

Site Security Plan - Operations

Baron Winds Project

August 2017

DRAFT

Table of Contents

1. Introduction	3
2. Access Roads	3
3. Wind Turbines	3
4. Substation	4
5. Operations and Maintenance Building	4
6. Lighting	4
6.1. Turbine lighting	4
6.2. Substation lighting	5
6.3. O&M Building lighting	5
7. Cybersecurity	5
8. Training	6
Appendix A	7

DRAFT

1. Introduction

Security is a critical component of any major electric generating facility. This Site Security Plan (“Plan”) is intended to be the foundation of the final site security plan that will be implemented at the Baron Winds Project (the “Project”) for Project operation.¹ The Project Operators will be responsible for the Plan’s implementation during operation.

The objective of the Plan is to support a safe work environment through implementation of security measures, minimize unauthorized access to the Project and protect the equipment and components of the Project from vandalism, theft, and damage.

The provisions of this Plan are mandatory for all Project personnel and subcontractors assigned to the Project. All visitors to the Project site must abide by the requirements of this Plan. All Project employees will attend a pre-job briefing where the contents of this Plan will be discussed. Project staff assigned to this project must sign the Agreement and Acknowledgement Sheet (see Appendix A) to confirm that they understand and agree to abide by the provisions of this Plan.

2. Access Roads

All access roads shall be gated to restrict access to the general public. Gates will be required to be kept locked when turbine maintenance is not occurring. Signage will be installed on gates warning the public not to trespass and of possible ice throw hazards. If unauthorized access is found to become a reoccurring problem (i.e. multiple incidents a month) or gates are found to be damaged, intrusion detection devices shall be evaluated for installation at the entrance of Project access roads. Violations of access road gate locking by subcontractors and visitors may result in them being banned from the Project.

3. Wind Turbines

Wind turbine access doors shall be closed and locked except when Project personnel are inside the turbine. Signage will be posted at every wind turbine stating that it is a federal offense to damage a wind turbine and stating that no trespassing is allowed on Project facilities. If vandalism and damage to wind turbines becomes a problem, intrusion detection devices shall be evaluated for installation at wind turbine sites. Violations of turbine access door locking by subcontractors and visitors may result in them being banned from the Project.

¹ Site security during Project construction is addressed in the Baron Winds Quality Assurance/Quality Control Plan (QA/QC Plan)

4. Substation

The Project substation shall be fenced. Control buildings within the substation and the fence door shall be kept locked unless Project personnel are inside the substation. The access road entrance to the Project substation shall be gated and kept locked² in a similar manner to access roads. The substation shall have an alarm system and/or video recording system in place to deter intruders. Should vandalism or damage occur to the Project substation, additional intrusion detection methods may be considered. Violations of substation locking by subcontractors and visitors may result in them being banned from the Project.

5. Operations and Maintenance Building

The Operations and Maintenance Building (“O&M building”) shall be locked at all times when Project personnel are not inside. A video camera or similar detection device shall be installed at the primary entrance of the O&M building. Should unauthorized access, vandalism, or damage occur to the O&M building, additional intrusion detection methods may be considered.

6. Lighting

Security lighting is an important component of the security plan. Security lighting shall be installed at all wind turbines, substations and the O&M building. Security lighting that fails shall be promptly replaced and checking security lighting functionality shall be a component of all maintenance inspections of substations and turbines in accordance with the inspection schedule in the O&M Plan, at a minimum.

6.1. Turbine lighting

Turbines shall have a safety light near the turbine door. The light shall be set on a motion detector and hooded downward. If motion detector lighting is not feasible, the light will be placed on an auto-off switch in which the light will automatically turn off after a specified period of time (i.e., period of time needed to accomplish any nighttime safety or maintenance work). The light will be the lowest intensity required to accomplish its safety purpose and will not be a sodium vapor light.

² It is expected that following construction the Project interconnection substation will be owned and operated by NYSEG. EverPower will ensure that NYSEG has full and complete access to the interconnection substation during Project construction and operation as needed.

6.2. Substation lighting

Substation lights shall be kept to the minimum necessary for security and maintenance safety. Substation lighting will be replaced with low-light video and/or camera surveillance monitoring or other security methods that do not require lighting whenever practicable. Substation lighting will be set on a motion detector and hooded downward. If motion detector lighting is not feasible, the light will be placed on an auto-off switch in which the light will automatically turn off after a specified period of time (i.e., period of time needed to accomplish any nighttime safety or maintenance work). The light will be the lowest intensity required to accomplish its safety purpose and will not be a sodium vapor light. A lighting designer will be employed to design a lighting plan for the substation in order to avoid any redundant and ineffective lighting. The lighting plan will be developed prior to construction and will be provided to the New York State Department of Public Service.

6.3. O&M Building lighting

O&M building lights will be set on a motion detector and will be hooded downward. If motion detector lighting is not feasible, the light will be placed on an auto-off switch in which the light will automatically turn off after a specified period of time (i.e., period of time needed to accomplish any nighttime safety or maintenance work). The light will be the lowest intensity required to accomplish its safety purpose and will not be a sodium vapor light.

7. Cybersecurity

EverPower is partnered with an industry leading Managed Services Security Provider that provides continuous (24 hrs/day, 7 days/week, 365 days/year) monitoring and alerting on all servers, workstations, and firewalls. This includes the O&M building as well as the substation communication lines and end points. On other projects, EverPower has implemented a multi-tier advanced endpoint threat detection approach to alerting, and threat mitigation.

On other projects, EverPower has engaged all site and corporate employees with ongoing cybersecurity awareness training and testing on an annual basis. Additionally, EverPower has developed a number of policies that address strong password encryption, two factor authentication, an incident response plan and playbook, as well as off-site storage of log files and backup of critical assets.

The perimeter fencing at the substation will be monitored using motion detection and infrared cameras with motion alerting and off-site recording storage and monitoring.

8. Training

New contractors and site personnel will be oriented to the Plan via a copy and review of this document (and will be required to sign the Agreement and Acknowledgement Sheet) in combination with their orientation to other EverPower policies and plans such as the Emergency Action Plan and Health and Safety Plan.

Beyond new contractor and/or personnel hire orientation, the Plant Operator, or the employee's direct supervisor, shall provide training to support their job function. A copy of this Plan is provided to each person on site and is to be available at all times for all site personnel to review at the O&M Building.

DRAFT

Security Plan Acknowledgement Form

DRAFT

