



## **Frequently Asked Questions about IX Power**

### **What is the mission statement of IX Power?**

To integrate established engineering and recent technical innovations to provide baseload power and clean water for developing regions and emerging economies around the world.

### **What does the name mean?**

IX Power represents the 9<sup>th</sup> generation of power production: Convergence & Context. The first eight are:

1. Human
2. Draft Animal
3. Simple Hydrocarbons
4. Simple Wind and Hydro
5. Solar
6. Complex Hydrocarbons
7. Nuclear Fission
8. Complex wind, wave and geothermal

### **Where is the company located?**

IX Power LLC. is incorporated in the state of Colorado. The company has offices in the U.S. in Los Alamos, New Mexico; Denver, Colorado; and Washington, D.C. IX Power Ltd. is a subsidiary firm located in London, England managed by Dr. Edward (Ned) Swan. The company also has an office in Beijing, China.

### **What is IX Power Clean Water, Inc.?**

IX Power Clean Water, Inc, is incorporated in the state of New Mexico and primarily involved in the research, development, marketing, and distribution of new technology for cleaning water. The OrganiClear™ water system will change the way the oil & gas industry handles produced water; water that comes up from the earth with oil and gas when those resources are extracted.

### **Who founded IX Power LLC?**

The founders of the parent company included John R. Grizz Deal, Dr. Robert Libutti, Randall Wilson, Dr. Otis (Pete) Peterson, and Deborah Deal-Blackwell. All of these individuals have worked together for years on technology commercialization and product development in several companies. In addition, valued individuals who have worked with the team in previous enterprises fill key positions in the company.

### **Who is the CEO of IX Power LLC?**

Prof. John R. (Grizz) Deal. He has over twenty years of experience in technology commercialization and fast growing ventures, in both chief executive and product development roles. He is considered one of the top global thought leaders on leveraging and commercializing government lab-created innovations to strengthen national economic development.

### **What other firms has John R. (Grizz) Deal founded?**

Grizz has founded 7 firms based on technology originally started within the U.S. Department of Energy laboratory system. Most recently, he was the CEO and a co-founder of Hyperion Power Generation, a Los Alamos National Laboratory (LANL) spinout developing a Small Modular Reactor (SMR). He has also served as the chief marketing officer for Space Imaging, and was the founder and CEO of LizardTech, another one of LANL's more successful spinouts.

### **Does IX Power have a board of advisors?**

IX Power has formed an Advisory Board whose distinguished members represent a very high level of expertise in all of the technology segments that have a strong relationship to IX Power's product lines and future developments. These five members will assist the management team in a variety of ways, including assessment of technology options, development of new technologies, and utilization of breakthrough innovations.

### **What is the IX Power Foundation?**

The IX Power Foundation is a U.S. IRS designated 501(C)(3) nonprofit company registered in the state of New Mexico.

The IX Power Foundation's mission is to:

- Provide education about evolving technologies and foster the growth of new companies promoting safe energy and clean water solutions
- Coordinate and execute energy and water construction projects for "in-need" communities
- Advocate for and assist with funding of specific energy and water projects

### **How do I contact someone at IX Power?**

Either email [info@ixpower.com](mailto:info@ixpower.com) or call the main switchboard at +1 505-661-1000

## **Brief Biographies for key executives at IX Power**

### **John R. (Grizz) Deal** Executive Chairman & CEO, IX Power LLC and IX Power, Limited

John R. Grizz Deal has over twenty-five years of experience in technology commercialization, tech-based startups, fast growing ventures, and product development.

Grizz was CEO and a co-founder of Hyperion Power Generation, a Los Alamos National Laboratory (LANL) spinout developing a Small Modular Reactor (SMR). He has also served as the chief marketing officer for Space Imaging, and was the founder and CEO of LizardTech, one of the more successful LANL spinouts. Additionally, Grizz has served as Entrepreneur in Residence for the U.S. Department of Energy (DOE) National Nuclear Security Administration (NNSA) at Technology Ventures Corporation and as Visiting entrepreneur at Los Alamos National Laboratory. Grizz founded seven firms based on U.S. DOE technologies and holds graduate and undergraduate science degrees in geography from Texas A&M University. He is an adjunct faculty member of the Moscow School of Management Skolkovo.

Grizz is a frequent speaker and writer on energy technology and policy, product development, starting and growing advanced technology-based ventures, and issues in raising capital for such ventures.

### **Robert L. (Bob) Libutti, PhD** Chief Strategy Officer, IX Power companies.

Dr. Libutti is responsible for business and technology development strategy. Dr. Libutti is a co-founder and the former VP of Engineering and Strategy for Hyperion Power Generation and for the software

company LizardTech. He is the author of the book "IBM's Systems Application Architecture." After working in industry as an electrical engineer and as an officer in the U.S. Army, Dr. Libutti began a 32-year career with the IBM Corporation. He held various positions ranging from the IBM Applied Science representative to NASA Langley during the Project Mercury space shots to IBM Group Director, holding executive marketing and executive product development positions in the U.S., Europe, and Japan. Dr. Libutti created the corporate business case, led the development team, and introduced the personal computer in Japan.

He has served on several corporate boards, including Sapiens International, a publically traded, Israeli software company where he became co-CEO. Dr. Libutti holds a BS in Engineering Physics from Lehigh University and a MBA and a PhD in Business Administration. Dr. Libutti is also a graduate of IBM's Systems Research Institute, earning the equivalency of a Masters degree in computer science.

**Otis (Pete) Peterson** Chief Technical Officer, Chief Reactor Designer, IX Power companies.

As Chief Technical Officer of IX Power, Dr. Peterson supervises the review of all energy technologies and the coordination of research efforts in the public and private sectors. Among his many career accomplishments, Dr. Peterson is the inventor of the original design for the unique Hyperion Power Module. He holds six patents including those for his inventions of the cw Dye Laser and Alexandrite Laser, which earned R&D 100 awards. In the 1990's he served as science attaché at the American Embassy in London for environmental preservation and nonproliferation issues.

Dr. Peterson served as a group leader at Los Alamos National Laboratory (LANL) and held management positions at Eastman Kodak and Allied Chemical where he co-founded the laser induced chemistry program. He was also a co-founder of laser isotope separation program (AVLIS) at Lawrence Livermore Laboratory, which continued for 26 years. His inventions and many publications have been cited by other authors in the technical literature well over 1000 times. He is a fellow of the Optical Society of America. He earned his Ph.D. in physics at the University of Illinois.

**Randall Wilson** Chief Financial Officer, IX Power companies

Randall Wilson is one of two key founders and was Chief Financial Officer/Chief Operating Officer of Technology Ventures Corporation (TVC), a private foundation funded by Lockheed Martin Corporation to commercialize national laboratory-developed technologies. He was instrumental in growing the business from a single-site, five-person enterprise into a multi-site, multi-funded operation with more than 40 employees. Over the course of 17 years, TVC fostered 115 start-up ventures, \$1.18 billion in venture/equity capital investments, and 13,400 jobs. Mr. Wilson managed budgets and held oversight responsibility for grants from the US Department of Energy, US Department of Commerce's Economic Development Administration, US Department of Labor, and State of New Mexico and corporate funding from Lockheed Martin. He set up and maintained five not-for-profit 501(c)3s and served as Secretary of TVC. He served in this capacity from 1993 to 2011 and remains active in the technology commercialization community.

In addition to his work at IX Power, Mr. Wilson serves as the CFO and Secretary/Treasurer of the Sandia Science & Technology Park Development Corporation, chair of the Sandia Science & Technology Park Tenant Association, and Treasurer of the New Mexico Angels (a private investment group).

Mr. Wilson was named a Top Performing CFO by the NM Business Weekly and served on New Mexico Governor Gary Johnson's Business Advisory Council. In 1992 and 1993, he was part of Lockheed Martin's successful bid to manage Sandia National Laboratories. A graduate of Emory University, he also holds a Master's in Business Administration from Rollins College, and has completed numerous C-level professional development courses.

### **Dr. Edward (Ned) Swan** International General Counsel

Dr. Swan has over 30 years of experience practicing in the areas of UK, European, and US financial services law and regulation. His expertise spans authorisation and compliance, structured finance, trading and clearing, commodities and energy, MiFID, ISDA, ISLA (and other standard form agreements) and funds. He advises national governments, regulators, exchanges, clearing houses, banks, investment funds, brokerage houses, trade associations, commodity traders and commodity producers on all aspects of financial services regulation, documentation and litigation in New York, London and Paris.

Prior to joining Brown Rudnick, Dr. Swan was a partner at three major international law firms, where he specialised in financial services regulation and litigation advice to exchanges, major international trading houses and banks. He also established his own international financial services practice in New York where he was lead counsel in a number of landmark international financial markets cases. Representative matters include legal advisor to the Council of European Energy Regulators on regulation of European wholesale gas and electricity trading; advising on major regulatory investigation in connection with the Madoff affair; advising a leading international bank on major acquisition of business of another leading international bank, and lead counsel in a landmark energy market manipulation case.

Dr. Swan is also visiting professor at the Faculty of Law at University College London where he originated and taught the LLM course in Regulation of Financial Markets. He is admitted to the New York and US Federal Courts and the International Bar Association.

### **James Jones** Chief Revenue Officer, IX Power companies

Jim Jones is head of business and revenue development at IX Power. With 29 years of technology sales and in excess of \$500 million in sales credits, Mr. Jones brings a wealth of experience to the team. He has served in key sales roles at Digital Equipment, SUN, and Interleaf as well as executive positions at Sybase and Informix. For the past 10 years, Jones has lead successful ventures as Chief Revenue Officer. He has been responsible for helping deliver first revenues as well as building the sales and business development teams that secure consistent company growth. He says, "I enjoy the energy of the early stage companies. I'm especially fond of driving revenue growth under almost any circumstance."

In recent years he has worked with mobile telecom operators around the globe. At SNAPin Software, he built the sales teams in North America and Europe. He successfully secured customers such as British Telecom, Orange UK, Vodafone, Armenia Spain, KPN, T-Mobile UK, T-Mobile US, and Cingular.

While serving three years as Chief Revenue Officer for Hyperion Power, Jones negotiated first-ever sales contracts for the Hyperion Power Module, and built a pipeline of 134 committed buyers. He also built significant relationships in Russia, Canada, and South Africa. He likely knows more customer opportunities to provide new energy systems than any other single person on the planet. Mr. Jones' other experience includes startups in enterprise software, energy conservation, telecoms, document management, and geospatial imaging. He holds undergraduate and graduate degrees in bioscience from the University of Washington and University of Texas.

### **Deborah Deal-Blackwell, APR CEO, IX Power Foundation**

Ms. Deal-Blackwell serves as the CEO of the IX Power Foundation. As the CEO of the five-state medical transportation charity Angel Flight Southeast, she resurrected the organization and doubled revenues and services in just one year. But her career did not begin in the nonprofit sector; initially she started in broadcasting. After leaving television, Deborah honed what would become her 25+ years of experience in public relations and marketing by serving a wide variety of clients in computer software, real estate development, consumer and business travel, and politics. Her clients are spread across the U.S., Asia, the Caribbean, and Russia.

Deborah has served on the boards of countless non-profit, civic, cultural and industry-specific organizations. She is a co-founder of Hyperion Power Generation and was the firm's first employee. Deborah was the top executive in Hyperion's Washington, D.C. office and directed all interaction with Capitol Hill and federal agencies based in the city. Her degrees in journalism-public relations and radio-TV were earned at the University of Central Florida. She is an accredited public relations specialist (APR).