



FY '25 HMGP Post-Fire Project Proposals

Subapplicant: Douglas County

Project Title: Minden-Tahoe Airport Emergency Generator

Project Type: Critical Facility Generators

Hazard Analysis Type: Protects against Wildfire, Human Cause, Severe Ice Storm, Severe Storm(s), Snow, Special Events, Tornado, and Windstorm.

Total Project Cost Estimate: \$213,000

Federal Share (75%): 159,750

Non-Federal Share (25%): \$53,250

Background: This project will ensure that critical visual navigation aids – including the airport rotating beacon, runway end identifier lights, visual approach slope indicators, and runway lights – and other safety systems remain operational at Minden-Tahoe Airport during power outages. Currently, these systems face outages when power is lost, leading to significant life and safety risks to aviators and ground personnel. The Airport has lost power in the past due to both natural and manmade hazards, including severe wind events, and underground cable failure. Minden-Tahoe is a busy regional general aviation airport, handling approximately 90,000 operations a year (45,000 flights), including air ambulance access to high-level treatment centers in Nevada and California and as an aerial firefighting center to combat wildfires in the region.

The Airport faces multiple power outages every year. At the same time, airports, including ours, are increasingly using lighted navigational aids, which rely on power to remain operational. The combination of these two factors has prompted the Airport to seek this generator.

No Action: If no action is taken, the Airport will continue to experience risks to life and safety due to the disruption to critical visual navigation aids and weather observing systems at times of power loss due to severe weather events.

Proposed Action: The project seeks to acquire an emergency backup generator to support life safety and operational continuity at this busy general aviation airport. The proposed 175KW generator will supply 400amp three-phase 208-volt backup power. It will be located on a concrete pad next to the airport's existing electrical box. During outages, the generator will supply power to the following critical visual navigation aids:

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- Airport Rotating Beacon
- Runway End Identifier Lights (REIL)
- Visual Approach Slope Indicators (VASI)
- Runway Lights

Schedule: 21 months

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FY '25 HMGP Post-Fire Project Proposals

Subapplicant: Douglas County

Project Title: 1830 Bennett Court Repetitive Loss Property Acquisition and Demolition

Project Type: Flood – Acquisition

Hazard Analysis Type: Protects against Flood.

Total Project Cost Estimate: \$799,798

Federal Share (75%): \$599,848.50

Non-Federal Share (25%): \$199,949.50

Background: The property at 1830 Bennett Court has experienced repeated losses due to flooding, and its location makes it susceptible to future flooding. Acquiring this property and removing the structure will remove a potential hazard from the flood plain in a SFHA, mitigating future flooding of this structure while also improving flood control for the area.

Flooding in this area worsened after the Sept. 25, 2025, Connor Fire impacted the Ruhestroth drainage area, destroying vegetation that had previously helped reduce flooding. The fire additionally caused sediment in the area to become hydrophobic, leading to additional runoff. Heavy rainfall post-fire led the property to flood again.

No Action: If no action is taken, the property at this location faces the risk of continued flooding and loss.

Proposed Action: Douglas County seeks to acquire the property to resolve the flooding issues faced by the homeowners and also contribute to flood control in the project area and surrounding areas.

Schedule: 19 months



FY '25 HMGP Post-Fire Project Proposals

Subapplicant: City of Reno Fire Department

Project Title: Emergency Standby Generators – Reno Fire Stations 2, 6, & 10

Project Type: Other – Critical Facility Generator(s)

Hazard Analysis Type: Protects against Earthquake, Wildfire, Flood, Freezing, Human Cause, Severe Ice Storm, Severe Storm(s), Snow, Terrorist, and Windstorm.

Total Project Cost Estimate: \$300,000

Federal Share (75%): \$225,000

Non-Federal Share (25%): \$75,000

Background: Reno Fire Stations 2, 6, and 10 have backup generators that have exceeded their useful life and are no longer dependable during extended power outages. These stations operate 24/7 and provide fire suppression, EMS, wildland response, and disaster support. Over the past 25 years, Reno has seen more frequent wildfires, Red Flag wind events, winter storms, and Public Safety Power Shutoff (PSPS) events that increase the likelihood of power disruptions. When power is lost or a generator fails, critical functions such as bay doors, communications, lighting, HVAC, and equipment charging can be impacted, reducing response capability during emergencies.

This project will replace the aging generators with new fixed standby generators, automatic transfer switches, and upgraded electrical systems at each station. The upgrades will ensure the stations remain fully operational during hazard-related outages. Maintaining reliable backup power reduces risk to life and property, supports firefighter safety, and strengthens the City's ability to respond during wildfire and severe weather events.

Recent wildfire seasons, prolonged Red Flag conditions, and increased Public Safety Power Shutoff (PSPS) events have highlighted the vulnerability of fire stations operating without reliable backup power. Regional utility infrastructure has experienced strain during high wind and wildfire conditions, increasing the likelihood of extended outages during periods of peak emergency response demand. In addition, updated risk assessments through the Local Hazard Mitigation Plan and Community Wildfire Protection Plan emphasized the need to harden critical facilities to maintain continuous operations. These factors directly influenced the decision to prioritize replacement of aging generators at Stations 2, 6, and 10 to ensure uninterrupted emergency response capability during

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hazard events.

No Action: Under the No Action alternative, the existing generators at Fire Stations 2, 6, and 10 would not be replaced and the current electrical systems would remain as they are. Because the generators have exceeded their useful life, the stations would remain at risk of losing backup power during outages caused by wildfire, severe weather, or other hazard events. If the generators fail or power is lost, important functions such as bay doors, communications, lighting, HVAC, and equipment charging could be disrupted. This could affect the stations' ability to respond during emergencies. The No Action alternative would leave the current risk in place and would not improve reliability or reduce hazard impacts.

Proposed Action: The Proposed Action is to replace the existing generators at Reno Fire Stations 2, 6, and 10 with new fixed standby generators, automatic transfer switches, and upgraded electrical panels. The current generators have exceeded their useful life and are no longer dependable during extended power outages. The new generators will provide reliable backup power to keep critical systems running, including bay doors, communications equipment, lighting, HVAC, and equipment charging. This is the preferred alternative because it allows the stations to stay fully operational during power outages caused by wildfire, severe weather, or other emergencies. Keeping these stations functioning ensures firefighters and EMS crews can continue responding to incidents without interruption, helping protect lives and property in the community. The project is environmentally preferred because all work will take place within existing fire station sites and will involve only minor excavation and electrical work. No new land will be disturbed or acquired. It is also the most practical and cost-effective solution because replacing the aging generators reduces the risk of equipment failure and helps ensure reliable emergency services during hazard events.

Schedule: 26 months