### **Resume of William F. Hederman, MS, Sys Engr, MPP**

Highly skilled international executive, thought leader, board member, and strategic policy expert. Success in corporate leadership, startup founder and adviser, senior federal regulator and enforcement, COO of international organization.

#### CENTER FOR STRATEGIC AND INTERNATIONAL STUDIES / MAXWELL-SYRACUSE UNIV. Washington, DC

* Adjunct Professor of Energy Geopolitics, January 2018-present
* Conduct training for mid-career executives regarding global energy markets and energy geopolitics.

UNIVERSITY OF PENNSYLVANIA, KLEINMAN CENTER FOR ENERGY POLICY Philadelphia, PA

Senior Fellow (member of faculty), Jan 2016 – present

* - Conduct research on new business models and cybersecurity for energy firms.
* - Co-developed energy product and co-taught Wharton Executive Education.
* - Teach the core course on energy policy to graduate students for UPenn energy certification.

QCOEFFICIENT, Inc. Chicago. IL and Washington, DC

Chief Marketing Officer, July 2016-present

* -Develop and execute strategy to promote market adoption of an advanced building-grid integration technology capable
* of major energy, peak demand and carbon emissions reductions, even in LEED Certified buildings.
* Met with NYS DPS Chair and a Commissioner to explain the value proposition of the new technology.

DELOITTE AND TOUCHE, LLP Washington, DC

Independent Senior Adviser, April 2017 – April 2019

* Provide strategic advice to Deloitte and C-suite clients on energy, regulation, compliance, cybersecurity.
* Advised the new Administrator of EIA on a strategic electric power initiative, building extensive successful outreach to NARUC leaders and several state commissioners (including NY and NJ).
* Participated, often as a speaker, in multiple regulatory workshops led by NARUC and Deloitte.

U.S. DEPARTMENT OF ENERGY, Office of the Secretary Washington, DC

Senior Advisor to the Secretary, 2013-2016 [Clearance: Top Secret/Q]

* - Strategic advisor, direct report to Ernest Moniz, the CEO of this cabinet agency.
* - Lead analyst for in-country energy mission to Ukraine, thanked personally by Prime Minister V. Groysman.
* - Primary architect for the 1st Quadrennial Energy Review.

DELOITTE AND TOUCHE, LLP McLean, VA

Director, Eminence Fellow, 1st Director of Financial Compliance Leadership Academy, 2010-2013

* - Provided internal and external thought leadership on why compliance was good for business.
* - Grew practice revenue from under $1 million to over $7 million.

WASHINGTON RESEARCH GROUP Washington, DC

Senior Vice President, 2009-2010 [Series 7 license]

* - Analyzed energy policy implications for institutional investors managing more than $5 trillion.
* - Gained new coverage in NY Times and Wall Street Journal, also on Bloomberg TV.

CLEAN URBAN ENERGY, Inc. Chicago, IL

Co-founder, 2007-2012

* - Co-founded this high-tech energy startup, attracting $7 million Series A funds.

U.S. CONGRESSIONAL RESEARCH SERVICE Washington, DC

Specialist, 2008-2009

* - Strategy analyst for Members of Congress and senior staff on energy markets, market integrity and new technology.

MORGAN LEWIS AND BOCKIUS, LLP Washington, DC

Executive Director, 2005-2008

* - Led new energy compliance initiative at major law firm, achieving multi-million dollar revenues.
* - Positioned the firm as a new leader in energy compliance/risk management.

FEDERAL ENERGY REGULATORY COMMISSION [Clearance: Top Secret] Washington, DC

Founding Director, Office of Market Oversight and Investigations, 2002-2005

* - Recruited by Chairman during Enron Crisis to create market intelligence and enforcement capabilities.
* - Led agency to regain confidence of markets, Congress, and states, recovering more than $2 billion and restoring order
* to the $500 billion dollar energy markets.
* - Awarded the “Exemplar of Public Service Award,” agency’s highest honor.

COLUMBIA ENERGY GROUP, INC. Fairfax, VA

Vice President of Business Development/Strategic Initiatives, 1998-2001

* - Chief Strategic Officer for largest business unit of Fortune 500 company.
* - Began aggressive strategic initiatives to achieve top quartile performance; created net-based competitor intelligence system; led analysis on M&A and market power determinations.
* - Co-led integration team on risk management.

IEA INTERNATIONAL CENTRE FOR GAS TECHNOLOGY INFORMATION Washington, DC

COO and Executive Director, 1995-1998

* - With European and Asian partners, created a new center for IEA using the Internet to accelerate technology innovation in the global gas industry that covered 75% of global activity (16 nations, 500 firms, and $2 million budget).

INTERSTATE NATURAL GAS ASSOCIATION OF AMERICA Washington, DC

Founding Director of Analysis, 1983-1987

* - Developed and implemented strategy for pipelines to thrive in restructured industry.

THE RAND CORPOATION Washington, DC

Energy Research Associate, 1978-79, 1974-76

U.S. CONGRESSIONAL BUDGET OFFICE Washington, DC

* Co-founder, 1st Energy Budget Analyst, 1976-1978

BELL TELEPHONE LABORATORIES [Clearance: Secret] Whippany, NJ

* Member of Technical Staff, Systems Integration, 1970-1972

MANAGEMENT CONSULTANT Fairfax, VA

LECG, ICF, RJ Rudden (now Black & Veatch), 2001-2002, 1987-1995, 1979-1983

* - Practice and BU executive (Managing Director, SVP, VP) in firms addressing government-business interface regarding energy and technology.
* - Led due diligence engagements for investments exceeding $2 billion.

### **EDUCATION**

**MASSACHUSETTS INSTITUTE OF TECHNOLOGY,** MS, Systems Engineering, Bell Labs Fellow

**UNIV. OF CALIFORNIA, BERKELEY,** MPP, Public Policy, Regents Fellow

**UNIV. OF NOTRE DAME,** BS, electrical engineering, scholarship recipient

**Boards:** Engineers on Deck (STEM), Collegiate Robotics Football Conference Commissioner, AgilePQ Board of Advisers (cybersecurity), IEEE PES long range planning committee (chair of Future Directions), member of National Association of Corporate Directors, (formerly) U. of California Berkeley Policy Alumni board (chair, governance committee, longest serving member, 12 years), Enerquest Systems (Denver), Gas Technology Information, Inc. (with CEO of Danish Oil/Natural Gas Corp.), GRI Industry Advisors Council

**Media Recognition:** expert citations in NY Times, Wall Street Journal, US News and World Report, National Public Radio All Things Considered, Business Week, Bloomberg, numerous citations in energy trade press.

**Public speaker:**  addressed more than 100 professional conferences around the globe (5 continents), including keynote addresses to several

**Lecturer:** Stanford, Kellogg, Wharton, UC Berkeley, MIT, U of Michigan, Harvard KSG, U of Virginia Law, Dartmouth, National Defense University, Adjunct Professor for U of Notre Dame DC program.