

Grand Coulee 500kV Substation; NERC CIP 014 Physical Security System

The purpose of this project is to provide security enhancement to the Grand Coulee 500kV Substation. The current level of protection provided by security technologies installed at Grand Coulee substation has reached the end of its useful life and requires replacement. This project is part of the ongoing critical infrastructure protection program.

The project requires the design and installation of the following systems:

1. Physical Access Control System
2. Intrusion Detection System
3. Integrated Video Assessment and Surveillance System
4. Control cabinet and ancillary equipment
5. Automated Gate
6. Medium Security Fence

The project also includes all associated infrastructure (conduit, fiber, power) related to these systems, which supports security best practices and established standards.