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3.17 Cumulative Impacts

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4 Required EFSEC Information

4.1 Assurances
4.2 Sources of Information

4.3 Legal Descriptions and Ownerships (including Memos of relevant documents and mailing addresses for 3 mile radius)

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4.4 Construction Management

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4.6 Emergency Plans

4.7 Criteria, Standards, and Factors Utilized to Develop Transmission Route

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4.2.2 Preapplication Studies

Exhibit 4: **CH2M Hill, June 2003.** Geotechnical Data Report, Wild Horse Wind Power Project

Exhibit 9: **Nielsen, Arne, 2003.** Shadow Flicker Modeling, Wild Horse, WA.

Exhibit 12: **Erickson, W.P., Lack, E., Sawyer, H., and G. Johnson. 2003.** Habitat Characterization and Rare Plant Resources Report: Wild Horse Wind Power Project (Kittitas County, Washington).

Exhibit 14: **Erickson, W.P., Jeffrey, J., Young, Jr, D.P, Bay K., Good, R., Sawyer, H., and G. Johnson. 2003.** Wildlife Baseline Study for the Wild Horse Wind Project: Summary of Results from 2002-2003 Wildlife Surveys.

Exhibit 20: **ECONorthwest,** *Economic Impacts of Wind Power in Kittitas County*. For the Phoenix Economic Development Group. October 2002.

Exhibit 24-A: **Comsearch. 2003.** Licensed Microwave Search and Worst Case Fresnel Zone Analysis for the Wild Horse Wind Power Project, Kittitas Valley, WA.

Exhibit 24-B: **Comsearch, 2003.** TV Propogation Measurement and Analysis Report for the Wild Horse Wind Power Project , Kittitas Valley Washington.

Exhibit 29: **Nierenberg, Ron, 2003**. Frequency of icing events at proposed windfarm near Kittitas, WA.

Also submitted under separate cover:

Flenniken, Ph.D, J.J., and P. Trautman, B.S. 2003. Archaeological Survey of the Wild Horse Wind Power Project, Kittitas County, Washington.

Although no separate technical reports were crafted as a result of these studies, extensive research was completed to produce Sections 3.1, 'Earth', 3.3 'Water', 3.13 'Public Services', 3.12 'Population, Housing and Economics'. Please refer to Section 4.10, 'List of Preparers'. Additionally, literature review, field research and surveys, and modeling were conducted to determine potential visual and noise impacts to the Project area. The results of this work are presented in this application as Section 3.11, 'Visual Resources, Light and Glare, and Section 3.9, 'Noise'. Aesthetic impact research and analysis was conducted by Dr. Tom Priestley of CH2M Hill. Noise impact modeling and analysis was conducted by Mr. Mark Bastasch of CH2M Hill.

Applicant has also performed on-going meteorological investigations of the wind resource at the Project site with the assistance of consulting meteorologists Jack Kline of RAM and Associates and Ron Nierenberg.