3B Protection

1005

364 Cypress Drive, Suite 102 Tequesta, FL 33469 561-277-9751 Paige Schwendeman

p.schwendeman@3bprotection.com 3bprotection.com

3B Protection specializes in high-security homes and infrastructure using advanced Smart Ballistic systems. Our solutions protect against gunfire, blasts, fire, and forced entry without sacrificing comfort or style. We also use recycled materials to reduce environmental impact, combining safety, sustainability, and thoughtful design to protect families, schools, and critical facilities.



Acme Tuckpointing & Restoration

124

849 Western Avenue North St. Paul, MN 55117 612-366-5109 Brian Norelius

bnorelius@acmetuckpointing.com acmetuckpointing.com

Acme Tuckpointing and Restoration is a commercial/industrial contractor that has provided exterior masonry facade repairs and restoration for over 70 years. We also provide services such as sealant removal and reinstallation on buildings to prevent water, air, and insect penetration. Our services include masonry tuckpointing, brick, block, and stone restoration/repair, thru-wall flashings system installations, caulking and sealant repair, paint removal, masonry structural repairs, restoration cleaning, water repellants, lintel replacement, and many other related services.

Acoustics Associates

338

10750 Xylon Avenue North, Suite 140 Brooklyn Park, MN 55445 612-226-0201 Brian Nenovich

bnenovich@aaimn.com acousticsassociates.com

Acoustical ceilings, Kwik-Wall operable partitions, Kwik-Wall operable glass walls, ceramic tile, Quiet Solutions acoustic wall panels and baffles, marker boards, carpet and resilient flooring, epoxy flooring, polished concrete, fluid applied flooring and base, sealed concrete, moisture mitigation.

Advanced Masonry Restoration, Inc. 135

2939 Yorkton Boulevard St. Paul, MN 55117 651-766-8080 Bob Miller

bmiller@advancedmasonry.com advancedmasonry.com

Complete masonry facade repair and maintenance for new and historical structures. Brick, stone, terra cotta, mortar, concrete, deck coatings, railings and parking ramp specialists.

AEC Resources

212

1013

10201 Wayzata Boulevard, Suite 340 Minneapolis, MN 55305 763-447-7700 Sam Teut

<u>samt@aecresources.com</u> <u>aecresources.com</u>

Recruiters for architecture. AEC Resources solves hiring needs for architecture firms. We provide exceptional talent for temporary and permanent positions. AEC Resources gives you access to a large network of architecture professionals for contract and direct-hire positions. We are Minnesota's leader for recruiting and staffing for all positions within the architecture industry.

Allegion

1000 Boone Avenue North, Suite 340 Golden Valley, MN 55427 952-412-3269 Jerrilyn O'Brien Jerrilyn.obrien@allegion.com us.allegion.com

We collaborate with the design team to deliver a quality, accurate specification that meets the project timeline and supports the functional and aesthetic objectives. We also provide multitude of services in pre-, and post- construction phases related to door systems and security.

Architectural Consultants, LLC 221

16947 81st Place North Maple Grove, MN 55311 612-423-9978 Tom House tom@archconus.com archconrep.com

Manufacturers' representative firm specializing in commercial roofing products and applications in Minnesota, North Dakota, and South Dakota.

Arrow Lift

1011

205 West Second Street, Suite 400 Duluth, MN 55802 218-306-2412 Kasey Yoder Kasey.Yoder@arrowlift.com arrowlift.com

Home elevators, limited use/limited application (LULA) elevators, vertical platform lifts, ADA lifts, dumbwaiters, material lifts, stair lifts.

Artisan Window and Door

324

109

12873 Industrial Park Boulevard Plymouth, MN 55441 763-312-0945 Derek Peterson derek@windowsalesmn.com artisanwindowanddoor.com

Trusted partner and supplier of thermally broken, all aluminum and wood interior windows and doors. We focus on delivering to custom builders and homeowners, and we assist architects in their design process.

Astro Metal Craft - Stellarcraft

Il059 Lamont Avenue Northwest Hanover, MN 55341 763-777-8087 Emmy Ross Emmy.r@astrometalcraft.com stellarcraftmetals.com

Astro Metal Craft manufactures high quality architectural metal products from stainless steel, aluminum and mild steel. Our collaborative design approach, combined with state-of-the-art equipment and highly skilled craftsmen, ensures that each job is delivered with high quality, precision, and timeliness. We also have a product line called StellarCraft, which is a collection of pre-engineered architectural metal products. These include guardrails, fences, screens, and perforated wall panels.

ATAS International, Inc.

1102

6612 South Snowdrift Road Allentown, PA 18106 800-468-1441 Kyle Ferenc kferenc@atas.com atas.com

A leading manufacturer of metal roofing, wall cladding, ceilings, perimeter edge metal, and accessories. ATAS proudly supports green building objectives with high performance solutions, such as solar-ready roof panels, insulated metal panels, cool roofing products, and solar air heating wall panels.

Baldwin Hardware/The Blackburn Company, Inc. 1106

4964 Highway 169 Service Road New Hope, MN 55428 612-850-2107 Rick Harker

rick@theblackburnco.com baldwinhardware.com

Baldwin Hardware offers door and cabinet hardware solutions in beautiful finishes and designs from traditional to contemporary, covering all of your design requirements.

Bayer Built Woodworks, Inc.

24614 Highway 71 Belgrade, MN 56312 612-743-7731 Holly Bayer hbayer@bayerbuilt.com bayerbuilt.com

Bayer Built Woodworks is a two-step distributor of millwork, selling exclusively to building product retailers. Our products are available through more than 850 dealers in Iowa, Minnesota, Nebraska, North Dakota, South Dakota, Wisconsin, Wyoming, and Montana.

Bell Structural Solutions 321

778 1st Street Northwest St. Paul, MN 55112 612-791-4738 Mike Lindsey Mike.lindsey@bellstructur

Mike.lindsey@bellstructural.com blpole.com/mass-timber

Mass Timber Experts: Bell makes every step of mass timber projects seamless for your team. From diverse species sourcing across North America, to custom designs and engineering, to timely manufacturing and delivery. We offer design-assist services to help architects and engineers navigate the unique opportunities and challenges of mass timber construction early in the design process.

Bens Structural Fabrication 106

475 Progress Road Waite Park, MN 56387 612-327-3390 Scott Follett Scott.follett@builtbybens.com builtbybens.com

Structural Steel Fabricator.

Benjamin Moore

101 Paragon Drive Montvale, NJ 07645 855-724-6802 Chris Drigans

<u>Chris.drigans@benjaminmoore.com</u> <u>benjaminmoore.com</u>

Benjamin Moore is a leading American paint manufacturer, founded in 1883 and now owned by Berkshire Hathaway. Benjamin Moore is known for high-quality, innovative coatings and eco-friendly products, such as Scuff-X, Aura, and Eco Spec. Benjamin Moore distributes through thousands of independent retailers across North America and globally.

C

ctamep.com

mncee.org

adoption.

125

Cain Thomas Associates, Inc.

3433 Broadway Street Northeast, Suite 475 Minneapolis, MN 55413 612-279-4200 Dave Carlson-McLagan info@ctamep.com

CTa is your highly responsive, detailed, full-service MEP consulting firm, also offering commissioning, energy modeling, and more. From multifamily to skilled nursing to residential rehab, we have done it all. Collaboratively engineered. Sustainable solutions.

Center for Energy and Environment 319

212 North 3rd Avenue, Suite 560 Minneapolis, MN 55401 612-335-5858 Phil Anderson panderson@mncee.org

Center for Energy and Environment (CEE) is a clean energy nonprofit with nearly 40 years' experience offering research, program development and implementation, community engagement, policy advocacy, and project financing. Areas of work represented include new construction consulting, ratings, and certifications and Wise Window Hub, which supports triple-pane window

CityScapes Architectural Innovations 104

4200 Lyman Court Hilliard, OH 43026 380-222-2331 Michelle Barth mbarth@cityscapesinc.com

cityscapesinc.com

336

316

CityScapes Architectural Innovations is a manufacturer specializing in designing, engineering, manufacturing, and installing high-quality, customizable architectural products. At CityScapes, we pride ourselves on enhancing the appearance of any structure or space with our diverse product lines including: roof screens (Envisor Rooftop Screens and Enclosures); dumpster enclosures and ground-level screens (Covrit Screening Systems); entrances (Marquee Canopies and Awnings); outdoor spaces (CityScapes Outdoors); architectural signage and digital displays.

Cladiator

1003

3114 Tonnelle Avenue North Bergen, NJ 07047 201-875-8449 Shawn Crouthamel Shawn.crouthamel@cladiator.com cladiator.com

CLADIATOR® is a premier manufacturer of thermally isolated structural cladding attachment systems, like CL-300, SLOTTED-Z, and ECO-SILL. Our mission is to advance smart building design and construction with our innovative and engineered rainscreen cladding systems, incorporating thermal break technology.

Coldspring

219

17482 Granite West Road Cold Spring, MN 56320 320-267-1297 Matt Reimer mreimer@coldspringusa.com coldspringusa.com

Coldspring is a granite quarrier and custom fabricator. We are a one stop shop for all of your granite needs.

Cornerstone Timberframes, Inc.

4737 County 101, Suite 235 Minnetonka, MN 55345 204-377-5000 Fern Friesen friesen@cstf.ca cornerstonetimberframes.com

Cornerstone Timberframes is a family-owned leader in mass timber and timber frame design, with over 30 years of experience creating beautiful, durable, and sustainable structures. From custom homes and heritage-inspired builds to modern commercial and public spaces, our passionate team blends timeless craftsmanship with cutting-edge innovation to deliver projects that truly stand out.

County Materials

1203 70th Avenue Roberts, WI 54023 612-477-2023 Melissa Reddington

Melissa.reddington@countymaterials.com countymaterials.com

County Materials is a trusted supplier of concrete products, from bridge girders to architectural masonry. As part of our Masonry Division, we're proud to exhibit our innovative masonry solutions at the conference.

D

DAVIS 123

305 Corporate Center Drive, Suite 150 Eagan, MN 55121 952-941-0410 Samantha Herrig

Samantha.herrig@davisassociatesinc.com davisassociatesinc.com

With over 55 years of expertise, DAVIS delivers best-in-class lighting and control solutions to architects, designers, and engineers across the Midwest.

Daylight Specialists

5001 Drew Avenue North Brooklyn Center, MN 55429 763-231-0882 Jeff May

jeff@daylightspecialists.com daylightspecialists.com

We are your go-to provider for top-down daylighting solutions, from initial design support to installation. We represent Solatube, Velux, Kingspan, and Lamilux product lines and cover the Minnesota, North Dakota, South Dakota, Iowa and Wisconsin.

Design Tree Engineering and Land Surveying

800 Washington Avenue North, Suite 610 Minneapolis, MN 55401 888-216-1916 Lisa Gill

<u>lrg@dte-ls.com</u> <u>dte-ls.com</u>

339

217

126

Design Tree Engineering + Land Surveying delivers integrated civil, structural, mechanical, electrical, sustainability, and surveying solutions that simplify collaboration for architects. Since 2006, we've partnered across private and public sectors to create future-ready designs that strengthen communities, balance the built and natural environment, and bring complex building visions to life.

Diamond Vogel

IIIO Albany Place Southeast Orange City, IA 51041 507-259-5867 Cullen Wolff

<u>Cullen.wolff@diamondvogel.com</u> <u>diamondvogel.com/architectural</u>

Formulated for the demands of professionals, Diamond Vogel | Architectural Coatings offers a full range of architectural and heavy-duty protective coatings that are right for your project. Whether you're a professional painter, property owner, home builder, architect, designer, or homeowner, when you team great paint, coatings know-how, and outstanding service, you have an unbeatable combination.

Diversified Construction

4931 East 35th Street
St. Louis Park, MN 55416
952-929-7233
Kristi Rowland
kristib@diversifiedconstruction.com
diversifiedconstruction.com

Diversified Construction is a mid-market general contractor well versed in retail, restaurant, healthcare, education, office/warehouse, and industrial. Diversified Construction performs both tenant improvement and ground-up projects.

Dunham Associates

50 South 6th Street, Suite 1100 Minneapolis, MN 55402 612-465-7550 Jake Armstrong

<u>Jake.armstrong@dunhameng.com</u> <u>dunhameng.com</u>

Your preferred partner providing high-quality engineering design and exceptional client service. Our work focuses on commercial, education, healthcare, mission critical, retail, and science + technology markets. We have over 140 professionals with offices in Minneapolis, Dallas, Raleigh, Rochester, and Sioux Falls.

Ε

306

139

224

Eagle Aluminum

238

50 South Medina Street Loretto, MN 55357 763-493-2995 Shawn Reese shawn@eagle-aluminum.com eagle-aluminum.com

Eagle Aluminum provides premium architectural trims for drywall, millwork, and wall coverings. We offer specialty anodized and powder-coated finishes, plus high-end angles, channels, reveals, and Z clips to elevate your design vision.

Emanuelson-Podas

205

7705 Bush Lake Road Edina, MN 55439 952-930-0050 Christopher Blissett cblissett@epinc.com epinc.com

Emanuelson-Podas is a full-service MEP/R engineering firm that makes amazing spaces possible. For more than 65 years, we've partnered with architects to intelligently bring air, power, light, and water to the places that matter. With a team of 100 designers and engineers, we deliver mechanical, electrical, plumbing, and refrigeration expertise across more than a dozen industry sectors. Our Building Performance Group adds another layer of depth—offering sustainable design, energy modeling, commissioning, and building controls services that ensure every system performs as beautifully as it's designed.

242

Energy Panel Structures

603 North Van Gordon Avenue Graettinger, IA 51342 712-859-3219 Tabitha Torreson

ttorreson@epsbuildings.com

EPS manufactures engineered buildings and offers various building packages, including residential, commercial, cold storage, livestock facilities, and shop/storage projects, all constructed by independent authorized builder/dealers.

Environmental Building Products 325

20545 Carson Road Excelsior, MN 5533I 952-380-0730 Mike Herbst mherbst@ebpmn.com ebpmn.com

Environmental Building Products brings over 40 years of experience in the commercial architectural market, serving as trusted representatives and technical advisors for high-quality, cost-effective, and environmentally focused building envelope solutions. We collaborate closely with innovative manufacturers to ensure robust, long-term performance of wall assemblies and provide expert guidance on all aspects of building envelope selection.

F

Factor AE

factorapp.com

110 West Main Street, Suite 200 Fort Wayne, IN 36802 206-609-8855 Leslie Heller Iheller@factorapp.com

Factor is built specifically for architecture and engineering firms and fills a major gap in the market – providing small to mid-sized A/E firms with simpler, more affordable software. The platform brings together project management, resource planning, time entry, invoicing and financial tracking into one streamlined platform that simplifies daily operations and allows for impactful business decisions

Fabcon Precast 222

8911 Columbine Road, Suite 150 Eden Prairie, MN 55347 800-727-4444 Michael Duch Michael.duch@fabconprecast.com fabconprecast.com

Fabcon Precast provides attractive solutions combined with thermo performance. Our structural precast goes up quicker, requires less maintenance, and gives flexibility for future alterations.

FinePoint Technology, LLC

416 Gateway Boulevard Burnsville, MN 55337 612-254-7462 David Soukup david.soukup@finepoint.tech finepoint.tech

216

FinePoint engineers audiovisual, network infrastructure, security, and low-voltage systems—no parts, just smarts. Technology consulting, design, programming, and commissioning for AV, WiFi, access control, CCTV, and building controls. From strategy through ongoing support, we're your complete technology engineering partner.

Floor & Décor

12575 Elm Creek Boulevard Maple Grove, MN 55369 612-643-4381 Mandy Stratton

 $\underline{mandy.stratton@flooranddecor.com}\\ \underline{flooranddecor.com}$

Floor & Decor is a leading specialty retailer of hard surface flooring, offering tile, wood, stone, and more at everyday low prices. We provide free design services to help bring your vision to life and exclusive Pro Services to support contractors and industry professionals.

Framery

4300 Woodland Cove Parkway Minnetrista, MN 55331 612-812-1266 Trista Leach trista.leach@framery.com framery.com

215

Framery's soundproof pods provide a quiet retreat in a variety of environments, from offices to healthcare facilities, and schools to industrial and manufacturing plants. These versatile pods create a peaceful space for focused work, private conversations, and small meetings, boosting productivity and well-being.

G

214

1112

G & J Awning and Canvas, Inc.

1802 13th Avenue NE Sauk Rapids, MN 56379 320-255-1733 Angela Gaffke

angie@gjawning.com gjawning.com

G & J Awning and Canvas designs, manufactures, and installs high-quality commercial and residential awnings. From custom fabric solutions to durable canvas products, we enhance curb appeal, provide shade, and deliver long-lasting protection. Our expert team also offers repairs, custom designs and graphics to keep your awnings looking their best.

GAF III

1 Campus Drive Parsippany, NJ 07054 973-628-3000 Tom Griffin thomas.griffin@gaf.com gaf.com

Commercial/industrial and residential roofing products.

Н

1008

H Window Co, LLC

401 l7th Avenue West Ashland, WI 54806 715-685-2793 Brice Aarrestad, AIA

designassist@hwindow.com hwindow.com

H Window is a leading manufacturer of windows, doors, and timber curtain walls for architects, builders, and owners who demand the very best in beauty, quality, and energy performance.

Combining H Window's innovative products with their collaborative design experts enables project teams to implement extraordinary design achievement. Beautiful. Enduring. Revolutionary.

H+U Construction

5555 West 78th Street, Suite A Minneapolis, MN 55439 952-941-0075 Andy Hoffmann

ahoffmann@hu-construction.com hu-construction.com

H+U Construction provides innovative construction management services, solving complex projects since 1983. H+U offers a full suite of planning and construction services tailored to meet clients' specific goals. H+U has built or improved over 20,000,000 square-feet of space and completed more than 500 multi-million-dollar projects on-schedule and within budget.

Henricksen 314

800 North Washington Avenue Minneapolis, MN 55401 612-597-5396 Barbara Brick b.brick@henricksen.com henricksen.com

Henricksen is a full-service dealership representing 400+ manufacturers of furniture, flooring, lighting, and architectural solutions. Since 1962, we've delivered projects from a single chair to full facilities, serving clients across corporate, government, healthcare, education, hospitality, senior living, and more—always exceeding expectations with tailored, high-quality solutions.

Hillesheim Architectural Products 229

Faribault, MN 55021 507-412-9244 Rick Hillesheim rick@hap-inc.net hap-inc.net

Representing the glass and glazing industry:
Apogee Architectural Metals / EFCO (and
Legacy Wausau) wIndows / Tubelite storefront
entrances-curtain wall - window wall; Aluflam fire
rated aluminum and glazing; Solar Innovations
folding - sliding - stacking Glass Wall Systems
- Greenhouse/Conservatory structures, Air
Performance louvers - customer sunshades.

Ι

130

Imagine IT

2901 Metro Drive, Suite 201 Bloomington, MN 55425 952-224-2900 Collin Weekly

cweekly@imit.com imit.com

Imagine IT is a regional managed IT services provider with deep experience partnering with architecture, design, and construction firms. We align technology strategy, cybersecurity, Microsoft 365, and AI-driven tools to help your business scale, increase collaboration, and protect intellectual property — so your technology becomes a growth engine, not a headache.

IMEG Corp.

800 Washington Avenue North, Suite 640 Minneapolis, MN 55401 612-540-5000 Seth Spychala seth.d.spychala@imegcorp.com imegcorp.com

IMEG delivers broad expertise of a national leader with the personal relationships and deep collaboration of a local firm. Our work prioritizes performance and efficiency. Our team is equipped to handle full-service engineering projects of all sizes and complexities. Together we create positive outcomes for people, communities, and our planet.

Inspec

5801 Duluth Street Minneapolis, MN 55422 763-546-3434 Jason Popovich jpopovich@inspec.com inspec.com

Inspec is an independent engineering and architectural consulting firm specializing in building enclosure components, including roofs, walls, windows, waterproofing, pavements, and outdoor athletic facilities. Inspec offers a full range of services including design/design review, building enclosure commissioning (BECx), construction observation and administration, customized asset management programs, failure investigations, and more.

Intectural

1007

120

1025 London Road Duluth, MN 55802 877-970-7877 Jason Peterson jason@intectural.com intectural.com

Intectural is a leading distributor of premium, sustainable architectural materials. We are dedicated to providing high-quality products from industry-leading manufacturers who share our commitment to innovation, conservation, and design excellence.



310

JTH Lighting Alliance

114

6885 146th Street West Apple Valley, MN 55124 952-223-6300 Jon Kirkhoff jonk@jthlighting.com

jthlighting.com

JTH Lighting Alliance is a nationally respected lighting and lighting controls manufacturer's representative working in the states of Minnesota, North Dakota, South Dakota, Wisconsin and Michigan's Upper Peninsula. Our commitment to form an alliance between manufacturers, designers, suppliers, and contractors while offering the best products from a wide range of leading manufacturers makes us unique within the industry.



227

Kafka Granite

1010

550 East State Highway 153 Mosinee, WI 54455 800-852-7415 Paul Mathis pmathis@kafkagranite.com kafkagranite.com

Kafka delivers some of North America's most spectacular natural stone from the earth's surface to homes, commercial properties, and parks, having grown from a supplier of decomposed granite into one of the most diverse and robust manufacturers of specialty aggregates, building stone, and hardscapes.

Kafka Granite—natural stone. Groundbreaking solutions.

Kline-Johnson & Associates, Inc.

10650 Red Circle Drive Minnetonka, MN 55343 612-859-5533 Chris Anderson

chris@kline-johnson.com kline-johnson.com

Kline-Johnson & Associates, Inc. provides sales and technical support for Amrize Building Envelope products and systems. This includes Elevate, GenFlex, Gaco, and Ox Engineered product brands. We also represent Kemper Cold Fluid Applied Waterproofing Systems, York Flexible through wall flashings, Exo Surfaces continuous insulation framing systems, rain screen framing systems and cladding systems, United States Gypsum Structo-Crete structural concrete panels and USG's Securock Roof Cover Boards.

Kolbe Gallery Twin Cities

7545 Washington Avenue South Edina, MN 55439 866-460-4403 Lance Premeau

lance.premeau@kolbegallerytc.com kolbegallerytwincities.com

Kolbe Gallery Twin Cities is your local dealer of Kolbe Windows & Doors. Our showroom features displays of Kolbe's wood and aluminum clad windows & doors. We're proud to provide American-made, artisan-quality Kolbe windows and doors to the Twin Cities area.

Konik | Technical Talent Network 121

945 Broadway Street Northeast, Suite 240 Minneapolis, MN 55413 651-697-1020 Tom Goettl tom@koniknetwork.com koniknetwork.com

Konik connects top engineering, architecture, and manufacturing talent with leading companies across the Twin Cities and surrounding areas. We specialize in contract, contract-to-hire, and direct hire placements—helping businesses build skilled teams and professionals find rewarding careers. Locally owned and trusted for over 50 years.

L

102

330

Larson Engineering, Inc.

3524 Labore Road White Bear Lake, MN 55110 651-481-9120 Ann Skeie

askeie@larsonengr.com larsonengr.com

Larson Engineering is a consulting engineering company that specializes in structural, civil, curtain wall, and mechanical process engineering. Our projects encompass new designs and remodels of commercial, industrial, institutional and residential construction, as well as fall protection, material handling systems and plant expansions.

LED Inspirations

12851 Jones Road Houston, TX 77070 832-717-2710 Kristi Delgado kristi.delgado@ledinspira

kristi.delgado@ledinspirations.com ledi.lighting

LEDI creates innovative lighting solutions that transform commercial and residential spaces. By combining technology with design, we create products that transform spaces. Each solution is tailored to meet specific needs, ensuring seamless integration and a lasting impact. With expert support every step of the way, we make it easy to reimagine any environment. Inspire your space with lighting that brings your vision to life.

Longboard Architectural Products 1104

120-1777 Clearbrook Road Abbotsford, BC V2T 5X5 262-433-8669 Jay Hoeppner jhoeppner@longboardproducts.com longboardproducts.com

Longboard offers premium extruded aluminum solutions for interior and exterior applications. We promote sustainability, innovation, and quality in aluminum architectural products, from exterior siding and soffit systems to interior acoustical ceiling structures. High-quality materials are used for the powder-coating and sublimation process to achieve woodgrain, solid color, and specialty finishes.

Loucks

230

313

12755 Highway 55, Suite R100 Plymouth, MN 55441 763-424-5505 Susanne Miller smiller@loucksinc.com

loucks is a premier, go-to multidisciplinary consulting firm that inspires clients to make the best use of their land. Our broad experience across sectors combines understanding and foresight with

analytical, creative thinking to get better projects

off the ground. Learn more at www.loucksinc.com.

Lumentruss9221 Edison Street

333

Montreal, Quebec HIJ 1T4 855-384-3384 Andrew Shebath andrew@lumentruss.com lumentruss.com

Lumentruss is a manufacturer of custom linear architectural lighting solutions. Our precision LED lighting platforms seamlessly integrate into the built environment, incorporating light as a building material, and bring your designs to life.

Lutron Electronics / MRL Company 303

2408 Territorial Road St. Paul, MN 55114 612-331-2457 Molly Lee mlee@mrlcompany.com

mlee@mrlcompany.com lutron.com/us/en Lutron Electronics delive

Lutron Electronics delivers world class lighting, shading, and controls solutions for residential and commercial projects. The company's products include dimmers, switches, sensors, motorized shades, and automated lighting control systems. Lutron's lighting control systems allow users to adjust the brightness of lights and control their shading products remotely, creating energy-efficient and customizable lighting environments. Lutron's innovations have been widely adopted in homes, offices, schools, hotels, restaurants, and other spaces around the world. They are known for their commitment to quality and energy-saving technologies, contributing to the advancement of smart lighting solutions.

M3Sixty

1389 Cope Avenue East Maplewood, MN 55109 651-202-2660 Kelly McCarty kelly@m3-sixty.com m3-sixty.com

M3Sixty is a dynamic and innovative group of design professionals dedicated to providing architectural product solutions to the construction industry. We represent the highest quality architectural materials and combine this offering with the specific technical knowledge to assist your project from concept through to completion.

Marcus Construction

2580 Highway 12E Willmar, MN 56201 320-222-6616 Stacy Petersen

s.petersen@marcusconstruction.com marcusconstruction.com

Established in 1956, Marcus Construction is a family-owned general contractor boasting a diverse portfolio including commercial, educational, healthcare, senior living, financial, restaurants, retail, industrial projects and more. Fueled by a team of construction experts, we are committed to customer service and project excellence.

Marvin

401 State Avenue North Warroad, MN 56763 218-452-3421 Brandon Jordt brandonJordt@marvin.com marvin.com

As people spend more time indoors, we recognize that our work isn't just about building better windows and doors, it's about opening new possibilities for how people live, work, think and feel inside a Marvin space.

Since the day we opened our doors in 1912 as a family-owned and -led cedar and lumber company, we've looked for ways to help people live better. We continue to evolve by raising the bar, building quality, beauty and simplicity into people's everyday lives.

MCE (Michaud Cooley Erickson)

333 7th Street, Suite 1200 Minneapolis, MN 55402 612-339-4941 Matthew Paul

209

119

307

marketing@michaudcooley.com michaudcooley.com

We are a full-service MEP engineering firm. We pride ourselves in providing high quality mechanical, electrical, lighting, fire protection, technology systems, commissioning and energy management solutions to facilitate efficient operation of systems.

McElroy Metal

1500 Hamilton Road Bossier City, LA 71111 318-747-8000 John Atkinson

jatkinson@mcelroymetal.com mcelroymetal.com

McElroy Metal markets metal roofing, siding, and substructural products. Shop in one stop for all of your thru-fastened panels, architectural standing seam systems, and accessories needed for your project. McElroy has fourteen manufacturing facilities and twenty-nine Service Centers across the United States, ready to serve you.

Midland Door Solutions

West Fargo, ND 58078 701-277-8836 Philip Mathias philip@midlanddoorsolutions.com midlanddoorsolutions.com

10217th Street Northeast

We manufacture and install designer bi fold and hydraulic doors including the counter swing door. We have doors locally on the Depot and Viking museum.

Minneapolis Glass

9300 Decatur Drive North Brooklyn Park, MN 55445 612-889-6470 Matt Horovitz matth@minneapolisglass.com minneapolisglass.com

Manufacturing Better Business: Minneapolis Glass Company is a woman-owned glass fabricator and glazing contractor that designs, globally sources, and installs customized glass solutions. With 80+ years of innovation in construction and manufacturing, we make doing business a little bit easier and a lot more predictable.

Minnesota Builders Exchange

ds@mbex.org

mbex.org

107

237

236

317

3800 American Boulevard West, Suite 780 Bloomington, MN 55421 612-381-2620 David Siegel

MBEX is the region's resource for commercial construction plans and partnerships. We are a hub for professional exchange. From project information to business insights and first-time bids to long-term partnerships, we make it easier to find the work and the people to support construction businesses.

MN Concrete & Masonry Contractors Association 335

1305 Corporate Center Drive, Suite 320 Eagan, MN 55121 651-633-6774 Mark Severson

mseverson@mcmca.com mcmca.com

Formed in 1964, the MN Concrete & Masonry Contractors Association. Is a nonprofit trade association comprised of 90 concrete & masonry contractors and related companies doing business in MN.

Molin Concrete Products Company 308

415 Lilac Street Lino Lakes, MN 55014 651-786-7722 Erik Molin erikm@molin.com molin.com

Founded in 1897, Molin Concrete Products is a proud designer, manufacturer and installer of precast/prestressed concrete components serving the 7-state Midwest region. Molin Concrete specializes in precast concrete components: hollow core planking, precast/prestressed beams and columns, precast stadia, and architectural and structural precast wall panels.

MP Lighting, Inc.

16 West 4th Avenue Vancouver, British Columbia V5Y IG3 604-708-1184 Blair Smith

blair.s@mplighting.com mplighting.com

MP Lighting is a lighting manufacturing company based in Vancouver, BC. MP Lighting is committed to producing sophisticated luminaires inspired by its surroundings, with the perfect merge of contemporary design and European-inspired aesthetics. With a background in engineering, the founder leads the company towards crafting and perfecting high-quality & high-performance products that require minimal maintenance once installed. Since its establishment in 1994, MP Lighting has grown and developed its portfolio from Low Voltage Lights and Multi-Circuit Track Systems to over 200 LED fixtures that are produced in-house to ensure optimal quality control.

Mule-Hide Products

1105

ll95 Prince Hall Drive Beloit, WI 53511 608-365-3111 Tanya Walker tanya.walker@mulehide.com mulehide.com

With a history of providing weather-tested roofing products, MuleHide offers a diverse range of low-slope roofing solutions. We work closely with contractors to ensure optimal performance. This includes providing installation best practices and techniques, individualized training and customized service and support. MuleHide is your premier low-slope roofing partner, and the name trusted in roofing since 1906. More information is available at www.mulehide.com.

Musco Lighting

129

100 1st Avenue West Oskaloosa, IA 52577 952-529-8281 Brock Carstens brock.carstens@musco.com musco.com

Musco has shaped the history of sports lighting since 1976. The company's TLC for LED technology delivers unmatched light quality, control, efficiency, and reliability.

N

331

NanaWall

100 Meadowcreek Drive Corte Madera, CA 94925 415-383-8148 James Hannigan

james.hannigan@nanawall.com nanawall.com

For us, design is as much about how it looks as how it works. For over 30 years, we have been leading the industry in developing and refining our glass door systems to create solutions that visually harmonize with space, transform the architectural experience, and provide decades of enduring performance.

NCS Corporation

7440 West 78th Street Bloomington, MN 55439 612-876-5690 Samantha Lehner

samantha.lehner@ncscor.com

Established in 1948, North Central Sales is a manufacturers' representative agency that is committed to exceeding the expectations of the brands we represent and the customers we serve. Our diverse team of professionals employ ethical consultative sales skills to build and maintain strong relationships with our manufacturers, wholesalers, specifiers, and contractors.

Nelson-Rudie & Associates, Inc.

400 Highway 169 South, Suite 500 Minneapolis, MN 55426 763-367-7600 Eric Nelson eric.nelson@nelsonrudie.com

nelsonrudie.com

Nelson-Rudie is a 100% employee-owned consulting engineering firm offering structural, mechanical, electrical, plumbing, and refrigeration services. From ice rinks and aquatic facilities to medical clinics and senior housing campuses to retail stores and office buildings, you'll find evidence of our work across the country. (Nelson-Rudie is a certified SBE by the Central Certification Program - CERT.)

Nor-Son Construction

233

1103

7900 Hastings Road Baxter, MN 56425 218-839-5572 Mark Korte

113

 \mathbf{III}

220

mark.korte@nor-son.com nor-sonconstruction.com

Founded in 1978, Nor-Son Construction, LLC is a premier construction management and general contracting firm with a strong reputation for delivering high-quality, innovative, and costeffective building solutions. Headquartered in Baxter, MN, with an additional office in Eden Prairie, MN, we serve clients throughout the Upper Midwest. Our commitment to craftsmanship, collaboration, and customer satisfaction has established us as a trusted partner in the industry for 47 years across the Midwest. With us, you are free to step back and watch your business thrive.

Northern Sourcing, Inc./Oxbow Hardwoods

4584 Island Lake Drive Duluth, MN 55803 218-221-6202 Andrew Richey

 $\frac{and rew@northernsourcinginc.com}{northernsourcinginc.com}$

Northern Sourcing and Oxbow Hardwoods provide high quality hardwood flooring products sourced from the world's best manufacturers and present them to the design build, architect, and interior design community.

NV5 231

1295 Bandana Boulevard North St. Paul, MN 55108 651-634-0775 Robert Wasik robert.wasik@nv5.com nv5.com

NV5 is a global engineering and consulting firm in both the private and public sectors. From infrastructure engineering to building design and technology, our project portfolio demonstrates success in major market sectors around the world.

Р

Peikko USA

525 East Mifflin Street Lebanon, PA 17046 888-734-5561 Colin Butler

colin.butler@peikko.com peikkousa.com

Peikko is a privately-owned company founded in 1965 and is headquartered in Lahti, Finland. Peikko supplies a large selection of concrete connections and composite beams for both precast and cast-in-place solutions in a wide variety of applications. Peikko's innovative solutions make your construction process faster, safer, and more sustainable.

Pella Windows & Doors

9100 Wyoming Avenue North, Suite 550 Brooklyn Park, MN 55445 952-915-6080

Caroline Murray murrayc@pellamn.com

pella.com

For 100 years, Pella has set the standard for quality, design, craftsmanship, and service. Your local Pella team collaborates with architects to create unique commercial and residential solutions. We match our extensive product offering with your needs for high-quality, high-performance windows and doors. Pella is always innovating, and new product lines feature thermally broken aluminum products, bi-fold and pass-thru products, and automation options for awnings and multi-slide doors. Pella recently introduced the Steady Set Interior Installation System - the fastest, most labor efficient window installation system available.

PMY Group

140 Third Street North Stillwater, MN 55082 651-705-1250 Jiggs Lee jiggs.lee@pmygroup.com

pmygroup.com

Formerly True North Consulting Group - PMY
Group is a global entity engaged in empowerin

Group is a global entity engaged in empowering technology, intelligence, and experience for education & public sector projects, sports & entertainment, stadiums & venues, and retail & media. Common services are audio/video design, data/voice/wireless cabling infrastructure design, and security design.

Pulse Products

6130 Blue Circle Drive, Suite 100 Hopkins, MN 55343 715-294-0147 Jack Lalim jack@pulseproducts.com pulseproducts.com

Pulse Products is a lighting manufacturers rep agency showcasing our decorative and architectural lines and products.



122

203

Quaker Windows and Doors

504 US Highway 63 South Freeburg, MO 65035

800-347-0438 Scott Romens

sromens@quakerwindows.com quartzluxurywindows.com

Quartz Luxury Windows and Doors by Quaker blend timeless elegance with cutting-edge OptiCore and SolidCore technologies, offering unmatched thermal efficiency, durability and sleek design. Customizable finishes and expansive glass options create sophisticated, energy-efficient solutions for high-end homes that define luxury with style and performance.



11111

Rapids & Affiliates

2475 Doswell Avenue, Suite B St. Paul, MN 55108 612-542-7033 Steve West steve.west@gorapids.com rapidscontract.com

Rapids Contract & Design creates, equips and delivers exceptional foodservices spaces where communities come together. Rapids partners with design of new or existing foodservice operations with design, energy and labor savings equipment and provides start to finish project management expertise.

REHAU

334

320

110

1501 Edwards Ferry Road Northeast Leesburg, VA 20176 701-799-9131 Judy Schwark judy.schwark@rehau.com

rehau.com/us-en/millwork

Edgeband: We pay attention to the details just like you. Decades of perfecting our craft in polymers, pigments and print wheels have earned REHAU the reputation of the best surface-to-edge matchmaker in the industry. Surfaces: Craft made-to-measure spaces that transport you to soulful places. From surface to edge, RAUVISIO engineered materials set you apart.

Rochester Concrete Products

1009

7200 Broadway Avenue Rochester, MN 55906 507-288-8850 Keith Ehmke; Joe Dubois keith.ehmke@rochestercp.com joe.dubois@rochestercp.com rochestercp.com

Rochester Concrete Products manufactures innovative, high-quality concrete products: Interlock dry-cast pavers, GeoCeramica composite slabs, Silver Creek wet-cast landscape tiles, Rockwood segmental retaining wall systems and Recon big block retaining wall systems.

Rulon International

208

2000 Ring Way St. Augustine, FL 32092 904-584-1400 Brandon Hatley bhatley@rulonco.com rulonco.com

Rulon International is a leading manufacturer of suspended wood ceilings, wood walls and acoustical wood ceilings and walls.

SAFTI FIRST, represented by MGR Group

1002

100 North Hill Drive, Suite 12 Brisbane, CA 94005 888-653-3333 Randy Zucker randy@mgrgroup.net safti.com

SAFTI FIRST® is a USA-based, vertically integrated manufacturer of advanced fire-rated glass, framing, doors, and curtain walls up to 2 hours. UL and Intertek listed, our customizable systems offer multi-threat protection, energy efficiency, and NFRC-certified performance-meeting Buy America requirements and holding exclusive IGCC and NFRC CMA certifications.

Scenic Sign Corporation

305

828 South 5th Street Sauk Rapids, MN 56379 612-239-6624 Daryl Kirt daryl@scenicsign.com scenicsign.com

Scenic Sign is a custom sign manufacturer that specializes in uniquely innovation and high quality sign solutions. Sales, design, manufacturing, and service all under one roof.

Schuler Shook

204

219 SE Main Street Minneapolis, MN 55414 612-339-5958 Michael DiBlasi mdiblasi@schulershook.com schulershook.com

Creative, efficient and maintenance-friendly architectural lighting design. Theatre planning for theatres, ballrooms, education, and event center planning (programming, sightlines, lifts, lighting systems and stage rigging). Audio video design for performance, communications, immersive environments, exhibits and digital cinema.

Schu Marketing

226

8400 Wyoming Avenue North, Suite 200 Brooklyn Park, MN 55445 763-593-5616 Sara Koos

architecturalsales@schumarketing.com schumarketing.com

Schu Marketing has been leading the way with some of the finest manufacturers in the plumbing, heating, industrial, and architectural markets for over 30 years. Proud to be an employee-owned manufacturers' representative agency, we attribute our success to our dedicated team of employee owners. Our territory includes Minnesota, Iowa, Nebraska, North Dakota, South Dakota, Wisconsin, Kansas, Missouri, and the Upper Peninsula of Michigan.

Scranton Products

210

801 East Corey Street Scranton, PA 18505 219-309-4722 Mike Burke

mburke@scrantonproducts.com scrantonproducts.com

Manufacturer of toilet partitions, HDPE/plastic lockers, shower stalls, HDPE/plastic benches, vanities, etc.

Sierra Pacific Windows 337

11605 Reading Road Red Bluff, CA 96080 800-824-7744 Mark Wallace

mwallace@spi-ind.com sierrapacificwindows.com

Sierra Pacific Windows offers a wide selection of energy efficient aluminum clad wood windows for residential and commercial projects. Our product lines range from custom expansive windowscapes, to high quality windows that provide high performance.

Soderholm and Associates

1110

7150 143rd Avenue Northwest Ramsey, MN 55303 763-427-9635 Richard Powers richard.powers@soderholmrep.com soderholmassociates.com

Soderholm will be representing MagicPak at this year's AIA show. MagicPak is an all-in-one HVAC solution perfect for the space conscience architect and the performance driven engineer in the multifamily space.

Sonus Interiors

108

5825 Excelsior Boulevard St. Louis Park. MN 55416 763-225-6299 Sarah Gruber sarahg@sonusinteriors.com

sonusinteriors.com

With over 35 years of expertise, Sonus Interiors delivers comprehensive commercial interiorfinishes solutions-from design and FF&E to installation of specialty ceilings, flooring and window-treatments. Serving the Midwest and beyond, we integrate premium products like Microlite and NOVAWALL® to craft highperformance, aesthetically refined environments.

SPEC Athletic

323

2951 Marina Bay Drive, Suite 130 #491 League City, TX 77573 469-416-2577 Tim O'Neill tim@specathletic.com specathletic.com

SPEC Athletic partners with architects and designers to deliver high-performance athletic flooring and locker solutions for K-12, higher education, collegiate, and recreational facilities. We combine premium materials, expert craftsmanship, and seamless project management to bring athletic spaces to life.

Stahl Construction

105

861 East Hennepin Avenue Minneapolis, MN 55414 612-940-0807 Cathy Schmidt cschmidt@stahlconstruction.com stahlconstruction.com

Stahl partners with architects to deliver proactive, tailored preconstruction and construction services that ensure on-time delivery and maximized value. With expertise in commercial general contracting and construction management, we align with your design intent-providing reliable execution, competitive pricing, and personal attention to support your vision from concept to completion.

Stoneworks Architectural Precast/ Cast Stone

206

PO Box 738 Elk River, MN 55330 763-633-2200 Kirt O'Konek sales@stoneworksap.com

stoneworksap.com

Minnesota

Cast Stone Institute and National Precast
Concrete Association Plant Certified Operations
- design assistance at your request! Stoneworks
is a local manufacturer of architectural precast
& architectural cast stone located in Elk River.

Sun Control of Minnesota

1004

2425 Rice Street
Roseville, MN 55113
651-335-0172
Karissa Dunham
karissa@suncontrolmn.com
suncontrolmn.com

At Sun Control of Minnesota, we believe in creating more than just satisfied customers – we build lasting relationships. Whether you're looking to enhance your car, home, or business, our team collaborates closely with you to bring your vision to life. From innovative window tinting to eyecatching decorative films and graphics, we provide tailored solutions and unparalleled service every step of the way.

Surfacing Solution

318

2100 Stoughton Avenue Chaska, MN 55318 952-448-6566 Derrik Cole derrik@surfacingsolution.com

surfacingsolution.com

Surfacing Solution is your leader in wall surfacing solutions, specializing in solid wood tambour, real wood veneer tambour, acoustical tambour, and wide plank wood paneling.

SVL

2920 Centre Pointe Drive Roseville, MN 55113 651-481-8000 Duane Rothstein duaner@svl.com svl.com

SVL, Inc. is a Midwest equipment manufacturer's representative providing HVAC solutions to scale for over 50 years. Striving to provide premier solutions that integrate into every project. Through humble beginnings and maintaining a small business mentality, SVL knows the value of customer relationships. Which is why they go the extra mile to exceed expectations. As you work through the design, selection, installation and operation processes, SVL will guide you every step of the way. When you work with SVL you are one team with one mission.

Synergy Products

131

7176 Shady Oake Road Eden Prairie, MN 55344 952-224-2202 Chad Mayes

team@synergy-trt.com synergy-trt.com

Synergy Products partners with architects, builders, and designers to deliver premium window and door solutions. From concept to completion, our team provides deep product expertise, specification support, and project coordination—building collaborative relationships that help achieve design intent, performance, and enduring quality.

T

Taracon Precast

326

6189 170th Street North Hawley, MN 56549 701-370-0615 Casey Stremick

 $\underline{casey.stremick@taraconprecast.com}\\ \underline{taraconprecast.com}$

Taracon Precast, based in Hawley, MN, manufactures high-quality architectural and structural precast concrete products including wall panels, hollowcore slabs, double tees, beams, columns, and stairs. They serve Midwest construction markets with customizable, durable, and aesthetically refined solutions from commercial, industrial, and residential projects.

1012 Tarkett Sports / FieldTurf USA, Inc. 232

175 North Industrial Boulevard Northeast Calhoun, GA 30701 418-931-8421 Mathieu Martel mathieu.martel@tarkettsports.com

tarkettsports.com/en-na

Tarkett Sports is a world leader in sports construction and surfacing, offering architectural design, full-scope construction services, and a comprehensive portfolio of industry-leading sports surfacing systems. From start to finish, we provide a seamless, turnkey experience—delivering world-class projects.

TCC Materials / Amcon Masonry 301

2025 Centre Pointe Boulevard St. Paul, MN 55120 651-686-4255 Mark Reichenbach mreichenbach@tccmaterials.com

tccmaterials.com

TCC Materials, we are a leading manufacturer with offerings in specialty packaging, masonry, and hardscaping industries. Our manufacturing facilities are located in Minnesota, Wisconsin, North Dakota, South Dakota, Iowa, Nebraska, Kansas, Georgia, Pennsylvania and New Hampshire, providing the United States and Canada with pre-mixed concrete, mortars, grouts,

Hampshire, providing the United States and Canada with pre-mixed concrete, mortars, grouts, tile products, concrete repair products, hardscape products, masonry products, and decorative landscape solutions.

True North Facades

213

800 Park Drive Owatonna, MN 55060 612-246-0133 Matt Krier matt@truenorthfacades.com viracon.com

True North Facades is an manufacturers rep firm representing various premium glass and glazing products including Viracon, DeSCO, Sentinel, LTS, Freemarq Innovations, Armor Apply, Orazen, etc.

U

USAI Lighting

usailighting.com

1126 River Road New Windsor, NY 12553 845-565-8500 Darrin Stone darrins@usailighting.com

USAI Lighting is dedicated to staying ahead of the technology curve and effectively translating the needs of specifiers into forward thinking, high performing and beautiful lighting products. We believe that less is more and continue to develop small and compact cutting-edge products that deliver increasing performance and energy savings – solving even the most complex challenges faced by specifiers today.



W. L. Hall Company

530 15th Avenue South Hopkins, MN 55343 952-937-8400 Brent Hall bhall@wlhall.com wlhall.com

Contract glazing, windows, skylights, translucent panels (Kalwall), Modernfold and Skyfold operable walls, McKeon, Smoke Guard and Syntegra fire doors. Barrisol and Marlite interior finish systems, Tate Access Flooring.

Wausau Tile / Origin Stone

3915 Morningside Road Edina, MN 55416 707-507-9610 Pete Janda pjanda@janda-associates.com wausautile.com

Manufacturer of terrazzo tile, precast terrazzo, architectural precast concrete, precast concrete pavers/pedestals on grade, and site furnishings in concrete, metal and plastic. Custom colors and finishes are our specialty. Orijin Stone is a natural stone fabricator specializing in interior and exterior stone tile, pavers custom counter tops, sinks, fireplace surrounds.

Weather Shield Windows & Doors

1 Weather Shield Plaza Medford, WI 54451 715-748-2100 Julie Davies julie.davies@weathershield.com weathershield.com

Weather Shield delivers high-performance, customizable products for residential and commercial projects. What began in Central Wisconsin has grown into one of the nation's leading window and door manufacturers. Decades of dedication to quality and continuous improvement have helped build lasting relationships with homeowners, builders, architects, and distributors across the country.

Wells

103

117

329

210 Inspiration Lane Albany, MN 56307 800-658-7049 Gary Pooley gary.pooley@wells.build wells.build

For those ready to build without limits, Wells offers boundary-pushing building systems and services grounded in regional connections. Together we can transform your bold ideas into inspiring realities that stand the test of time.

The Western Group

3950 NW Saint Helens Road Portland, OR 97210 844-894-2724 Brian Greenwood architecture@thewesterngroup.com architecturalwire.com

We are US manufacturers of a wide variety of metal wire and perforated plate screens for architectural and landscape designs. Our standard and customizable offerings include: railing infill, security, shading, decorative cladding and vine trellising panels "Living Screen". Visit us to learn more...we're "Open to Your Ideas"!

Willdan

235

137

5800 Baker Road, Suite 100 Minnetonka, MN 55345 952-938-1588 Sam Miller smiller@willdan.com energyassistance.willdan.com

For over 30 years Willdan has delivered industry-leading energy solutions that transform how commercial, multifamily, and civic buildings use energy. We collaborate with design teams and building owners on new construction and major renovation projects, providing tailored energy analysis to improve performance. Through utility programs, Willdan offers complimentary energy design assistance consulting.

Woodstone, Inc.

228

2361 West Highway 36
Roseville, MN 55113
952-808-8662
Faith Gilbertsen
fgilbertsen@woodstoneinc.com
woodstoneinc.com

We are a Native-owned general contractor that provides construction management, preconstruction, design build and bid build services



315

Xcel Energy

1006

414 Nicollet Mall
Minneapolis, MN 55401
800-481-4700
Business Solutions Center
energyefficiency@xcelenergy.com
mn.my.xcelenergy.com/business/new-buildingprograms

Xcel Energy powers millions of homes, businesses and communities with safe, affordable electricity, and natural gas. We're an industry leader in delivering renewable energy, reducing carbon, and other emissions, and we're the first major U.S. power company to announce its vision to provide customers 100% carbon-free electricity by 2050.