



Highland Tank's HighGuard double-wall steel storage tanks are great options for mission critical facilities and can be customized to fit the application.

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FUEL STORAGE TANKS FOR REDUNDANT POWER

The demand for redundant power sources is in high demand. Over the past few decades, the reliance on power utilities to keep the technology of today operating has grown exponentially.

Life support equipment and technology at hospitals needs to operate at all times in order to save lives. Airports cannot afford to have a power outage when the approach is full of planes carrying thousands of passengers. Prisons, communication facilities, and other mission critical operations rely heavily on a back-up power source.

Our demand for redundant power goes beyond life-saving support and the safety needs met by mission critical facilities. We all depend on our cell phones for far more than the ability to make a call. We use our phones to communicate in other ways, stay on top of world events, monitor our health, pay our bills, entertain ourselves, and do our jobs. When power outages occur, we risk being more than inconvenienced or disabled. The need for redundant power is critical to each of us.

Highland Tank manufactures many fuel storage tanks that are incorporated into systems to

supply power when the conventional supply goes down. These tanks come in every size from 250 gallons to 70,000 gallons. Data centers, hospitals, and other large operations that require a redundant power source to support the operation for 96 hours or longer require a significant amount of fuel storage.

Often, the facility does not have the property to install large fuel storage tanks aboveground. Highland Tank's HighGuard double-wall underground storage tank is a perfect solution for these scenarios.

The HighGuard tank is constructed of two walls of mild carbon steel. Our team buys steel according to our own strict guidelines and rigid ASTM specifications. Steel's structural integrity can withstand extreme weather conditions and natural disasters. The latest fabricating technology, welding, interior linings, and exterior coatings reinforce the strength of the double-wall steel tank.

The exterior coating is what really sets the HighGuard tank apart. A dielectric coating of high-solids polyurethane is applied to a thickness of 75 mils. The HighGuard protective coating is a dense, solvent-free, tar-free, two-component coating system with high-impact properties and tensile strength. The superior coating resists surface damage during transportation and installation. HighGuard tanks do not require cathodic protection. Tanks with HighGuard protective coating provide decades of safe fuel storage.

Highland Tank has worked with the engineering community on many projects to assist in the design of reliable back-up power sources for mission critical facilities. A vast number of HighGuard tanks in sizes ranging from 30,000-50,000 gallons are being installed across the country to supply hundreds of thousands of gallons of fuel to help "keep the lights on" while providing safety, security, and keeping us all connected.



Call 814-893-5701 today
or visit us at
www.highlandtank.com
for more information on our
storage tanks.

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