

FIGURES

Figure 1-1

Figure 1-2

Figure 2.2.1-1 Wind Turbine Dimensions

Figure 2.2.2-1: Location of Kittitas County, Washington

Figure 2.2.2-2 Project Site Location

Figure 2.2.3.1-1 Typical Wind Power Project Gravel Road

Figure 2.2.3.2-1 Spread Footing Type Foundation

Figure 2.2.3.2-2 Mono-Pier Type Foundation

Figure 2.2.3.3-1 Typical WTG Nacelle

Figure 2.2.3.3-2 Rotor Assembly

Figure 2.2.3.3-3 Electrical and Central Control System

Figure 2.2.3.4-1 Typical Pad Mount Transformer

(shown during construction before terminations landed)

Figure 2.2.3.4-2 Typical Underground Cable Trench

Figure 2.2.3.4-3 Collection System Overhead Line - Pole Structure

Figure 2.2.3.6-1 Aerial View of Existing BPA Schultz Substation

Figure 2.2.3.6-2 Typical Step-Up Substation

Figure 2.2.3.7-1 WTG Lightning Diversion Paths

Figure 2.2.3.7-2 Turbine Earthing System at Tower Base

Figure 2.3.8-1 Met Tower

Figure 2.2.3.11-1 Typical Wood Pole H-Frame Feeder Line Configuration

Figure 2.2.4.1-1 Lightning Flash Density Map of the US

Figure 2.3.1-1: Comparison of Various Wind Turbine Technologies

Figure 2.3.1-2 FloWind Vertical Axis (Darrieus Wind Turbine Located on Thorp Prairie, near Ellensburg WA

Figure 2.3.1-3 Two-Bladed Downwind Wind Turbine

Figure 3.2.1-1 Wind Energy Rose for Whiskey Dick Mountain

Figure 3.3.2-1 Erosion Control Blankets and Silt Fencing used for Exposed Slope Stabilization as part of a SWPPP

Figure 3.4.1-1 Hedgehog cactus

Figure 3.6.1-1. Location of avian observation stations

Figure 3.6.1-1 Avian use by major bird group.

Figure 3.16.1.1-1 Lightning Flash Density Map of the USA

Figure 4.4-1 Project Construction Management Organizational Structure