## SCHUMANN WIND PROJECT DECOMMISSIONING PLAN

In accordance with Umatilla County Development Code, the following language describes a plan for decommissioning of the wind Project in the event construction is not completed or after the lifetime of the Project. For this plan, decommissioning pertains to the removal of all installed features related to the wind Project to a depth of at least 3 feet below the surface and the rehabilitation of the land to a condition consistent with its pre-construction state. Some roads, fences and other improvements will be left for landowner usage as requested by the landowner as allowed under applicable zoning. Existing farm roads that are improved for Project use will be kept for landowner use. If the Project is permitted for a re-power, features which are used in the next life of the Project will not be removed. All Project features which are not used in a re-powered Project or kept by the landowner will be removed according to this plan.

All permits necessary to decommission the Project will be obtained by the Project owner and/or contractors in a timely manner once decommissioning is deemed necessary. Oil and other lubricants/fluids will be removed before dismantling of wind turbine and substation components to avoid contamination of surrounding land. Best Management Practices will be utilized to control dust and debris from the dismantling and decommissioning of the Project features. Notice will be given to the appropriate Fire Department(s) prior to the commencement of operations and BMPs will ensure that wildfire danger as a result of operations will be minimized. All Project features will be removed from the site and sold on the secondary market or disposed of in an appropriate manner according to existing laws and regulations.

The site will be returned to as near pre-construction condition as practical by contouring the land to match the surroundings and spreading soils over areas previously farmed. Project features will be removed to at least 3 feet below surface in order to allow for farming practices where practices occurred at the time of the start of construction. Some Project roads, fences and/or other improvements may be left as requested by the landowner as allowed under applicable laws. Any improvements left for the landowners use will become owned and maintained by the landowner. Rehabilitation of the land will occur according to the standards of the Re-vegetation and Erosion Control Plan and the Weed Control Plan.

The Project will secure a bond for the estimated cost of decommissioning and rehabilitation. Below are cost estimates for decommissioning and rehabilitation. The cost of decommissioning for some components will be null or a net profit on the secondary market. These include the turbine towers and generators, transformers, and the transmission line.

## **ESTIMATED COSTS FOR SITE RESTORATION (Reclamation bond Requirements)**

The following is an estimate of the cost to restore the property to a useful non-hazardous condition closely resembling or better than the condition at the start of the Schumann wind Project. During decommissioning all material removed from abandoned roads will hauled and disposed of in an appropriate offsite location in accordance with applicable laws. Bond values may update to reflect changes in quantities of removal features (roads) per landowner request.

Project Feature for Removal	Unit Cost	Units	Cost of Feature Removal
Turbine Foundation Removal	\$6,000 per turbine	5	\$30,000
Rehabilitation of Disturbed Area	\$1,000 per acre	7	\$7,000
Removal of All Weather Roads (not requested to be kept by landowner)	\$25 per foot	8,604	\$215,100
Removal of New Native Grade	\$23 per 100t	8,004	\$213,100
Roads (not requested to be kept			
by landowner)	\$10 per foot	1,800	\$180,000
Crane for Turbine Removal	\$24,000 per turbine	5	\$120,000
Overhead Powerline Removal	Cost of removal expected to be less than resell value	NA	\$0
TOTAL			\$552,100