



SPECIALTY MANUFACTURING

POWER AND RELIABILITY,
WITHOUT DELAY



We will not deliver the products within the original date requested.

Dear Channel Partner...

We recommend adjusting any project planning timelines that you may have to account for an **extended lead time estimate of 52 weeks.**

Several of our plants are conducting scheduling resets to provide more accurate lead times. Please note that customer service response times may also be delayed, as we focus our resources towards operational demands.

recent tariff and commodity prices have caused impacts on our availability and cost

Dear valued partner:
While upstream supply is stabilizing, order intake has exceeded industry expectations and material availability.

R. AskEngineers Report • 3 mo. ago

2+ Year Lead Time on Electrical Equipm

Electrical | Supply Chain

Medium voltage transformers now being quoted with a 130 week lead time. This is un similar timeline extensions with switchgear, generators, and other electrical equipmen

We’ve all seen countless delay letters, fuzzy timelines, order cancellations, and price hikes.

For us, the impacts to our projects and our partners’ investments were too great to not take action. As a national contractor with expertise in critical power distribution—from a design and installation perspective—we decided to expand our manufacturing capabilities, and partner with the best component developers, to deliver our own power equipment...with reliability, accuracy, transparency, and speed.

may experience **delays of 60 weeks** which has affected many projects and substantially increased our lead times

Dear valued customer
Re: Force Majeure Events

Thank you for your patience in the interim.

Electrical Component Shortage Is Wreaking Havoc and Demands Action

Policy Briefing | Ongoing supply chain shortage of transformers and other electrical switch gear is becoming a crisis; AD&C credit continues to tighten.

At Power Design, we're all about mitigating risk and streamlining processes for both our people and our partners.

That's why we established our Specialty Manufacturing Division...

...to ensure faster production timelines and more reliable critical power solutions through UL-Certified products, staff, and equipment. By leveraging decades of Electrical Design-Build expertise, we deliver the quality and speed construction projects demand.

BY THE NUMBERS:

9 Custom Switchboard Designers
8 Specialized Machine Operators
274 Combined Years of Experience

60K Sq. Ft. Manufacturing Area
126 Switchboards Completed
269 Sections in Backlog



Industry-leading time frames



Manufactured with precision, performance-tested

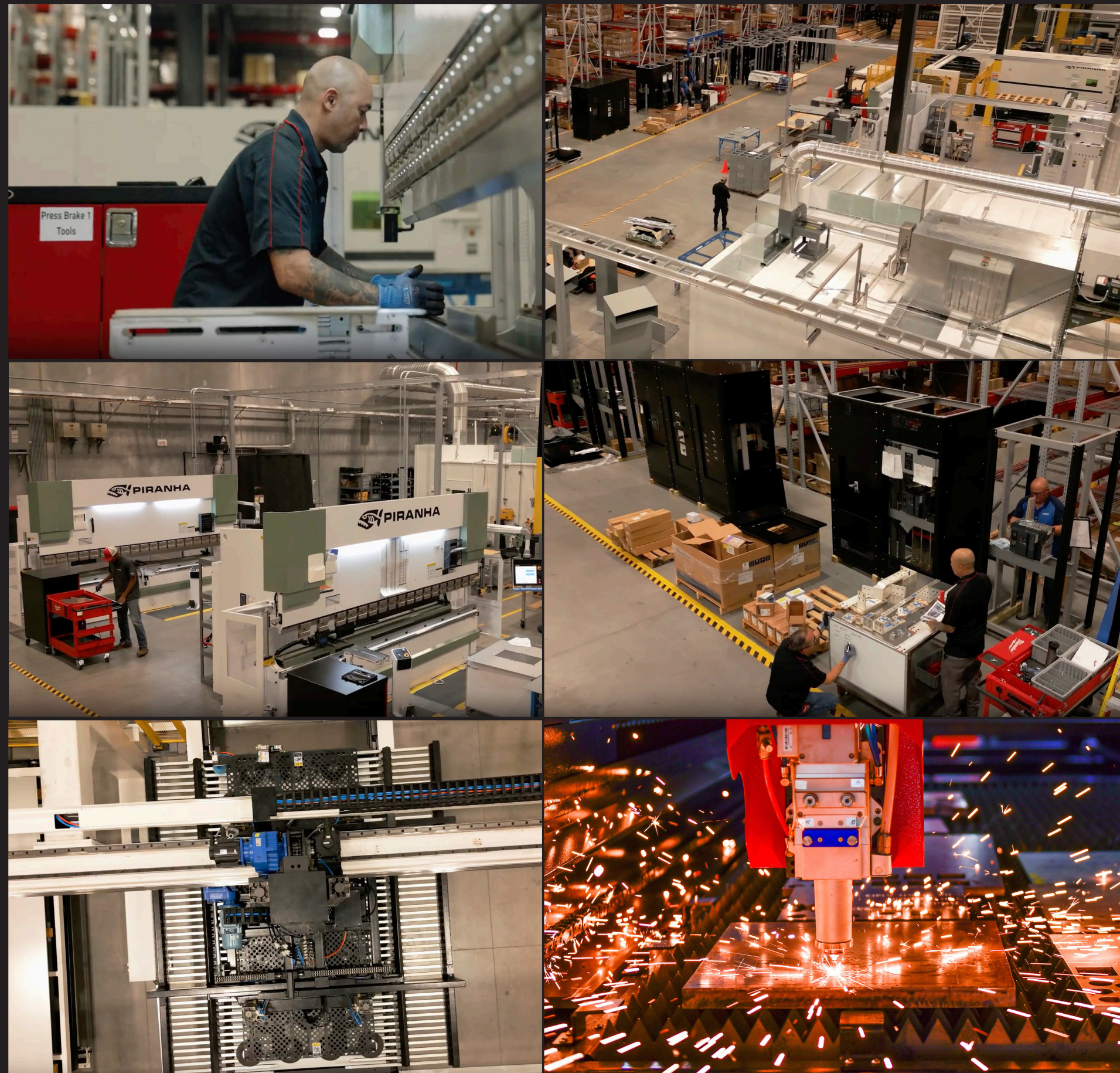


Tailored to construction development



Customized to fit your needs

Professionalism, Innovation, and Care from Submittal to Installation



SUPPLY CHAIN & MANUFACTURING ACCURACY

Our 208,000-square-foot manufacturing and prefabrication facility allows us to streamline the supply chain, controlling material costs and lead times. We ensure consistent supply and dependable delivery to meet project demand with a robust inventory of materials, product stock, and the industry's highest quality manufacturing equipment.

OUR MACHINES

- 2 Piranha 12kW Lasers: One Dedicated to Copper, One to Steel
- 2 Piranha 180 Ton Hydraulic Press Break for Metal Bending and Sheet Fabrication
- Powder Coating Bay and Drying Oven
- High-Potential Testing Equipment
- 60,000 Square Feet Assembly and Manufacturing Bays

OUR PROGRESS

With industry-leading lead times, components and equipment in inventory, and Power Design staff at every stage, we assure speed and project visibility across project development. No distribution chain of contacts to chase, just one contact and one location of components and manufacturing. We even welcome progress visits to see your equipment being built.

OUR FREIGHT FLEET

Power Design's two new semi-trucks ensure smooth, on-schedule deliveries to job sites nationwide—no third-party logistics required. By handling transportation in-house, we maintain full control over timing, quality, and care, giving you greater reliability and peace of mind from start to finish.



POWER DESIGN	OTHER PROVIDERS
<div><div></div><div>Reliable delivery within 20 weeks</div></div>	<div><div></div><div>52–70-week average lead time with delays</div></div>
<div><div></div><div>Status transparency and tracking from submittals to energization</div></div>	<div><div></div><div>Delay letters with unclear project status</div></div>
<div><div></div><div>One point of contact for seamless updates</div></div>	<div><div></div><div>Dealing with distributors, manufacturers, plant managers, and service line reps – leading to multiple calls and loops to receive a simple update</div></div>
<div><div></div><div>Pre-Installation validation for quality and seamless install</div></div>	<div><div></div><div>On-site clashes, surprises, and installation hiccups</div></div>
<div><div></div><div>72-hour technician response time for any service-related needs</div></div>	<div><div></div><div>Waiting weeks to months for technical support</div></div>
<div><div></div><div>2 years capacity of products in inventory for expedited delivery</div></div>	<div><div></div><div>New and replacement products subject to original manufacturer wait times</div></div>
<div><div></div><div>18-month warranty, with extended coverage available</div></div>	<div><div></div><div>Typically a 12-month warranty</div></div>

DEPENDENCIES AND DELAYS WERE THE PROBLEM.

Our solution? Manufacture and supply products across the critical power chain 30+ weeks faster than the industry average.

Power up your project with our UL-certified:

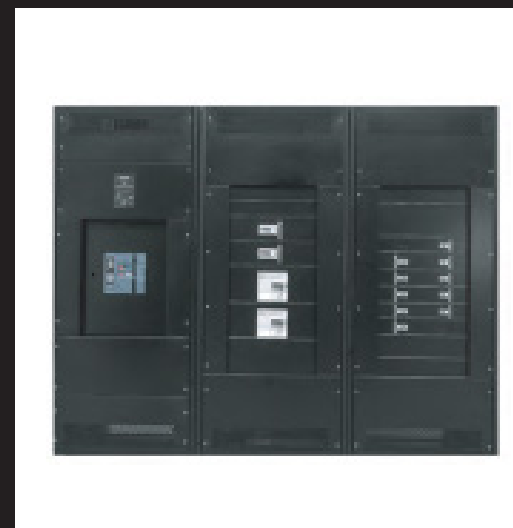
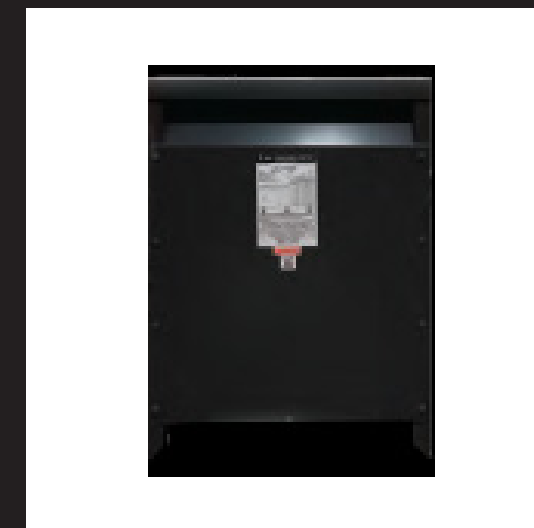
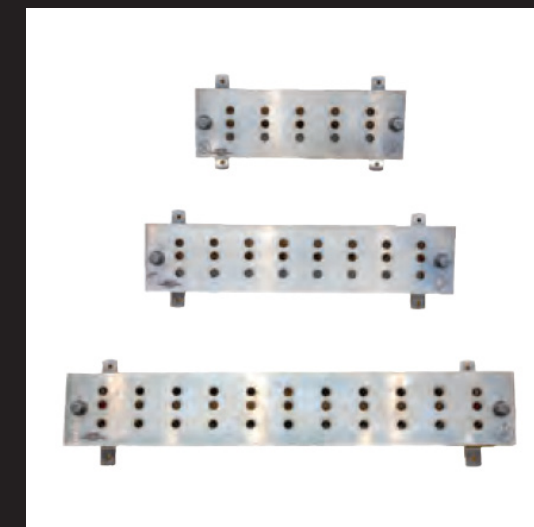
- Switchboards
- Transformers – Low Voltage and Medium Voltage
- Busway and Busway Sleeves
- Meter Mains and Meter Stacks
- Load Centers and Unit Panels
- VFDs
- Enclosures, Troughs, Junction Boxes, and Custom Brackets
- Ground Bar Assemblies for Telecom and Electrical Rooms
- Metal Clad Switchgear 5kv/15kv, UL Listed
- Bolted Pressure Switches 200 KAIC, UL Listed

COMING SOON:

- Bussed Troughway UL 1773

LS

ABB



VIEW OUR FULL LINECARD HERE

BUILT ON TRUST

UL-CERTIFIED

Our trusted products are certified by UL—the nation’s leading safety testing and evaluation agency. We physically evaluate and test each product for quality assurance and proactive resolution when needed. Items are coded, photographed, filed, and then stored in a protected environment until needed on the jobsite. Our fabrication and manufacturing processes have multiple layers of testing, evaluation, and quality control.



CONSTRUCTION & INSTALLATION READY

Our **Geared-Up Program** ensures your switchboard is tailored to the unique needs of your job before it arrives on site. Each of our switchboards has its installation Super/Foreman travel to our LINK manufacturing facility to validate their boards—making adjustments where necessary to ensure a seamless install without jobsite surprises.



WATCH OUR
GEARED-UP
PROGRAM
PROCESS

TRUSTED BRAND PARTNERSHIPS



TRUSTED BY LEADING DEVELOPMENT PARTNERS



ON PROJECTS DESIGNED BY LEADING FIRMS



CLICK HERE TO CONTACT OUR TEAM

Switchboard Overview Video



Geared-Up Program Process Video



Product Linecard

SPECIALTY MANUFACTURING
PRODUCT LINECARD

Power and Reliability, Without Delay

To take control of uncertainty and ensure our partners' success, we've developed our Specialty Manufacturing Division to deliver quality products customized to the needs of our partners, in industry-leading timeframes. Leveraging our years of expertise in Electrical Design-Build, we're delivering critical power, reliability,

Switchboards

- a. ABB, LS Electric, Square D Components
- b. UL 891 Listed
- c. 120/208V or 277/480V
- d. Up to 4000A
- e. Up to 100,000 KAIC Short Circuit rating
- f. NEMA 1 enclosures
- g. NEMA 3R enclosures coming soon

Enclosures, Troughs, and Junction boxes

- a. UL 50 Listed
- b. Powder Coated
- c. Custom sizes
- d. Screw or Hinged covers

Busways

- a. UL 857 Listed
- b. Up to 600V
- c. Up to 6000A
- d. Nema 1 or Nema 3R

powerdesigninc.us/manufacturingprefabrication

(Continued on Next Page)

Webpage

ABOUT SERVICES PROJECTS CAREERS NEWS & BLOG

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SPECIALTY MANUFACTURING & PREFABRICATION

MINIMIZE RISK, MAXIMIZE ASSURANCE

Increasing quality while reducing labor and material risks through our in-house manufacturing, prefabrication, and distribution capabilities.

The LINK: our own 208,000-square-foot manufacturing, prefabrication, and distribution facility allows us to streamline the supply chain, have increased agility, as well as monitor and manage material costs and lead times.

Specialty Manufacturing

UL 891 SWITCHBOARDS
Power and Reliability, Without Delay

To take control of uncertainty and ensure our partners' success, we've developed our Specialized Manufacturing Division to build our own custom switchboards. Leveraging our years of expertise in Electrical Design-Build, we're delivering critical power, reliability.

ADDITIONAL PRODUCTS
Critical Power Solutions at the Ready

We're supplying products across the critical power chain, with UL-certified switchboards, busways, panel boards, transformers, LPDs, enclosures, and more. Many in inventory, all with shorter lead times than industry standard.

[Check out our linecard of products](#)
[Learn more and order here.](#)

OUR GEAREDUP PROGRAM
Designed & Validated for Seamless Install

Each of our switchboards has its installation Superintendent travel to our LPA manufacturing facility to validate their boards—making adjustments where necessary to ensure a seamless install without costly surprises. Near from a PM & Distribution team who just finished evaluating their switchboards, just 6 weeks after their submittal.

Blogpost

ABOUT SERVICES PROJECTS CAREERS NEWS & BLOG

JOIN OUR TEAM EN / ES

JULY 22, 2024

CRITICAL POWER SOLUTIONS... READY, SET, LFG!

At Power Design, we don't just face challenges; we conquer them.

When supply chain setbacks and tight schedules threatened our progress, we took decisive action and turned potential setbacks into successes by expanding our **Specialty Manufacturing Division** - introducing Power Design's own switchboard and critical power components.

Recognizing the demand vastly outpaced supply across the critical power chain for major facilities, we took the development of switchboards and critical power equipment into our own hands and are now producing these complex products in-house, ensuring on-budget and on-time delivery for our partners, no matter the obstacles.

We have harnessed our design and build capabilities and teamed up with leading industry vendors to become the original equipment manufacturer (OEM) for panelboards, bus troughs, switchboards, and grounding bars—all built to UL Product Certification standards, the gold standard of electrical safety. This cohesive approach streamlines the quality, testing, and safety processes for everything we produce. Our Specialty Manufacturing team has also forged exclusive procurement partnerships, keeping our inventory stocked with transformers, meter mains, load centers, VFDs, bus ducts, and other equipment.

"We understand the importance of these components and the impact they make on the project lifecycle, which is why we needed an innovative solution for our clients," **Chief Operating Officer Joe Micallef** said. "When we face a challenge, we act quickly to remove the barrier and not just meet our clients' needs but exceed them. Our new critical power chain initiative will help us tackle some of the most pressing issues our customers are facing and will continue to face. Through this investment, we are taking control and ensuring the delivery of top performance, quality, and value on our job sites."

Beyond timeliness, this service brings the perks of cost reductions, reliable schedules, and more adaptable designs for projects of any size. Our UL-certified products and staff ensure we meet the highest industry standards and gives our Engineering Division the edge to tailor products to our partners' specific needs.

The critical power chain of a building spans the vertical distribution of power from the lowest level to the top floor. Without these essential components, building projects can't progress through the electrical phase and are at the mercy of the products availability.

By streamlining manufacturing and maintaining a robust inventory, we help keep project timelines on track by drastically reducing lead times on critical power components, preventing delays and ensuring seamless progress from start to finish. Even with the rapid turnarounds, we continue to exceed industry standard testing to ensure unmatched quality and reliability.

At Power Design, we don't just meet challenges—we redefine them.

Have a challenge you need our Specialty Manufacturing help with?
Let's talk about your needs today!

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