

Grazing Yak Solar Project Wildland Fire and Hazard Mitigation Plan

The intent of this Plan is to analyze the Grazing Yak Solar Project's (Project) adherence to the El Paso County Land Development Code Section 6.3.3 Fire Protection and Wildfire Mitigation Standards. Project design and access was reviewed in consideration of the wildfire risks and need to provide adequate fire protection in order to:

- Regulate development, buildings and structures so as to minimize the hazard to public health, safety, and welfare;
- Ensure that adequate fire protection is available for new development;
- Implement wildfire hazard reduction in new development;
- Encourage voluntary efforts to reduce wildfire hazards; and
- Reduce the demands from the public for relief and protection of structures and facilities.

The Project was analyzed for the risk of wildfire based on the *Wildfire Hazards Based on Colorado Vegetation Classification Project – El Paso County, Colorado* as referenced in Section 6.3.3(A)(6). The Project is located in a low hazard – non-forested area of the county (see attached map). As such, wildfire hazard mitigation would not be required since wildfire hazard is minimal on the Project. Nonetheless, the Project will conform to the additional fire-related standards under Section 6.3.3 as requested by El Paso County.

The Project will receive services from the Calhan Fire Protection District (CFPD) which provides fire and emergency services from a station located at 725 4th Street in Calhan, Colorado. Services will be provided during construction and operation of the Project. Services provided during construction will address the potential hazards of grassland fire and explosion resulting from flammable liquids being stored on-site, and spark production during welding of solar facility equipment. Those services may include wildland, structure, and vehicle fires; medical emergencies; rescues; and hazardous materials responses. Additional details and protocols of construction-related emergency response will be provided with the Site Development Plan. Heavy rescue would be provided by Ft. Carson or Colorado Springs on a mutual aid agreement. Emergency services provided by CFPD during operation of the Project will be limited to grassland fire suppression. Fire suppression will occur from outside of the solar array fence and will ensure that fire does not escape from the solar array.

The CFPD equipment will be specified upon confirmation from the CFPD. Equipment may include engine pump trucks, a tender pump truck, brush trucks, ladder trucks, and ambulances to respond to emergencies. Water may be pulled from a local source including the water source procured for project construction.

CFPD has provided a Fire Commitment Letter identifying it has available resources to respond to any emergency including wildland fires. Project access is adequate for emergency services from Washington Road up to the entrance gate of the solar array.

