

## **Wildland Fire and Hazard Mitigation Plan Front Range-Midway Solar Project**

This Fire Protection Plan identifies the Front Range-Midway 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 assessed 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 in a low hazard – non forested area of the county (see attached). 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 the county and described below.

The Front Range-Midway Solar Project (Project) will receive services from the Hanover Fire Protection District (HFPD) through a mutual aid agreement with Hanover Fire Department. The HFPD provides fire and emergency services from three stations located at 17550 S. Peyton Way, 12225 Old Pueblo Rd. and 7930 Indian Village Heights. Services provided by Hanover Fire include wildland, structure, and vehicle fires; medical emergencies; rescues; and hazardous materials responses at a limited capacity for operational response. El Paso County will provide assistance on hazardous materials calls as needed. High angle rescue and heavy rescue would be provided by Ft Carson or Colorado Springs on a mutual aid agreement.

HFPD is equipped to handle first alarm fires and personnel include two medical squads. The department's equipment includes three engine pump trucks, three tender pump trucks, three brush trucks, a heavy brush pump truck, and two ambulances to respond to emergencies. Water will be pulled from one or more of the three Wigwam Water District Taps procured for the Project and located within the proposed WSE-O boundary. El Paso County has a hazardous material decontamination trailer, if needed. Their longest ladder is 25 feet. If a longer ladder is needed the Security Fire Department responds with their 75-foot ladder truck on all structure fires. The department's goal response time for 2017 is 10 minutes for first department vehicle on scene. In 2016 the HFPD averaged a 12 minute response time.

The Project has received a Fire Commitment Letter (see attached) from the HFPD and has agreed to the following requests to ensure adequate site access and safety for HFPD during incident response:

- Roads should be brought up to all season access during Project construction.
- Knox boxes will be located at all main gates along the perimeter of the solar facility.
- The Project will support classroom training during construction for firefighter and EMS workers on potential hazards during construction of the Project.

- The Project will support sight training for firefighter and EMS workers once construction is complete.
- The Project will control weeds on the Project to remove fuels.
- Fire breaks along the perimeter fences will be kept clear of vegetation to reduce the risk of grassland wildfire spreading into the Project.
- Gravel areas will surround the energy storage facility and kept clear of vegetation.
- Welding operations will not occur on red flag days or during any fire restrictions. Welding operations will have a fire watch and water trucks on site for support.
- Any onsite smoking area during construction will be clearly marked and cleared of all vegetation in a 20-foot radius equipped with appropriate disposal cans and extinguishers.
- Energy storage facility will be equipped with temperature control systems and either UL certification for fire events or a fire suppression system within the containers.
- The Project will provide a detailed fire event response plan for the energy storage facility.

