towers over 80 feet and all other structures over 100 feet). Without military review, those structures falling within the yellow zone would be limited to 500 feet above ground elevation. Those structures falling within the red zone, which includes 1,337 acres (10.1%) located on the eastern portion of the site, would be limited to 80 feet above ground elevation for wind turbines and communications towers and 100 feet for all other structures. Figure 3-4 shows military review requirements for the proposed project site.

3.3 Project Objectives

North Sky River Energy, LLC has defined seven objectives for the proposed project:

- Make a significant contribution toward achieving the California RPS goal that 33 percent of electricity be generated by renewable energy by 2020;
- Maximize energy production and economic viability by locating the project in an area with optimal wind and solar resources and terrain characteristics;
- Optimize the use of underused and undeveloped land within the Tehachapi Wind Resources Area;
- Increase local short-term and long-term employment opportunities;
- Reduce greenhouse gas emissions by providing a long-term alternative means of energy to conventional fossil fuels;
- Use state-of-the-art WTG technology to achieve increased performance, lower cost, higher reliability, and longer service life; and
- Produce electricity without the need for large amounts of water in relation to conventional means (1/600 as much water per unit of electricity produced compared with nuclear and 1/500 as much as coal).

Jawbone Wind Energy, LLC has identified nine objectives that are important to achieving the proposed project goal:

- Provide a 39-MW project generating 100,000 MWh per year of electricity, in California, through optimization of renewable energy sources;
- Supply renewable energy that will help the State of California meet its goals by reducing reliance on energy generated from fossil fuels;
- Provide property tax revenues to Kern County;
- Assist Kern County in promoting its role as the State’s leading renewable energy producer;
- Provide green jobs to Kern County and the State of California;
- Realize the full potential of the wind resource;
- Result in an economically feasible renewable energy project that would be developed through commercially available financing;
- Supply clean, safe, renewable energy for 9,000 homes; and
- Support California’s goal of 33 percent renewable energy generation by 2020.
3.0 Project Description

Military Review Requirements

- All structures over 500 feet
- No review requirement. County to provide building permit summary
- All wind turbines & communication towers over 80 feet. All other structures over 100 feet

Figure 3-4
Military Review Requirement for the Proposed Project Site