

2.16 SECURITY CONCERNS

WAC 463-42-275 Security Concerns. The applicant shall describe the means employed for protection of the facility from sabotage, vandalism and other security threats.

2.16.1 Introduction

The Kittitas Valley Wind Power Project (the “Project”) generally consists of a substation, an O&M building and graveled site access roads which lead to the wind turbines. Security is primarily a function of controlled access to the Project areas and lock-out provisions to major equipment and controls.

Through review with WindPro Insurance of Palm Desert, CA, a major insurer of wind power projects around the world, there are no recorded cases of terrorism, sabotage or other similar security threats in the past 15 years of their knowledge for more than 17,000 wind turbines operating in 14 different countries. Vandalism has occurred on some wind power projects which is generally limited to petty theft of tools and/or equipment.

A full time security plan will be implemented during Project construction and once construction is completed, a comprehensive operations security plan will be prepared along with a detailed emergency plan which is more fully described in Section 7.2, ‘Emergency Plan’.

2.16.2 Construction Phase Security

2.16.2.1 Security Check-in

During construction, a full time bonded security officer will be on duty at the Project site 24 hours per day, 7 days per week. All site staff and subcontractors will be required to wear an identity badge and display vehicle clearance tags at all times. Newcomers to the Project site will have to check in, log in and log out at the main site construction trailers. The main site construction trailers will be equipped with outdoor lighting and motion sensor lighting as required.

2.16.2.2 Secured Lay-down Areas

Construction materials will be stored at the individual turbines locations, or at the lay-down area around the perimeter of the Operations and Maintenance (O&M) facility and site construction trailers. Temporary fencing with a locked gate will be installed for a roughly 1.5 acre area adjacent to the site trailers for the temporary storage of any special equipment or materials. After construction is completed, the temporary fencing will be removed and the area re-seeded with an appropriate seed mix.

2.16.2.4 Security Plan

The Site Project Manager will work with a security contractor to develop a plan to effectively monitor the overall site during construction including drive-around security and specific check points. The security inspection and monitoring plan will be changed throughout the course of construction based on the level of construction activity and amount of sensitive or vulnerable equipment and materials in specific area. Much of the security monitoring activities will be

straight forward since all site access ways will be accessible from paved state and well maintained county roads.

2.16.3 Operational Phase Security

Site visitors including vendor equipment personnel, maintenance contractors, material suppliers and all other third parties will require permission for access from authorized Project staff prior to entrance. The Plant Operations Manager, or designee, will grant access to any critical areas of the site on an as-needed basis. Arrangements will be made with adjacent landowners having legal ingress and egress easements across areas where Project facilities will be located to ensure their continued access.

Currently, almost all existing field access driveways in the area are equipped with lockable gates. Similarly, access ways to the main O&M facility area and site trailers as well as all wind turbine string roads will be constructed with lockable access gates. The access gates will be open during working hours and be secured by project site security personnel after working hours.

Both the O&M facility and the main substation will be equipped with outdoor lighting and motion sensor lighting. The main substation will be also visible from the O&M facility. The substation will be surrounded by an 8 foot tall chain-link fence with razor wire along the top. All wind turbines, pad transformers, pad mounted switch panels and other outdoor facilities will all have secure, lockable doors.

The plant operations group will prepare a detailed security plan to be implemented to protect the security of the Project and Project personnel.

2.16.4 Emergency Response

The Project will establish an Emergency Response Plan for the power plant to ensure employee safety for the following emergencies:

- Personnel injury;
- Downed power system hazards with specific attention to power lines and the substation
- Construction emergencies;
- Project evacuation;
- Fires and explosions;
- Floods and other weather abnormalities;
- Emergency freeze protection;
- Earthquakes;
- Volcanic eruption.

The Emergency Response Plan will cover all Project employees, site visitors and on-site contractors. The Emergency Response Plan will be administered by the Project O&M Manager or designee and is described, in detail, in Section 7.2, 'Emergency Plans'.

Please refer to Section 5.3, 'Public Services and Utilities' for a discussion of the law enforcement agencies in the local area and their coordination with the Project.