Purpose of Checklist:
The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help the Responsible Official of the Snohomish County Public Utility District No. 1 and any other agencies with jurisdiction, to identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

A. BACKGROUND

1. Name of proposed project, if applicable:

   Crosswinds Transmission

2. Name of applicant:

   Snohomish County Public Utilities District No. 1 (District)

3. Address and phone number of applicant and contact person:

   Snohomish County Public Utilities District No. 1
   P.O. Box 1107
   Everett, WA 98206-1107

   Applicant: Eric Knigge, P.E., Snohomish PUD No. 1, (425) 407-3666
   Agent: Colleen Murphy, Snohomish PUD No. 1, (425) 275-6748

4. Date checklist prepared:

   August 2, 2024

5. Agency requesting checklist:

   Snohomish County Public Utilities District No. 1 (District)

6. Proposed timing or schedule (including phasing, if applicable):

   - **2025 Q1: Site preparation and tree removals.**
   - **2025 Q2-Q4: Power pole installation, conductor installation, and removal of existing distribution poles.**

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

   There are no further plans for expansion on the transmission line. Ongoing maintenance tasks for the poles, conductors, and other attachments will be needed to ensure electrical system reliability. This may include, but is not limited to, vegetation management, upgrades to devices, replacement of failed equipment, pole relocations, temporary service outages, and other routine utility repairs or maintenance that does not increase the footprint of the size or facilities.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

   - **Related studies from the Arlington Microgrid & North County Training Project were referenced to inform this project.**

   - **Cultural Resources Assessment Report (Completion early 2025)**

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

   None Known

10. List any government approvals or permits that will be needed for your proposal, if known.

   Washington State
   - **Forest Practices Permit**

   Snohomish County Public Utilities District No. 1
   - **SEPA Threshold Determination**

   Snohomish County
   - **Land Disturbing Activity Permit**

   City of Arlington
   - **Land Use Zoning Permit**

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

   A new transmission line is being built to connect the Arlington Battery Energy Storage System Project (BESS) and Crosswinds substation to the PUD's electrical system. The transmission line will link the Portage substation, just north of the intersection of 63rd Ave NE and 199th St NE, to the new Crosswinds substation and the East Arlington substation at the intersection of Tveit Rd and 87th Ave NE.

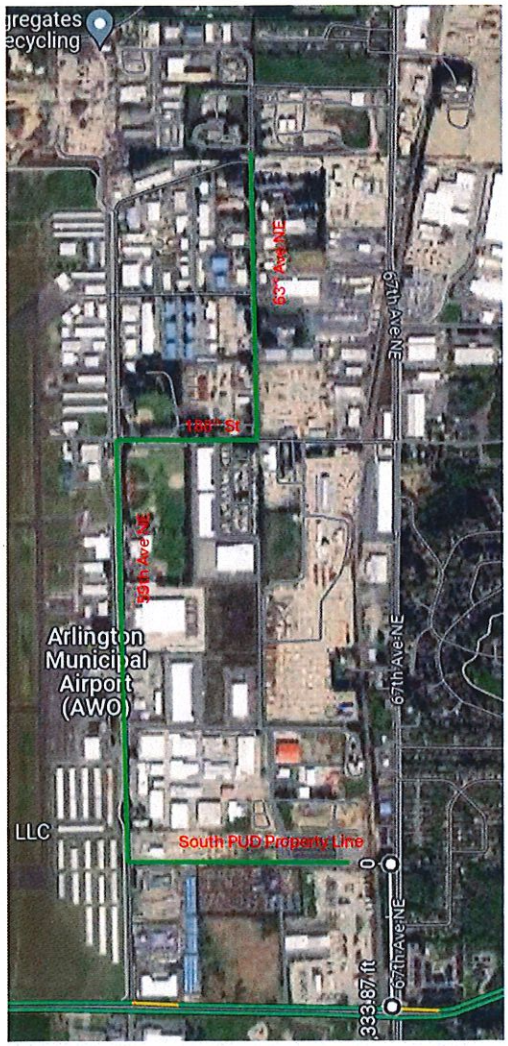
   The existing route is being modified so that the transmission line continues south on 63rd Ave NE, then turns west on 188th ST NE, south along 59th Ave NE, and east along the south PUD property line to the Crosswinds substation. The line will loop back on itself, following the same route, and will reconnect to the existing system where the current line heads west on 63rd Ave NE.

   The City of Arlington has requested that existing distribution poles be consolidated and future roadway expansion on 59th Ave NE be taken into consideration. In response to this request, most of the existing distribution poles along this route will be removed and incorporated into the transmission alignment.

Pole Action	Type/Quantity of Poles	Total
Remove	52 distribution poles	52 poles
Install	37 transmission poles	63 poles
	26 distribution poles	

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The transmission and distribution work is approximately 1.92 miles long and is located within the City of Arlington. The city owns all the property around the airport, and all the commercial businesses that operate within the alignment, rent the land from the city. The project takes place exclusively in the Cascade Industrial Center which is the 2nd largest hub of industrial activity in Snohomish County.



B. Environmental Elements

1. Earth

a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other _____

b. What is the steepest slope on the site (approximate percent slope)?

The terrain is flat, and the steepest slope encountered on the project is less than 2%.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

The USDA Natural Resources Conservation Service Web Soil Survey[1] shows the following soils in the project area:

- **Alderwood-Everett gravelly sandy loams, 25 to 70 percent slopes**
- **Everett very gravelly sandy loam, 0 to 8 percent slopes**
- **Lynnwood loamy sand, 0 to 3 percent slopes**

The project occurs on commercial land.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

No surface indications or history of landslides appear in the immediate vicinity of the project corridor.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

The project will require some soil disturbance through excavation and fill associated with removal and installation of utility poles, and tree removals. Excavation and fill will be limited to the areas required to remove the old poles, install new poles, and remove trees and stumps. No new access roads or road improvements are required.

Transmission poles may be installed by first installing a casing that is 3 feet in diameter, with a vibratory hammer mounted to a digger derrick truck. The contents of the casing, to a depth of 13 feet, will then be removed (approximately 3.4 cubic yards of material removed for each transmission pole). The pole will then be set within the casing and backfilled with crushed rock, followed by removal of the casing. Some transmission poles will be installed by directly embedding them into the soil and backfilling with crushed gravel.

[1] **https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm**

New distribution poles will generally be directly embedded and not installed with casings. These will require excavations that are approximately 3 feet in diameter by 7 feet deep (about 1.8 cubic yards of excavation per distribution pole). After transmission and distribution pole installation, the area surrounding each pole will be backfilled with approximately 1 cubic yard of gravel plus a 6-inch surface layer of topsoil for grass seeding.

Removed poles will be pulled from the ground; the remaining cavities will be backfilled to match the surrounding grade, and all disturbed areas will be stabilized with seeding and appropriate erosion control.

Permanent impacts at each new pole location total 3.14 square feet—the surface area of the new pole. Temporary land disturbance at each new pole location is estimated to be 16.5 square feet (5-foot-diameter clearing area minus the 3-foot-diameter pole). Excavated material would be removed from sensitive areas for disposal or spread evenly onsite and permanently stabilized in areas outside of sensitive areas.

The trees and stumps along the project alignment will be removed, and the area will be regraded and seeded with grass or filled with other material approved by the city. If fill material is required, topsoil will be utilized.

Material will be excavated and filled during the installation of new poles, and only filled during the removal phase of the project. The installation consists of putting in 8 new steel poles, 25 distribution poles, and 30 ductile iron transmission poles. The removal phase, which will occur after the installation phase, consists of decommissioning 25 distribution poles. The cut and fill volumes for each phase of work are shown as follows.

	Install (cy)	Removal (cy)	Total (cy)
Cut	266	NA	266
Fill	96	58	153

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Some erosion could occur during excavation and backfilling for new poles during construction, but erosion control measures would be implemented in accordance with the Snohomish County Land Disturbing Activity Permit to minimize this potential.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

The project will result in an increase of around 56.52 square feet of impervious area. This area was calculated by subtracting the area occupied by the 63 new poles (273.18 square feet of impervious surface) from the area occupied by the 69 existing poles that will be removed (216.66 square feet of impervious surface).

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Temporary Erosion and Sediment Control (TESC) measures will be designed in conformance with and implemented as required by the District and Snohomish County. The District's TESC Lead will be responsible for the performance, maintenance, and review of TESC measures as described in the approved plans.

All staging and temporary access routes will be stabilized, following standard best management practices (BMPs) for erosion and sediment control.

The project would not adversely affect any native vegetation and is unlikely to disturb the soil, as the soil is expected to be dry and firm during construction. That said, to avoid soil compaction, construction mats will be used to support construction equipment in sensitive areas or their buffers. No road improvements will be needed to accommodate construction.

The District's standard BMPs will be used to minimize erosion during construction. These will include: retention of existing vegetation to the greatest extent practicable, marking construction limits, installing and maintain silt fences, straw wattles, mulching, temporary/permanent seeding of disturbed ground, and use of construction matting where necessary.

Following pole installation, disturbed areas will be restored to preconstruction contours and seeded.

2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Sources of emissions during construction include fugitive dust and construction equipment exhaust. Fugitive dust will be limited because much of the adjacent surfaces are paved. The quantities of emissions generated and transported off-site from the construction corridor will depend upon wind and weather conditions but are anticipated to be minor and of short duration. Odors from construction materials may occur and engine exhaust will be present during construction.

The greenhouse gas emissions associated with the active construction of the project as well as the embodied GHG emissions are estimated to be as follows: Long-term emissions for the project are expected to remain consistent with existing emissions resulting from daily operations. These include emissions that may be associated with routine maintenance and/or repair of the completed project.

Greenhouse Gas	Construction (metric tons)	Embodied
Carbon dioxide	3.79	
Methane	0.03	
Nitrous oxide	0.12	
Total combined in CO2 equivalents	3.82	30.36

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

The Puget Sound Clean Air Agency has established local ambient air standards for six criteria air pollutants and the Agency monitors and reports on these air quality observations annually. These criteria air pollutants are:

- **Particulate Matter (10 micrometers and 2.5 micrometers in diameter)**
- **Ozone**
- **Nitrogen Dioxide**
- **Carbon Monoxide**
- **Sulfur Dioxide**
- **Lead**

Efforts to address air quality in the region have successfully achieved attainment for several of the criteria pollutants; however, observation sites in King, Pierce, and Snohomish counties continue to exceed the Puget Sound Clean Air Agency local PM2.5 health goal for fine particulate matter.

Observations at sites monitoring ozone indicate ozone levels remain a concern in the region. Carbon dioxide and methane are additional emissions of interest associated with climate change with the potential to affect weather conditions in the Snohomish County region.

Potential impacts in the Pacific Northwest due to climate change have been assessed through the National Oceanic and Atmospheric Administration U.S. Global Change Research Program, and summarized in the 2017 report titled "Climate Science Special Report: Fourth national Climate Assessment, Volume 1." The projected changes include declining springtime snowpack, reduced summer stream flows, warmer water temperatures, higher ambient temperatures, and rising sea levels. Such changes could result in reduced water supplies, and thus the need to seek new sources or methods to meet future water demand.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

All passenger vehicles and construction-related vehicles and equipment will be properly maintained and will comply with applicable emission control standards and federal and state air quality regulations for exhaust pipe emissions. Most air quality impacts from this project are anticipated to be caused by gas or diesel powered vehicles and equipment. Contractors will comply with regulatory requirements and implement appropriate erosion and dust control measures as necessary.

Vehicular emissions associated with construction of the project are anticipated to occur in the short term. Erosion control and dust control measures will be provided as needed. Best management practices to limit deposition of soil on roadways will be implemented and active dust suppression measures will be evaluated and applied as necessary.

Possible measures to minimize vehicular emissions include:

- **Requiring contractors to use best available emission control technologies (e.g., mufflers)**
- **Maintaining all vehicles in proper working condition**
- **Minimizing vehicle and equipment idling.**

Measures to minimize dust emissions from construction may include:

- **Spraying exposed soils and soil storage areas with water or otherwise covering them during dry weather periods**
- **Covering exposed earthen stockpiles and loads of material being transported to and from the site**
- **Inspecting vehicles before entering roadways to minimize track-out of soils.**

3. Water

a. Surface Water:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes,

describe type and provide names. If appropriate, state what stream or river it flows into.

There are no streams or surface water in the vicinity of the project site.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

No in-water work is proposed in any of the streams or bodies of water.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

No fill or dredge material is anticipated to be used in this project.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No.

b. Ground Water:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals, agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

No waste materials will be discharged into the ground.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

The main source of runoff during and after construction of the proposed project would be stormwater, as no other runoff-generating materials are proposed. This project will disturb approximately 1750 square feet of surface material,

which is below the threshold for a Stormwater Pollution Prevention Plan (SWPPP). Even though a plan is not required, the District will follow best practices to protect water sources, catch basins, and control any runoff.

2) Could waste materials enter ground or surface waters? If so, generally describe.

No waste materials are anticipated to enter the ground or surface waters during construction or operation of the project. BMPs will be implemented to prevent releases of turbid water and spills from equipment during construction.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

Section B.1.h. (above) discusses typical BMPs that will be used during construction to control erosion and sedimentation resulting from stormwater runoff. Additional construction BMPs that can be implemented to minimize impacts to surface, ground, and runoff water during construction include:

- **Maintaining spill containment and clean up materials in areas where equipment fueling is conducted.**
- **Refueling construction equipment and vehicles away from surface waters.**
- **Containing equipment and vehicle wash water associated with construction and preventing it from draining into surface waters.**
- **Storing fuels and other potential contaminants away from excavation sites and surface waters in secured containment areas.**
- **Conducting regular inspections, maintenance and repairs on fuel hoses, hydraulically operated equipment, lubrication equipment, and chemical/petroleum storage containers.**
- **Establishing a communication protocol for the unlikely event of a spill (Spill Prevention, Control, and Countermeasures Plan).**
- **Monitoring the site during construction by a Certified Erosion and Sediment Control Lead (CESCL).**

4. Plants

a. Check the types of vegetation found on the site:

_X_ deciduous tree: alder, maple, aspen, other
_X_ evergreen tree: fir, cedar, pine, other
_X_ shrubs
_X_ grass
____ pasture
____ crop or grain
____ Orchards, vineyards or other permanent crops.
____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
____ water plants: water lily, eelgrass, milfoil, other
____ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

Trees that are in the path of the transmission alignment or that may impact the transmission alignment in the future will be removed. The total stem count is approximately 300, but many of these trees are not large enough in diameter (8" diameter at breast height {dbh} for Deciduous trees and 12" dbh for Evergreen trees as per Arlington Municipal Code 20.76.120A) to be considered significant. So the total number of significant trees removed is likely to be much less than this amount. The PUD will work closely with the City of Arlington for mitigation, which may include replanting and/or paying fees.

c. List threatened and endangered species known to be on or near the site.

A search of the Washington Department of Natural Resources (WDNR) Natural Heritage Program database[2] and the Washington Department of Fish and Wildlife's (WDFW) Priority Habitats and Species (PHS) on the Web[3] were conducted for listed plant species in the project area; no rare plant species were identified within or near the project area.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Following pole installation, disturbed areas will be restored to preconstruction contours and replanted with a native seed mix.

e. List all noxious weeds and invasive species known to be on or near the site.

The following invasive species occur within the project area: Himalayan blackberry (*Rubus armeniacus*), and reed canarygrass (*Phalaris arundinacae*).

5. Animals

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Birds: hawk, heron, eagle, **songbirds**, **barred owl**
Mammals: deer, bear, elk, beaver, **small mammals anticipated but were not observed**
Fish: None

b. List any threatened and endangered species known to be on or near the site.

A search of the U.S. Fish and Wildlife Service iPaC report, as well as WDFW's PHS on the Web[3] lists the following species and habitats potentially within the project location.

- **North American Wolverine**
- **Northwestern Pond Turtle**
- **Monarch Butterfly**
- **Black Swift**
- **Evening Grosbeak**
- **Oregon Vesper Sparrow**
- **Marbled Murrelet**
- **Bull Trout**
- **Bald Eagle**
- **California Gull**
- **Lesser Yellowlegs**
- **Rufous Hummingbird**

[2] **http://data-wadnr.opendata.arcgis.com/**
[3] **https://geodataservices.wdfw.wa.gov/hp/phs/**

- **Yellow-Billed Cuckoo**
- **Dolly Varden**
- **Golden Eagle**
- **Chestnut-backed Chickadee**
- **Olive-sided Flycatcher**
- **Short-billed Dowitcher**

There is no suitable habitat within the project corridor and these species have not been observed and are not expected to be present in the project area.

c. Is the site part of a migration route? If so, explain.

The project is located within the Great Pacific Flyway, a migratory bird route that spans from Alaska to South America.

d. Proposed measures to preserve or enhance wildlife, if any:

No.

e. List any invasive animal species known to be on or near the site.

No invasive animal species are known to be on or near the site.

6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

The overall project is an electric system improvement to meet reliability and increased service needs for customers in the surrounding areas.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

Staging, construction, operations, and maintenance personnel would turn off non-essential equipment to conserve energy.

7. Environmental Health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

Electric fields and magnetic fields (EMF) are associated with every electrical system and electrical device. Possible effects upon human health from electric and magnetic fields continue to be investigated, with emphasis directed primarily at magnetic fields. Current research concerning EMF and human health are inconclusive, despite ongoing research. There are no established or known levels of human exposure to power line magnetic fields which have been determined to be either safe or harmful.

Gasoline and other petroleum products used in vehicles also have potential environmental health hazards. Crews would be using petroleum products to fuel and

service equipment during construction. Hazards would be minimized through careful maintenance of all vehicles, and minimization of environmental and human exposure to these chemicals.

High voltage electrical lines are inherently dangerous under near-contact conditions, and the design of these lines and their maintenance is driven in part by strict national safety and design standards. Lines are located along specific locations and on poles that are difficult to scale which helps avoid potential contact.

1) Describe any known or possible contamination at the site from present or past uses.

The project area is zoned industrial, and there have been several completed and ongoing cleanup efforts. These efforts are summarized as follows, and more details can be obtained from the WA Department of Ecology records.

Name	CSID	FSID
Cuz Concrete Products	8617	29296718
Arlington Municipal Airport Lot 108	11996	23529
Alpha Aviation	5439	7583272
Arlington City Airport	777	95987863

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

None known.

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

The only toxic or hazardous materials proposed during construction (gasoline) are associated with vehicles and equipment.

4) Describe special emergency services that might be required.

No special emergency services would be required for the project.

5) Proposed measures to reduce or control environmental health hazards, if any:

The "Safety Requirements for Electrical Workers", Washington Administrative Code (WAC) chapter 296-45, requires that "All electric utilities and entities operating transmission and distribution facilities within the state of Washington must design, construct, operate, and maintain their lines and equipment according to the requirements of the 2017 National Electrical Safety Code (NESC)..." This is referenced under the paragraph WAC 296-45-045. The upgraded power line would be designed in accordance with the NESC.

Additionally, the following measures would be implemented during construction to minimize or control environmental health hazards:

- **Maintain construction equipment and check for leaks daily.**
- **Keep spill kits in vehicles and equipment on site.**
- **Implement spill plan if a spill occurs.**

- **Contain and properly clean up spills.**
- **Dispose of contaminated soils at approved site(s).**
- **Maintain and refuel vehicles in approved upland areas where spills would not have the potential to enter groundwater or surface water.**
- **Implement best management practices to minimize water quality impacts during construction.**

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

Typical noises presently experienced within the project area include noise from air, rail, and car traffic; these would not affect the construction efforts.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Construction activities will increase noise levels on a temporary and intermittent basis during scheduled work hours. It is anticipated that these short-term noise levels will be consistent with levels associated with normal operations of construction equipment, and within hours and days allowed by Snohomish County and City of Arlington regulations described in Snohomish County and City of Arlington Municipal Codes. These codes limit construction noise to the hours of 7 a.m. to 9 p.m. on weekdays and 9 a.m. to 9 p.m. on weekends.

3) Proposed measures to reduce or control noise impacts, if any:

Construction, operations, and maintenance personnel will turn off non-essential equipment to reduce the amount of noise generated during on-site activities. Additionally, construction personnel will limit work to daylight hours, primarily during the week, thereby eliminating project-related noise during the evening, weekend, and nighttime hours.

The transmission line will be constructed to keep the hardware connecting the conductor line tight, to minimize the potential for corona noise.

8. Land and Shoreline Use

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

The transmission and distribution lines will be offset from the roadway in an area that is not currently being used. For some of the commercial businesses, this occurs behind a fence line, and due to existing vegetation, these areas are not currently used for parking or commercial activities.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

The existing land is zoned for general industrial and is currently used as such. The land was likely used for agriculture purposes in the past.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

There will be little to no change in land use as a result of this project.

c. Describe any structures on the site.

There are existing poles that will be consolidated into a single line, so the overall number of additional structures is minimized. Several businesses have small offsets to their property line, but they will not be altered or impacted by this project.

d. Will any structures be demolished? If so, what?

Existing poles will be removed and replaced with new poles. No other buildings or structures will be removed.

e. What is the current zoning classification of the site?

This project is located within the City of Arlington and is classified as general industrial.

f. What is the current comprehensive plan designation of the site?

The current comprehensive plan designation of the site is general industrial.

g. If applicable, what is the current shoreline master program designation of the site?

This site is not part of the shoreline master program.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

No.

i. Approximately how many people would reside or work in the completed project?

None.

j. Approximately how many people would the completed project displace?

None.

k. Proposed measures to avoid or reduce displacement impacts, if any:

No impacts are anticipated; therefore, no measures are proposed.

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

The project is consistent with Snohomish County regulations and requirements, and necessary permits would be obtained prior to beginning construction. As no impacts on land use are anticipated, no mitigation measures are proposed.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

No agricultural or forest lands impacts are anticipated; therefore, no mitigation measures are proposed.

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

No housing units would be provided.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

No housing units would be eliminated.

c. Proposed measures to reduce or control housing impacts, if any:

No housing impacts are anticipated; therefore, no mitigation measures are proposed.

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

The proposed transmission poles are each approximately 85-95 feet tall, and the proposed distribution poles are each approximately 50 feet tall.

b. What views in the immediate vicinity would be altered or obstructed?

Views are not anticipated to be altered or obstructed by the project. New poles would be installed in the same area as the existing poles, to the extent possible. Poles are not taller than existing trees on the project site.

c. Proposed measures to reduce or control aesthetic impacts, if any:

No aesthetic impacts are anticipated; therefore, no mitigation measures are proposed.

11. Light and Glare

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

No light or glare would be produced by the project.

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No.

c. What existing off-site sources of light or glare may affect your proposal?

No existing sources of light or glare may affect the project.

d. Proposed measures to reduce or control light and glare impacts, if any:

No light or glare impacts are anticipated; therefore, no mitigation measures are proposed.

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity?

Along 59th Ave NE, there is a trail that circumvents the airport.

b. Would the proposed project displace any existing recreational uses? If so, describe.

No, access to the trail will be maintained before, during, and after major construction activities. Any changes to the trail would be reviewed and approved by the city.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

No recreation impacts are anticipated; therefore, no mitigation measures are proposed.

13. Historic and cultural preservation

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe.

The Arlington Airport is listed on the United States National Park Service Register of Historic Places.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

None have been identified.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

A Cultural Resources Database Review (CRDR) accessed the DAHP Washington Information System for Architectural and Archaeological Records Data (WISAARD) online cultural resources database for previously recorded sites and cultural resources surveys conducted within a 1-mile radius of the Crosswinds Substation project. No cultural sites were identified directly within the proposed transmission line route.

A Cultural Resource Assessment is in progress and will be incorporated into this SEPA upon completion.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

Construction activities will be limited to the greatest extent practicable to minimize ground disturbance. An inadvertent discovery plan identifies response procedures and contact information should culturally significant objects be discovered during construction. If any artifacts, historical or cultural features are uncovered during construction activities, work will be immediately stopped, and contact made with Snohomish County, City of Arlington, and local indigenous tribes.

14. Transportation

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

The primary access routes for the project site are State Route (SR) 531 and 67th Ave NE. Multiple arterials that are connected to these routes can be used to access various locations along the project. No new access roadways or driveways are proposed.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

None. The nearest transit stop is located at the intersection of 172nd St. NE and Smokey Blvd approximately 1.75 miles southwest of the southern portion of the project.

c. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

No.

d. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No. While the project occurs adjacent to the Arlington airport, it would not impact any of the flight routes or runways that are used.

e. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

Typical trips per day are none, with minimal or no maintenance expected for the lifespan of the equipment.

f. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

The project will not interfere with or affect movement of agricultural and forest products.

g. Proposed measures to reduce or control transportation impacts, if any:

No transportation impacts are anticipated; therefore, no mitigation measures are proposed.

15. Public Services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.

The project will not result in an increased need for public services.

b. Proposed measures to reduce or control direct impacts on public services, if any.

No impacts on public resources are anticipated; therefore, no mitigation measures are proposed.

16. Utilities

a. Circle utilities currently available at the site:

electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Not applicable.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____

Name of Signee: Eric Knigge, Professional Engineer and Project Manager/
Snohomish County Public Utilities District No. 1

Date Submitted: 1-8-25