

**Appendix 2.8-1
Decommissioning Plan**

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SKOOKUMCHUCK WIND
ENERGY PROJECT
DECOMMISSIONING PLAN
SEPTEMBER 29, 2018



1. PURPOSE

This Decommissioning Plan (Plan) is being submitted to Lewis County of the State of Washington for the Skookumchuck Wind Energy Project (Project). The terms of this Decommissioning Plan shall be binding on the owner of Skookumchuck Wind Energy, LLC and any of its successors, assigns, or heirs. The Plan will be implemented to ensure that the project and associated structures are removed after operations cease and that the property is reasonably restored in accordance with Lewis County and the State of Washington.

This plan generally outlines the procedures for decommissioning the Project and restoring lands to their original condition. Decommissioning procedures involve the physical removal of certain facilities, structures, and components associated with the Project, the disposal of solid and hazardous waste, and identification of physical elements that may remain on the property at the discretion of the participating property owners. Restoration includes the stabilization or re-vegetation of the Project site to minimize erosion and facilitate subsequent land uses as determined by the property owner.

2. DECOMMISSIONING

In the context of this Plan, decommissioning is the act of removing the wind energy infrastructure from service. Decommissioning is a step-by-step deconstruction process that involves carefully and safely removing and appropriately salvaging, recycling and disposing of the infrastructure and appurtenant facilities. It includes the physical removal of facility-associated structures and components (including portions of the foundations) from the Project Area.

The property will be continued as commercial forestry activities during the implementation of the Project, and after decommissioning occurs.

In accordance with the lease agreement with Weyerhaeuser and Lewis County requirements, decommissioning of the Project will include removal of the following infrastructures:

- Aboveground equipment, including towers, the gen-tie line, concrete pads (does not include foundations), anchors, guy wires, fences, fixtures, materials, buildings, structures, improvements, and personal property installed by owner or by its agents, will be removed and recycled or disposed of at approved off-site facilities.
- Where feasible, wind turbines, including blades and towers, will be removed in a manner to allow for refurbishment and resale of each component. Removal will require cranes, construction of temporary crane pads, plus some access road improvements to accommodate large cranes and trucks.
- All projects improvements including footings and foundations will be removed to a depth of three (3) feet below the surface of the ground and covered with soil except wind turbine foundation that will be covered with soil after removing all bolts or steel extending concrete within 12 months from the date of the termination as required under the lease agreement.
- Foundations will be removed to a depth of three (3) feet below the surface. Structures and debris located below the soil surface will also be removed to a depth of three (3) feet below the surface as required under the lease agreement and Lewis County. All pit holes, trenches or other borings or excavations (but not roads) created during decommissioning will be properly filled and compacted.
- Underground power and communication lines will be decommissioned in place. Underground cables will be cut off at ground surface at the cabinets. Transformers will be removed from the site.
- Solid waste and hazardous material will be disposed of offsite in accordance with applicable state and federal regulations. Decommissioned gearboxes, transformers, and hydraulic systems will be drained of fluids, put into appropriate containers before dismantling, and then transported and disposed of off-site in accordance with state and federal regulations.

3. RECLAMATION

In the context of this Plan, reclamation is the process of restoring lands affected by the Project or its dependent components to a land use condition that satisfies the landowner and complies with County requirements. The process may require grading, contouring, removal of compacted soils, stabilization, re-vegetation, and drainage control.

Reclamation of the project will include the following:

- Disturbed on-site soils and vegetation will be reasonably restored to their original condition, including restoring surface water flow to pre-disturbance conditions. Reclamation procedures will be based on site-specific requirements and techniques commonly employed at the time the area is reclaimed. If the land is to be reclaimed to its natural state, reclamation will include re-grading, seedbed preparation, and revegetation with native seed based on the Revegetation Plan developed for the Project.
- Following removal of wind project roads that are not being used by the landowner, these roads will be scarified, decompacted, and recontoured as needed to provide a condition that will facilitate revegetation or agricultural use, allow for proper drainage, and prevent erosion. If requested by the property owner, the area will be reseeded with native grass seed.

4. SCHEDULE

The wind turbines proposed for use in the Project are expected to be operational for 25 to 30 years. It is anticipated that as these turbines reach the end of their expected life, technological advances may allow for a repowering where the existing turbines would be replaced with more efficient and cost-effective generators that extends the life of the Project. Many older wind energy facilities have been re-powered by upgrading or replacing existing towers and other infrastructure with more efficient turbines and related equipment.

Should the operation of the project be terminated, owner would provide Lewis County with a written Notice of Termination of Operations. The date of the Notice of Termination of Operations is the Termination Date. The notice will be provided within 30 days of terminating operation of the system. The Project will be removed in accordance with the terms of existing easement and lease agreements with the landowner.

Decommissioning and reclamation prior to the end of the 30 year life-expectancy of the Project could occur under certain unlikely conditions such as condemnation or the cessation of power generation by the Project.

5. ESTIMATED DECOMMISSIONING AND RECLAMATION COSTS

Total decommissioning and reclamation costs will be offset by the salvage value of towers, turbines and associated facilities that may be sold or reused.

6. RESPONSIBILITY

The Project owner, and its successors or assigns or heirs, would be responsible for decommissioning the facility and all costs associated with clean up & decommissioning the project and associated facilities. Owner will be responsible for ensuring that decommissioning activities occurred in accordance with this Plan. Upon completion of decommissioning, Lewis County and the State of Washington will have the right to review final decommissioning and reclamation to confirm it was consistent with this Plan. In the case of Project is repowered, there will be no associated decommissioning activities taken place until such time that the wind energy project is ultimately decommissioned.

7. FINANCIAL ASSURANCE

Financial assurance will be provided by Project Owner in a manner sufficient to adequately satisfy decommissioning and reclamation commitments under this Plan. Financial assurance will be provided in the form of an irrevocable letter of credit, surety bond, or cash.

In accordance with the lease agreement with Weyerhaeuser (Section 17.2), prior to commencement of construction of any Project improvement, a surety bond, letter of credit, acceptable to Lessor and in an amount sufficient to cover the costs of removal and disposal of the Project improvements and costs of restoration of the surface of the Lease area, including without limitation the actions described in section 17.2 of the lease, and in this Plan. The initial amount of such bond or undertaking shall be based on Lessee's initial estimate of decommissioning costs. The amount of bond or other undertaking shall be reviewed at least every (5) years from the Commercial Operation Date and if a reasonable estimation of the decommissioning cost shall have increased consistent with such estimate. The revised estimate shall be obtained (at no cost to Lessor) from an independent contractor selected by Lessor.