by reusing, recycling, and composting.</u>	New . Policy U-8.3: <u>Encourage and make it easier for the community to reduce waste through reusing, repairing, recycling, and composting, including through educational programs and/or inventives.</u>	Incorporates comments from PC	
Policy PS-2.2: Encourage reduction, reuse and recycling of building construction materials in order to reduce waste, increase diversion, and save energy.	<i>No change</i> (renumbered to Policy U-8.4)	<i>No change</i>		
<i>No existing policy</i>	New . Policy U-8.5: <u>Consider transitioning to electric waste collection vehicles as the technology becomes available.</u>	<i>No change from v.1</i>		
Goal U-8: Facilitate the development and maintenance of non-City-managed utilities at the appropriate levels of service.	<i>No change</i> (renumbered to Goal U-9)	<i>No change</i>		

**Kirkland 2044 Comprehensive Plan Update
Utilities Element
V.2 Public Hearing Version**

Utilities Element Goal and Policy Updates				
EXISTING UTILITIES ELEMENT GOALS AND POLICIES	PROPOSED GOAL AND POLICY REVISIONS [v.1] <small>Deleted text shown in strikethrough. Added text shown in underline.</small>	PROPOSED GOAL AND POLICY REVISIONS [v.2 Hearing Version]	NOTES FOR PLANNING COMMISSION	REVISION REQUIRED PER: <small>(State, Regional, County, Equity Review etc.)</small>
Policy U-8.1: Work with non-City-managed utilities and review facility plans to ensure that they reflect and support Kirkland’s land use plan. Likewise, the City should work with providers to ensure that utilities are available to support land uses and to maintain appropriate levels of service.	<i>No change</i> (renumbered to Policy U-9.1)	<i>No change</i>		
Policy U-8.2: Coordinate with non-City providers of water and sewer on a joint program for maintaining adopted levels of service, concurrency requirements, funding, and construction of shared public facilities.	<i>No change</i> (renumbered to Policy U-9.2)	<i>No change</i>		
Policy U-8.3: Coordinate with the appropriate utility provider when considering land use decisions in the vicinity of proposed facility locations to ensure land use compatibility.	<i>No change</i> (renumbered to Policy U-9.3)	<i>No change</i>		
Policy U-8.4: Provide timely and effective notice to utilities of the construction, maintenance, or repair of streets, roads, or other facilities and coordinate such work with the serving utilities.	<i>No change</i> (renumbered to Policy U-9.4)	<i>No change</i>		
Policy PS-3.1: Coordinate with King County Solid Waste Division to ensure that the Houghton Transfer Station is closed.	Policy U-9.5 PS-3.1 : Coordinate with King County Solid Waste Division on the new Northeast Recycling and Transfer Station project, ensuring <u>to ensure</u> that the Houghton Transfer Station is closed.	Policy U-9.5 PS-3.1 : Coordinate with King County Solid Waste Division on siting the new Northeast Recycling and Transfer Station project, <u>ensuring to ensure</u> that the Houghton Transfer Station <u>in its current form</u> is closed.	Moved from Public Services Element. This update reflects the current King County project, environmental review process, and the City's position. More information is provided in the narrative text of the Element under this policy. https://kingcounty.gov/en/dept/dnrp/waste-services/garbage-recycling-compost/solid-waste-facilities/northeast-recycling-transfer-project	
Policy U-8.5: Encourage the consolidation of special districts.	<i>No change</i> (renumbered to Policy U-9.6)	<i>No change</i>		
Policy U-8.6: Coordinate emergency response for utility disaster recovery.	Policy U-8.6: Coordinate emergency response for utility disaster <u>response, system recovery, and resiliency.</u>	<i>No change from v.1</i>		King County CPP