

Manufacturing Candidates

Chair Candidates

Corey Geiger, Chief Operating Officer, Enstall – Page 2

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Vice Chair Candidates

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September 23, 2025

ATTN: SEIA Nominating Committee

Please accept my application for the Chair position of the SEIA Manufacturing Division. This year's application process requires a personal statement from the candidate that addresses several questions. This application has two parts: 1) answers to the nine specific questions; and 2) additional information that might be of interest to the Nominating Committee.

1. Why do you want to serve on the SEIA Board of Directors?

Starting at the June 2024 SEIA Board meeting, I served the remainder of the current term of the Chair of the Manufacturing Division, which had been vacated by my predecessor. In the 15 months that have passed, I have been an active contributor to SEIA policy, strategy sessions, and other various events, especially talking with lawmakers on Capitol Hill in January 2025 and again in June 2025 as SEIA was making a push to save solar incentives in the run-up of the OBBBA. I would very much like to continue to serve both the Board and the members of the Manufacturing Division for a complete 2-year term.

I chaired my first monthly Manufacturing Division membership call in July 2024, shortly after the first elective safe harbor language for the IRA Domestic Content Bonus Credit had been released. I worked tirelessly with SEIA staff and did my best to reach out to Division members to ensure that they were informed in a timely manner, and that their voices and concerns were heard by SEIA staff. Since my tenure started, we have enjoyed significantly higher member attendance and engagement at monthly meetings and at the RE+ Division meet-up: I credit this in part due to my continuous efforts to ensure that the content that we serve membership is timely, relevant, cogent, and material to helping members to pilot their business strategies to weather the churn of federal policy changes that have marked the entirety of my tenure.

2. What experiences and viewpoints, which may be currently underrepresented, will you bring to the SEIA Board of Directors?

My company supports the Distributed Generation solar space as a designer and manufacturer of primarily rooftop PV mounting solutions - a space in which I have personally worked for almost the entirety of my 13+ year career in solar. As our activities span residential, commercial, community, and (even a little) utility-scale solar, our company is part of multiple value streams that involve tax equity finance; project development, and a wide range of EPCs and installers. The breadth of the customer demographic that my company serves positions me to seek solutions that work for the "little guy" as much as for larger and better-resourced players in the solar project value stream.

I also bring two years of experience working for a microinverter startup, during which we established a manufacturing footprint capable of scaling with market growth; and another 2+

years working in DG distribution responsible for deciding which technologies we would incorporate in our portfolio. I therefore bring exceptional breadth of experience to the table; making me able to bridge gaps and look for policy positions that serve the broadest of constituencies in an Association that is itself a very big tent.

3. What strengths and expertise will you bring to the SEIA Board of Directors?

I'm a fast learner and a good active listener. In the last year and a half, I have also learned that I'm good at deciphering federal policy and figuring out strategies to make it work for both our industry and for the American people at large. Though I don't seek the limelight, I'm always ready to engage with friend, foe, and government alike to try to move the cause of American energy independence forward. I have even been investing time with SEIA's partners, Signal, to improve my ability to promote the cause in more public ways.

4. How will your service on the SEIA Board of Directors advance the solar and storage market

I would like to continue to serve the broad membership of the Manufacturing Division, doing my best to ensure that we assist the members as much as possible through sharing information, making resources available to them, and engaging them 1-on-1 to strengthen their businesses through this chaotic time. Since I joined SEIA, I have been able to establish myself, especially to the installers and financiers in the residential and C&I sectors, as a trusted advisor on matters such as IRA Domestic Content and FEOC - I credit my membership on the Board and my commitment to the Manufacturing Division for allowing me to help others.

Additionally, I'm one of only a few Board members that resides in Nevada, which itself is finding its way through the shifting winds of federal policy. I can be of more help to SEIA in the state through showing up in person to help move SEIA's positions forward.

5. What has been your involvement in the solar and storage industry (or related sectors)?

I have been actively employed in the solar and storage industry since June 2012 in various executive-level roles. My employers have included a distributor of full-stack solar and storage solutions for DG solar; a microinverter startup; and a designer and manufacturer of primarily DG PV solar mounting solutions.

6. What has been your involvement in SEIA to date? This may include, but not limited to, SEIA working groups and standards committees.

I personally got involved in SEIA in February 2024 as an alternate to a current Board member. I took the Manufacturing Division chairmanship in June 2025. Since June 2025 I have been a member of the Codes & Standards Committee, the Nominating Committee, and the Trade and Regulatory Affairs Committees. I attended and contributed at the 2024 policy strategy session; I have supported SEIA and GSREIA staff at the Jan'25 and June '25 Capitol Hill engagements with congressional staff and senate & congressional leadership.

7. Have you been a board member of any other trade associations or relevant organizations? If yes, please provide the name of the organizations, number of years of service, and any positions held.

No

8. For Division Chair or Vice Chair candidates, how will you represent the needs of division members?

Please consult prior answers to questions 1-4. I have now seen close-up how two very different presidential administrations can profess a commitment to bring solar manufacturing back to US soil, while acting in manners that achieve the opposite goal. As the COO of a manufacturer and the current Chair of the Manufacturing Division, I'm committed to leading my own company and helping other companies to thrive in whatever set of circumstances that might be applied to our industry.

9. Is there any other information that you believe would be helpful to the Nominating Committee or SEIA members?

My entire 13-year career in DG solar has revolved around product & portfolio management, supply chain management and manufacturing. To learn the industry's value chain, I started in the distribution business and then migrated to OEMs. I am in my eighth year performing at the Chief Operating Officer level, architecting and re-architecting global supply chains to adapt to the shifting sands of US federal trade policy and emerging sustainability requirements coming out of both the EU and the US. The variety of companies that I have worked for (and with) has obliged me to learn and appreciate the diversity of business models and supply chains that the solar industry intrinsically possesses: modules, inverters, racking, and BOS do not share upstream supply chains because both their technologies and the exogenous political dynamics do not impact them in the same ways. Each has unique challenges to face and opportunities to leverage, and each industry merits that SEIA develops a thorough understanding for and tailored approach to supporting their specific needs and points of leverage. Because of the diversity of my experience and my contributions after one year in the chairmanship, I believe that I remain an excellent choice for Manufacturing Division Chair.

Very truly yours,



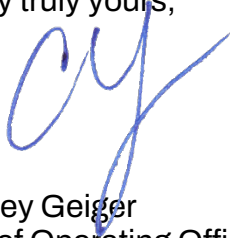
Corey Geiger
Chief Operating Officer
Eninstall US, Inc.

September 21, 2025

ATTN: SEIA Nominating Committee

Please accept my application for the Chair position of the SEIA Manufacturing Division. This year's application process requests that the candidate provide a copy of their Curriculum Vitae. As I have worked with the same family of companies for nearly 9 1/2 years, the most up-to-date information regarding my work history and current activities can be found by consulting my LinkedIn profile at <https://www.linkedin.com/in/coreygeiger/>

Very truly yours,



Corey Geiger
Chief Operating Officer
Enstall US, Inc.

Ayesha Dar
Honeywell

Personal Statement

I believe that the most impactful work is done at the nexus of purpose and profitability. Over my career, I've had the privilege of building a track record at the forefront of policy, regulation, and corporate social responsibility. I'm driven by a conviction that a strong moral compass is the ultimate guide to creating long-term value, for both a company and society. It is this passion for impactful, values-driven work that inspires me to seek a seat on the SEIA Board, where I can help shape the future of clean energy.

Serving on the SEIA Board would be more than just a professional milestone, it would be the realization of a lifelong commitment to making meaningful, lasting change in the world. For years, I have been driven by a deep desire to align my work with a higher purpose: to create a more sustainable, equitable future through the advancement of clean energy. Having the opportunity to contribute at the board level, alongside leaders who share my values and a collective determination to act boldly for the greater good, is not just an aspiration; it's a dream come true.

This role represents a powerful convergence of my personal mission and professional experience. It would allow me to bring my voice, my values, and my energy to a platform where real impact is made; where strategy meets action, and where vision is transformed into tangible progress for communities, businesses, and the planet alike. Being part of the SEIA Board means standing at the forefront of one of the most critical movements of our time, and I am ready to serve with purpose, urgency, and unwavering commitment.

My commitment to sustainability extends far beyond boardrooms and bottom lines; I am deeply passionate about expanding access to renewable energy in underprivileged and underserved regions of the world, and it starts with the United States! Clean energy should not be a privilege –It should be a right. I view it as a moral imperative to ensure that the benefits of solar and sustainable technologies reach communities that have historically been left behind in the energy transition. Whether through policy advocacy, strategic partnerships, or innovation-driven solutions, it is my mission to contribute meaningfully to a more equitable and sustainable future, wherever and whenever I can.

As a Middle Eastern and Asian woman, I bring a lived experience that is deeply underrepresented in the renewable energy space, particularly at the leadership level. Growing up, I was a direct victim of energy insecurity. I experienced frequent load shedding as a child, where power outages weren't just inconveniences; they were routine disruptions that shaped how families lived, how children learned, and how entire communities functioned. Those experiences didn't just leave an impression; they lit a fire in me that has guided my life's mission ever since.

Ayesha Dar
Honeywell

Personal Statement

I bring to the SEIA Board a global, grounded perspective that reflects and resonates with the underprivileged world, regions where energy access is still unreliable or nonexistent, and where clean, affordable solar power has the potential to be truly transformative. I believe solar energy should not be politicized or profitized to the point that it becomes inaccessible. Solar is the cheapest form of energy available today, and we have a moral obligation to ensure it is accessible to *everyone*, not just those in well-resourced, grid-connected parts of the world.

By joining the SEIA Board, I would advocate for a more inclusive, globally conscious approach, one that keeps equity and access at the heart of our clean energy transition. I understand firsthand what energy poverty looks like, and I am committed to making sure that solar isn't just a tool for climate mitigation or economic growth, but a vehicle for dignity, opportunity, and empowerment for those who need it most.

I bring an unapologetic, values-driven style of leadership rooted in service, authenticity, and unwavering integrity. I lead with clarity and courage, guided by a deep belief that doing the right thing is non-negotiable, especially when it's uncomfortable. With a global perspective shaped by lived experience across diverse regions, I understand the urgency and complexity of delivering clean energy equitably. My strength lies in combining strategic vision with honest, principled action: always in service of people, purpose, and long-term impact. On the SEIA Board, I will be a bold, honest, and globally minded advocate for a more just and sustainable energy future.

I want to be considered for the Manufacturing Division Chair. I will lead with inclusive and collaborative leadership, recognizing that U.S. manufacturing cannot succeed in isolation. A thriving solar industry depends on strong alignment across all divisions, and I believe unity must be at the core of every SEIA Board member's work. As Chair, I will advocate fiercely for domestic manufacturers, U.S. job creation, and policies that support American innovation while ensuring our efforts are coordinated, strategic, and reflective of the broader industry's success.

My service on the SEIA Board of Directors would advance the solar and storage market by bringing a fierce, informed, and science-driven voice to the table. I will champion smart, forward-thinking policy, particularly with an intense focus on state-level legislation that directly impacts market growth. I am also deeply committed to advancing sustainability across the product life cycle of PV modules, including advocating for stronger collaboration with chemical agencies to ensure that the material science behind PV innovation is protected, responsibly managed, and future-proofed.

Ayesha Dar
Honeywell

Personal Statement

My involvement in the solar industry has been hands-on and proactive. I've lobbied on Capitol Hill during key policy moments like HR1, and I've worked exhaustively to support our customers in shaping business strategies that are resilient, scalable, and aligned with future regulatory landscapes. I bring both technical understanding and market insight to every conversation.

With SEIA, I've been actively engaged, attending events such as Solar Sisters, the Women's Luncheons, RE+, and the Tax and Finance Seminar. These experiences have helped me connect across the entire solar value chain and deepen my commitment to SEIA's mission. I'm ready to take that involvement to the next level and serve with impact, insight, and unwavering dedication.

I am confident that my experience in translating complex policy into strategic business execution, combined with my commitment to a values-driven approach, will be a significant asset to the SEIA Board of Directors. I am not just seeking to serve; I am seeking to contribute to a sustainable, equitable, and profitable future for the solar and storage industry. I am eager to collaborate with fellow board members and SEIA's leadership to advance our shared mission and ensure the industry remains a driving force for positive change.

Ayesha Dar

914-486-0895

Executive MBA Candidate at Columbia Business School '27

dar.m.ayesha@gmail.com

PROFESSIONAL PROFILE

Dynamic global leader with extensive experience managing multi-million-dollar portfolios in pharmaceutical industry, medical devices, and life sciences. Proven track record in driving new product development, organic and inorganic growth, and market expansion strategies across diverse regions. Expert in guiding and delivering strategic advice to senior leadership on compliance, risk management, and market opportunities. Recognized for strategically navigating regulatory landscapes, ensuring timely product launches, and fostering innovation and sustainability in highly regulated industries. Adept at leading cross-functional teams to execute complex regulatory strategies, ensuring alignment with FDA, EU MDR/IVDR, ISO, and other global standards. Veteran Regulatory Affairs professional pivoted career to Business Development, Sales & Offering Management.

CORE COMPETENCIES

- New Product Development Strategy & Execution.
- Product Management.
- Market Analysis, Market Sizing, Customer Segmentation & competitive Analysis.
- Determination of Total & Serviceable Addressable Markets (TAM/SAM).
- Lean Six Sigma Green Belt.
- Commercialization and Go-to-Market Strategies.
- Project Management.
- Product Lifecycle Management.
- Regulatory Compliance & Quality Assurance.
- Mergers & Acquisitions (M&A) Advisory.
- Natural Leader & Strong Communicator.
- Working knowledge of US GAAP and IFRS.
- Angel investor and advisory board member for startups with successful exits.

EXPERIENCE

HONEYWELL INTERNATIONAL | MULTIPLE ROLES

2022 - Present

Global Market Development Manger & Offering Manager, Morris Plains, NJ (2023 - Present)

- Spearhead a \$250M global business portfolio, fostering strong client relationships, ensuring product continuity & stability, and driving business development through strategic initiatives.
- Executed 60M in sales in North America and grew sales pipeline by 100+ new opportunities.
- Governed and mediated talks on contracts, negotiations, and pricing for new clients.
- Lead a team of 5 direct reports, guiding strategy and execution of New Product Development (NPD) to secure 20% of portfolio growth outside core business areas.
- Drive a major \$34M growth project for solar program, performed thorough market research analysis, presenting business cases (TAM/SAM), and navigating leadership buy-in through rigorous pressure testing and challenge resolution.

Global Lead, Product Steward, Life Sciences, Morris Plains, NJ (2022 - 2023)

- Manage a \$400M global portfolio in pharmaceutical packaging and medical devices, ensuring compliance with regulatory, quality, safety, and toxicology standards across multiple regions.
- Develop and implement global regulatory strategies for new product development in healthcare, meeting aggressive timelines and driving product innovation.
- Serve as primary global contact for life sciences division, supporting both existing products and new innovations while advising senior leadership on regulatory frameworks.
- Play a pivotal role in executive decision-making for mergers and acquisitions, providing critical insights on compliance, safety, and strategic fit.
- Oversee compliance testing through strategic study designs (USP 1663/1664, ISO 10993, EU Food Contact Testing), while owning Drug Master File approvals and regulatory submissions to global agencies.
- Monitor global regulatory intelligence, collaborating with Government Relations and external legal counsel to ensure alignment with evolving legislation and future business strategy.

CHURCH & DWIGHT INC.**Person Responsible for Regulatory Compliance**

2019 - 2022

- Global regulatory lead on all medical devices and in-vitro diagnostics
 - Lead integration of mergers and acquisitions for various global brands such as Waterpik, Flawless, and Therabreath
 - Thorough understanding of EU MDR/IVDR compliance and all that it pertains (CE Mark, UDI, CER, Risk Management)
 - Knowledgeable on Mexico (COFEPRIS), Australia (TGA) and Canada (Health Canada) regulations
 - Expert on FDA medical device regulation and 510k process
 - Proficient in product registration requirements for EMEA, LATAM and APAC markets.
- Lead cross-functional teams in providing a rigorous regulatory strategy to ensure compliance
 - Participated in and led discussions on product risk-based approach to design and development
 - Involved in risk management activities for all devices
 - Guided to implement a tactical and compliant quality management system
 - Reviewed artwork, authenticated translations, and substantiated product claims
- Other brands with proficient regulatory knowledge:
 - Food supplements – successful launch of food supplements in the European market
 - Cosmetics: Aerosols, Hair Removing Creams, Hair Growth Products
 - Personal Care: APDEO, Nasal Mist, Oral Care
 - Household: Surface Cleaners, Detergents (liquid, powder, and unit dose), cat litter
 - Electromechanical: Electric toothbrush and flossers.
- Act as SME during regulatory authority audits
 - Successfully represented global regulatory departments in four different regulatory agency audits
 - Act as front room SME, Scribe and Back Room support
 - Participate in critical audit readiness meetings and produce global databases used as point of reference during audits

REVLON**Regulatory Specialist, Global Markets (2017 - 2019)**

- Advised regional regulatory leadership for medical devices and in-vitro diagnostics, ensuring compliance with EU MDR/IVDR, FDA regulations, and market requirements for EMEA, LATAM, and APAC regions.
- Expert in regulatory processes for CE Mark, UDI, CER, Risk Management, 510k submissions, and international regulations for COFEPRIS, TGA, and Health Canada, supporting 100M portfolio.
- Collaborated with cross-functional leads to develop regulatory strategies, control product risks, implement compliant quality systems, and approve product claims, artwork, and translations.
- Launched food supplements in Europe and governed regulatory compliance for cosmetics, personal care, household, and electromechanical products, expanding market share by 12%.
- Served as SME during regulatory audits, representing global regulatory teams in four agency audits, providing front room support, and leading audit readiness with global databases.
- Served as subject matter expert for Brand Distributor Managers across Asia Pacific, Latin America, and EMEA, ensuring timely registration and re-registration of products.
- Upheld confidentiality agreements and global regulations while liaising with international distributors and regulatory bodies.
- Compiled and submitted regulatory documents to international Ministries of Health, ensuring all country-specific requirements are met.
- Reviewed and approved raw materials and product formulas for domestic and international compliance in both existing and new product launches.
- Oversaw product libraries and communication with the Personal Care Products Council (PCPC) to stay updated on US and international safety guidelines.
- Collaborated with cross-functional teams and provide support to marketing teams on claims, safety, and packaging, ensuring adherence to company policies and regulations.

KASHIV PHARMA**Senior Regulatory Associate II, CMC**

(2015 - 2017)

- Prepared key regulatory documents, including Product Development Reports, Quality Overall Summaries, and Stability Protocols, adhering to company and compliance standards.

- Filed four ANDA filings, maintaining strict timelines and addressing FDA Information Requests, Complete Response strategies, and Refusal to Receive notices.
- Deep knowledge of FDA, CDER, CFR, ICH, 505(b)(2), and ANDA submission guidelines, ensuring compliance in regulatory filings and post-approval procedures.
- Led change controls, deviations, and CAPA execution, collaborating with Formulation, Technical Services, and Quality Assurance teams while proficient in ISIWriter, Adobe, eCTD, and QUMAS.

EXXON MOBIL

Microbiology Research Scientist

(2014 - 2015)

- Spearheaded two classified high-visibility projects, managing technical and research tasks with minimal supervision.
- Conducted experiments mimicking seawater chemistry to enrich deep-sea microbial cultures for community analysis and study microbial interactions with crude oil.
- Developed innovative methods to grow anaerobic biofilms, testing microbial-induced corrosion in pipelines and oil tankers while proposing solutions to prevent corrosion and toxic cleanups.
- Gained expertise in advanced techniques, including Ion Chromatography, Gas Chromatography, Helium Ion Microscopy, HPLC, and anaerobic/aerobic microbial culturing.

JOHNSON & JOHNSON

Raw Materials Scientist

(2014 - 2014)

- Led raw material qualifications for consumer products Neutrogena, Aveeno, and Johnson's, ensuring alignment with regulatory standards.
- Oversaw multiple business continuity projects to prevent supply disruptions and production shortages of commercial goods.
- Resolved high-risk production crises and manage urgent non-conformances within strict deadlines, driving OTIF audit reporting by 80%.
- Documented raw material qualifications through global change controls and technical justifications, adhering to technical writing standards.
- Collaborated with cross-functional teams, coordinate pilot batches at manufacturing sites, and conduct in-house stability studies while ensuring compliance with cGMP, cGDP, and cGLP in an FDA-regulated environment.
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EDUCATION

COLUMBIA BUSINESS SCHOOL, New York, NY
Executive MBA, Healthcare & Entrepreneurship

NORTHEASTERN UNIVERSITY
M.S., Regulatory Affairs

RUTGERS UNIVERSITY
B.S., Biochemistry

ADDITIONAL INFORMATION

Multi-lingual, Six Sigma Black Belt certified, Avid Reader, Self-Proclaimed Best Chef, Sports Lover, World Traveler.

Dear SEIA Nominating Committee,

I am honored to present my candidacy for Vice Chair of the Manufacturing Division at the Solar Energy Industries Association (SEIA). With 15 years in the solar industry, my career has followed a diverse and unconventional path—spanning hands-on construction, product development, executive leadership, and civic engagement. This breadth of experience, combined with a strong commitment to diversity and inclusion, equips me to contribute meaningfully to SEIA's mission and to serve our members with perspective and purpose.

Strengths from a Unique Journey

My background, professional accomplishments, and journey on the "Solar Coaster" has equipped me with a breadth of experience that spans our rich industry ecosystem:

- **SEIA Board and Division Leadership Experience:** I am proud to be completing a monumentally fulfilling and educational first term as the Vice Chair of the Manufacturing Division. Our division and its leadership have been recognized for our member participation, quality of content, and engagement. We've also been instrumental in conceiving initiatives across other divisions such as the Division Leadership meetings held at the Board of Directors meetings.
- **Industry Sector Experience and Collaboration:** My experience spans the residential, commercial and utility sectors of solar, and my collaborations and network span the breadth and depth of the solar ecosystem. As part of my various roles, I've collaborated with companies across the solar value chain, including residential installers, utility scale developers, EPCs, module, inverter, tracker, mounting, storage and balance of system manufacturers. Similarly, I've actively collaborated with Authority Having Jurisdictions (AHJs) and Test and Standards bodies.
- **Professional Roles and Executive Leadership:** My experience as Vice President of Engineering at Vesper and Director of Product for Unirac has sharpened my skills in strategic planning, innovation, and industry leadership. I have directed initiatives large and small: from utility scale project development to residential product innovation.
- **Civic Leadership:** As a 2023 graduate of the Leadership Albuquerque Program, I engaged with civic leaders, policymakers, and business executives to address key challenges in New Mexico's economy and community. I participated with a select cohort of other civic leaders to gain a deep understanding of issues that impact the economic growth and quality of life in our city and the state of New Mexico.
- **From the Field to the Board Room:** Deep roots in the construction trade have provided me with a unique perspective of the solar industry. A family tradition of career professional carpenters instilled a respect for the trades and knowledge for building with my own two hands. I have walked the roofs and fields, installed solar arrays, and learned from the ground up. Early on, I played a pivotal role in the solar software sector, pioneering some of the first online design tools for solar. With my background in mechanical engineering, I've led solar product development, engineering and manufacturing functions. Finally, in my role as VP of Engineering at Vesper, I direct the design and development of multi-hundred-megawatt utility scale solar and storage projects.

This extraordinary journey through our diverse sector has equipped me with a unique perspective on the challenges manufacturers face, and how those challenges impact the entire industry.

A Commitment to Diversity and Inclusion

Diversity and representation are not only principles I uphold but also a personal commitment I bring to SEIA. My commitment to diversity extends beyond my professional journey and into my personal identity:

- **Latino Heritage:** As a Latino professional, I bring a unique perspective to the table, representing the Southwest and the challenges faced by communities like Albuquerque, New Mexico.
- **Solar Tradition in Albuquerque:** Albuquerque has a rich tradition in the solar industry, with manufacturing companies like Unirac, Array Technologies, DPW (PLP), Schott Solar, and Advent Solar. I am proud to represent and continue this legacy and the spirit of innovation it embodies.
- **Renewable Energy and Manufacturing and Community Investment:** With renewable energy and manufacturing identified as core economic development clusters for my state, I am deeply invested in advancing our industry as a pathway to address persistent community challenges such as poverty, crime, and education.

A Vision for SEIA and Solar Manufacturing

As the Manufacturing Division Vice-Chair, I will continue to champion inclusivity, innovation, and sustainability in solar manufacturing. I am committed to strengthening SEIA's role as a driver of economic opportunity and as a leader in advancing a resilient, sustainable energy future.

In closing, I am grateful for your consideration and humbly ask for your support. I look forward to continuing to serve SEIA and working together to build a brighter, more diverse future through solar. Thank you for your consideration.

Sincerely,



Ernest Gallegos
Vice President of Engineering and Technical Services
Vesper Energy

Ernest Gallegos

Vice President of Engineering and Technical Services

About Me

I am an engaging leader with a proven record of building high-performing teams, driving change, and delivering transformational results. My career blends the strategic vision of a corporate executive, entrepreneur, and product manager with the technical expertise of a mechanical engineer, software solution developer, and hands-on experience in the construction trades. This uncommon breadth of experience allows me to connect business strategy with technical execution, aligning people, resources, and data to create tools and systems that elevate the performance of engineering organizations.

Contact	Education	Key Competencies
505-459-0604 ern.gallegos@gmail.com Albuquerque, NM Linked In	Master of Engineering Management New Mexico Institute of Mining and Technology Bachelor of Science, Mechanical Engineering University of New Mexico	Process and System Design Strategic Planning & Execution Team Leadership & Management Product & Project Management Mechanical Engineering Software Development

Experience

Vesper Energy • Vice President of Engineering and Technical Services

Aug 2024 - Present

Leader of the project development engineering organization, comprised of Development Engineering, Interconnection & Transmission, and Technical Services departments. These groups execute the design and optimization of utility scale solar and storage projects, manage the interconnection status, evaluate the transmission grid and implement internal reporting automation and process improvement initiatives.

Unirac Inc. • Director of Products

2011 – Aug 2024

Member of the corporate leadership team, directing the strategy of the company and leading the day-to-day operations. Lead the Products group (both product development and product management) whose role is to manage, define, engineer, develop, launch and enhance the entirety of Unirac's product offering.

Other Roles at Unirac

- Senior Product Manager, 2015 – 2018 - Product manager of residential racking products and digital tools
- Senior Product Development Engineer, 2013-2014 - product development engineer and project manager responsible for leading development of new to the industry railless product category
- Software Development Manager, 2011-2013 - responsible for setting strategy, managing development and deployment of online design tools

Experience (cont.)

Alion Science and Technology • Lead Mechanical Engineer

2009 - 2011

Directed the development of nuclear safety related reports analyzing the impact of Loss-of-Coolant-Accident debris generation in over twenty nuclear power plants. Developed and implemented analysis tools and reporting specifications.

Ambitec • Founder, Software Developer

2004 - 2011

Designed and implemented data information solutions for clients. Managed team to develop and deploy software solutions for several small and large clients including U.S. Army Corp of Engineers, City of Boston Water and Sewer Commission, The Salvation Army, Public Service Company of New Mexico and Capital One, Inc.

Other Achievements

Solar Energy Industries Association

Vice Chair, Manufacturing Division and member of Board of Directors • 2022 - 2023

The Solar Energy Industries Association (SEIA®) is the national trade association of the U.S. solar industry and is the driving force behind building a strong solar industry through advocacy and education. The division chair and vice-chair sit on the Board of Directors and represent the division on issues critical to the industry.

Graduate, Leadership Albuquerque • 2022 - 2023

Selected to and graduated from the Leadership Albuquerque Program in 2023. Participated with a select cohort of civic leaders gaining deep understanding of issues impacting the economic growth and quality of life in our city and the state of New Mexico.

Patent Awards and Active Applications

- Granted Patent: US 10340838. Hybrid solar panel mounting assembly with a tilted ledge. 2019
- Granted Patent: US 10819271. Height adjustable solar panel mounting assembly with an asymmetric lower bracket. 2020
- Granted Patent: US 11125356. Conduit mount bracket. 2021
- Granted Patent: US 11808042. Attachment bracket apparatus. 2023
- Granted Patent: US 9584062. Apparatus for mounting photovoltaic modules. 2017
- Granted Patent: US 9998065. Trim assembly. 2018

References

Available upon request.



1. Why do you want to serve on the SEIA Board of Directors?

I want to serve on the SEIA Board of Directors to help accelerate the adoption of solar and storage technologies by strengthening the foundation for innovation, manufacturing, and deployment in the U.S. As President and CEO of SolarStrap Technology LLC, I see firsthand how product innovation can reduce costs, increase resilience, and open new markets. Our unique patented mounting technology allows us to install C&I projects under 2PSF. Serving on the Board will allow me to contribute my experience, advocate for policies that expand opportunity across the value chain, and ensure SEIA continues to be the leading voice for a stronger, more competitive solar and storage industry.

2. What experiences and viewpoints, which may be currently underrepresented, will you bring to the SEIA Board of Directors?

I bring the perspective of a product innovator and entrepreneur working at the intersection of hardware design, manufacturing, and field deployment. My career began in the U.S. Navy as an underwater welder—an experience that grounded me in discipline, safety, and mission focus. Later, at SunPower and K2 Systems, I worked across leading racking manufacturers to understand project development, racking innovation, and scaling operations. Today at SolarStrap, I represent a growing segment of mounting technology providers who are building solutions to streamline installation and reduce balance-of-system costs all while reducing stress on building and working within precious roofing warranties. We work with all sorts of investors and property owners, large and small, to ensure their building not only contributes to a cleaner, greener future but also upheld the safest installation on the market. This combination of military, corporate, and entrepreneurial experience gives me a unique lens on workforce development, supply chain resilience, and the importance of supporting both established companies and startups.

3. What strengths and expertise will you bring to the SEIA Board of Directors?

My strengths include product innovation, operational leadership, and cross-sector collaboration. At SolarStrap, I've led the development of solutions that improve installation efficiency and safety—areas critical to scaling solar and storage deployment. My time at SunPower and K2 Systems gave me deep experience in utility-scale and distributed solar, as well as firsthand knowledge of the challenges installers face in the field. In addition, my Navy background developed my ability to lead under pressure, manage complex operations, and prioritize safety and integrity. These skills will allow me to bring practical, solutions-oriented insight to SEIA's strategic discussions.

4. How will your service on the SEIA Board of Directors advance the solar and storage market?

I will focus on advancing innovation, workforce development, and supply chain strength. By



advocating for policies that encourage U.S.-based manufacturing and technology development, we can strengthen our energy security and create durable growth. By supporting workforce training and safety, we ensure that the rapid expansion of solar and storage benefits both the industry and local communities. And by fostering collaboration between large players and emerging innovators, we keep the U.S. at the forefront of global clean energy leadership.

5. What has been your involvement in the solar and storage industry (or related sectors)?

I have worked in the solar industry for over a decade, with experience spanning leading manufacturers and innovators. At SunPower, I was part of a team that advanced high-efficiency solar carports. At K2 Systems, I contributed to the growth of racking and mounting technologies that shaped the way early adaptor projects were built. As President of SolarStrap Technology LLC, I now lead a company dedicated to product innovation that improves installation processes, reduces costs, increase safety with a first in the industry International Code Council ESR number issued to us that requires a class leading 5x safety factor on wind calculation, all this added up will accelerate adoption of roof top solar. My earlier career in the Navy as an underwater welder gave me a strong foundation in technical precision, discipline, and leadership—qualities that continue to guide my work in solar and storage.

6. What has been your involvement in SEIA to date?

I have participated in SEIA through memberships, networking calls and meetups. While SolarStrap is a younger company, I have long valued SEIA's leadership in federal and state advocacy, market research, and industry standards. My goal in seeking Board service is to expand my engagement and ensure that innovators and smaller technology firms are fully represented in SEIA's strategy and advocacy efforts.

7. Have you been a board member of any other trade associations or relevant organizations?

I have not yet served on SEIA's Board, but I have contributed leadership within both corporate and entrepreneurial settings. I am eager to bring that experience into a formal Board role. I currently serve as technical board members to several small startups looking to enter the renewable energy industry, providing expertise in manufacturing, technology, and supply chain management.

8. For Division Chair or Vice Chair candidates, how will you represent the needs of division members?

If selected, I will ensure that manufacturing division members' priorities are consistently heard and acted upon. I will create structured opportunities for feedback, foster open communication,



and advocate for practical solutions that address the needs of both established players and new entrants. My approach is collaborative and inclusive, ensuring all members see value in SEIA's leadership.

9. Is there any other information that you believe would be helpful to the Nominating Committee or SEIA members?

I believe my diverse career path—from serving my country in the Navy to contributing at SunPower and K2, to leading a startup at the forefront of solar technology positions me to add a unique and practical perspective to SEIA's Board. I understand the challenges of scaling businesses, the importance of innovation, and the critical role of safety and workforce development. I am committed to ensuring that the solar and storage industries continue to expand in ways that create opportunity, strengthen U.S. leadership, and deliver meaningful benefits to communities across the country.

Sincerely,

Casey Smith

President/CEO

SolarStrap

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Casey Dean Smith

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Professional Summary

Dynamic executive and U.S. Navy Reserve Diver with 20+ years of leadership across renewable energy, academia, and defense sectors. Proven expertise in solar mounting technologies, project management, and above and underwater engineering. Experienced in managing multi-million-dollar budgets, leading cross-functional teams, and driving innovation in both military and civilian environments.

Professional Experience

- **President & CEO** | SolarStrap Technologies LLC | Mar 2018 – Present
 - Founded and lead a renewable technology company focused on innovative solar energy solutions.
 - Oversee business strategy, operations, and partnerships to drive company growth.
 - Manage cross-disciplinary teams to deliver cutting edge mounting technology to market.
 - Grew company from zero to multimillion in revenue within 3 years
- **Diver** | U.S. Navy Reserve | May 2012 – Present
 - Support Navy missions as a diver specializing in submarine rescue and underwater operation.
 - Maintain operational readiness while balancing civilian leadership roles.
- **Adjunct Professor**, School of Engineering & Computing | National University | Jan 2018 – Mar 2025
 - Delivered instruction in engineering and computing disciplines.
 - Developed curriculum and mentored students pursuing technical and professional careers.
- **Carport/CVAR manager** | SunPower Corporation | Mar 2017 – Mar 2018
 - Directed solar carport design and engineering projects for one of the largest solar technology companies.

- Oversaw Fabrication and installation of the Commercial Value-Added Resellers carport division.
- **Commercial division head engineer** | Everest Solar Systems | Oct 2015 – Mar 2017
 - Engineered and optimized solar racking systems for residential and commercial projects.
 - Collaborated with distributors and installation teams across California.
- **Underwater Welder / Diver** | U.S. Department of Defense | Jul 2012 – Oct 2015
 - Managed a multimillion supply budget to support U.S. Navy forward deployments.
 - Conducted underwater electronics troubleshooting and fiberglass dry habitat repairs.
 - Inspected contractor performance, executed repair work orders, and implemented budget improvements.
 - Trained subordinates in advanced underwater construction techniques.
- **Underwater Welder / Diver** | U.S. Navy | May 2006 – May 2012
 - Performed specialized underwater welding and repair on naval vessels.
 - Supported critical missions with expertise in diving, rigging, engineering and ship maintenance.

Education

- Master of Business Administration (MBA), Human Resources Management | National University | 2016 – 2017
- Bachelor of Science (BS), Construction Engineering | National University | 2012 – 2014
- High School Diploma | Hillsboro High School | 2000 – 2004

Skills

- Leadership & Executive Management
- Renewable Energy Systems & Solar Technology
- Project Design & Engineering
- Budget & Operations Management
- Underwater Welding, Diving & Rigging
- Teaching & Academic Mentorship
- Lean Manufacturing
- Supply chain management foreign and domestic