FIGURE 1: PROJECT OVERVIEW
Desert Claim | Kittitas County, Washington

Source: Source 1 YYYY, Source 2 YYYY | G:\Projects\USA_West\Desert_Claim\05_GIS\052_MapDocs\EFSEC_Doc\Desert_Claim_Overview_F-1.mxd | Last Updated 2/13/2018 by peter.bower
FIGURE 2: PROJECT AREA: COMPARISON OF NEW TO OLD
Desert Claim Wind Project | Kittitas County, Washington
FIGURE 3: PROJECT AREA
Desert Claim Wind Project | Kittitas County, Washington
enXco Desert Claim Project
Mast 209
50 m Wind Rose Graph
July 2001 - June 2005

Percent of Total Wind Energy (Wh/m²): 
Percent of Total Time: 
Circle Center: 0.0%
Inner Circle: 65.0%
Outer Circle: 32.5%

DESERT CLAIM WIND POWER
Kittitas County, Washington
DESERT CLAIM WIND POWER

Figure 5
TYPICAL WIND TURBINES IN OPERATION

Kittitas County, Washington
FIGURE 7: 80 MW VESTAS LAYOUT

Source: Source 1 YYYY, Source 2 YYYY, Source 3 YYYY | G:\Projects\USA_West\Desert_Claim\05_GIS\052_MapDocs\EFSEC_Doc\Vestas_80MW.mxd | Last Updated 2/13/2018 by peter.bower

Desert Claim Wind Project | Kittitas County, Washington
INVERTED T TYPE FOUNDATION

Ground Surface
Tower Shell
Pedestal
Baseplate Ring
Extent of Concrete Base (underground)

Plan View

Ground Surface
Transformer Pad
Transformer
Pedestal
Baseplate Ring
Grade at 1/4" Per Foot
Compacted Native Soil (backfill)
Concrete
Embedment Plate
Extent of Excavation

Cross-Section View

INVERTED T TYPE FOUNDATION

DEsert Claim Wind Power

Kittitas County, Washington

Figure 9A
TYPICAL TURBINE FOUNDATION - INVERTED T

Not to Scale

Date: 10/19/2006
GIS Analyst:
Map Source Information:
PILE TYPE FOUNDATION

DESERT CLAIM WIND POWER

Kittitas County, Washington

Figure 9B
TYPICAL TURBINE FOUNDATION - PILE TYPE

Date: 10/19/2006
GIS Analyst:
Map Source Information:
1. Nacelle
2. Heat Exchanger
3. Generator
4. Control Panel
5. Main Frame
6. Impact Noise Insulation
7. Hydraulic Parking Brake
8. Gearbox
9. Impact Noise Insulation
10. Yaw Drive
11. Yaw Drive
12. Rotor Shaft
13. Oil Cooler
14. Pitch Drive
15. Rotor Hub
16. Nose Cone
Figure 11
TYPICAL PERMANENT MET TOWER

DESERT CLAIM WIND POWER
Kittitas County, Washington

Date: 10/2/2006
GIS Analyst
Map Source Information: USGS Topographic Map, 1:24,000 scale.