

# WHITNEY Y. MUSE

## PROFESSIONAL SUMMARY

Energy sector expert with 15+ years of experience across public, private and non-profit organizations. Oversaw more than \$140 billion in grant and loan funding across the breadth of the energy sector – power investments in new and upgraded generation and grid assets, energy efficiency and decarbonization technologies in the buildings sector, manufacturing investments, industrial decarbonization programs, and others to enable private sector investments. Strong executive presence with excellent public speaking and stakeholder management skills to connect with senior leaders, government officials, and clients. Proven success in launching, growing, leading, and managing teams of over 50 people.

## PROFESSIONAL EXPERIENCE

### **Muse Energy LLC President**

**Washington, DC  
Jun 2025 – Present**

- Providing advisory services on energy policy, power markets, and supply chain issues that include policy development and analysis, strategic planning, and economic development.
- Advise public and private sector entities on market and policy trends that drive investment decisions across the federal and state policy and regulatory environments.

### **White House Office of Clean Energy Innovation and Implementation Senior Policy Advisor**

**Washington, DC  
Sept 2023 – Jan 2025**

- Oversaw implementation of \$140+ billion in clean energy funding via the Infrastructure Investment and Jobs Act (IIJA) and the Inflation Reduction Act (IRA) across multiple federal agencies, including the Department of Energy, Environmental Protection Agency, and Department of Agriculture. Enable private sector investments through oversight of programs across the power and buildings sectors, as well as manufacturing investments, industrial decarbonization programs, and more. Serve as principal advisor to Senior Advisor to President for International Climate Policy, John Podesta, on these topics.
- Advanced the Biden Administration's efforts to accelerate development of artificial intelligence (AI) infrastructure, including data centers, and its power needs with a focus on deploying innovative solutions to generator and load interconnection challenges.
- Served as policy lead for Presidential and Vice-Presidential announcements, engaged with the White House and Agency teams to effectively communicate the importance and impact of multi-billion dollar selections from IRA programs.
- Raised awareness of IIJA and IRA clean energy programs, funding opportunities, and broader energy policy and investment landscape via 30 public engagements – keynote speeches, ribbon cutting events at new factories, podcasts, and panel discussions across the country.
- Advanced the Biden Administration's efforts to accelerate effective and efficient permitting of transmission and renewable energy projects.

### **U.S. Department of Energy (DOE) Chief of Staff and Senior Advisor, Grid Deployment Office**

**Washington, DC  
Mar 2022 – Sept 2023**

- Established brand-new office, Grid Deployment Office (GDO), to address the nation's grid challenges and to execute over \$26 billion in funding. Made key policy and operational decisions, provided strategic, technical and operational leadership across power generation, transmission, and grid modernization topics, using delegated leadership authority from the GDO Director.
- Accelerated hiring efforts to grow the GDO staff from 2 people to over 100 within one year. Interviewed and hired over 100 senior-, mid-, and junior-level staff over the course of one year.
- Led program design, implementation, and contracting for nation's largest investment in grid resilience – \$13 billion from the Infrastructure Investment and Jobs Act, created program goals, priorities and evaluation metrics to ensure cohesiveness among multiple programs.

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- Directly managed the Puerto Rico Grid Recovery and Modernization Team, worked with senior leadership at DOE, the Federal Emergency Management Agency, and the Department of Housing and Urban Development to remove bureaucratic barriers and led technical assistance efforts. Led DOE's Congressional efforts to successfully obtain \$1 billion in funding for the Puerto Rico grid.
- Briefed White House principals, DOE, and interagency senior leadership, Congressional Members, and committee staff on priority grid and transmission topics.

## **Chief of Staff, Office of Electricity**

**June 2021 – Sept 2022**

- Served as the senior political appointee in the Office of Electricity supporting the Office's operations, policy, and program areas across a \$200 million annual budget and 60+ person staff. Provided technical and policy leadership and coordination on grid hardware and software R&D, energy storage, transmission, and Puerto Rico's energy sector recovery.
- Spearheaded engagement with the nation's Power Marketing Administrations to accelerate transmission modernization and deployment across their 33,000+ miles of transmission in 25 states, including interconnection process improvements.
- Co-chaired the White House Interagency Working Group on Siting and Permitting of Renewable Energy Deployment on Public Lands and Nationally Significant Transmission Projects facilitating collaboration among Interior, Agriculture, Defense and other agencies to work creatively to resolve bureaucratic challenges and accelerate permitting of transmission and renewable energy projects.

## **Deloitte Manager**

**Rosslyn, VA**

**Dec 2018 – June 2021**

- Managed \$36 million U.S. Agency for International Development (USAID) Vietnam Low Emission Energy Program II. Provided project oversight and management for project operations, including financial management, contracts management and compliance, staffing, subcontracts management, and quality control of technical deliverables. Managed successful proposal team of 27 people and transitioned to project startup post-award, growing to an 80+ person team of U.S based staff, U.S. expatriates, and Vietnamese nationals.
- Managed U.S. State Department funded project to provide technical assistance to the power sectors of Southeast Asia enhancing opportunities for cross-border trade, electricity market development, renewable energy deployment, and private sector investment in the power market.
- Analyzed policy, financial, and regulatory challenges to addressing energy resiliency needs within U.S. Department of Defense across its domestic installations.
- Assessed technical and regulatory feasibility for global deployment and expanded market penetration of energy technologies, including renewable & energy storage technologies and electric vehicles.

## **National Association of Regulatory Utility Commissioners (NARUC) Senior Program Officer & Development Coordinator**

**Washington, DC**

**June 2016 – Nov 2018**

- Launched capacity building projects in Pakistan, Bangladesh and Central America for national and regional energy regulators to influence institutional change and transform their electricity sectors.
- Oversaw project management of five country and regional projects which includes designing workshops and trainings, facilitating stakeholder engagement and managing in-country & remote technical assistance programs.
- Spearheaded development of global technical guides on Mini-Grid Regulation and Women in Energy Regulation and led dissemination efforts through international conference presentations and global working groups.
- Developed the department's Monitoring and Evaluation Plan to streamline and standardize processes.
- Led termination of a major USAID cooperative agreement, with projects in 31 countries over 9 years; built case study using key accomplishments, metrics and lessons learned to inform future funding.

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## **Global Island Partnership (GLISPA) Consultant**

**Seychelles / DC  
Sept 2015 – May 2016**

- Assessed challenges that arise from the nexus of climate change, sustainable development, and economic growth in Seychelles and other small island developing states (SIDS).
- Developed policy recommendations, focused on national and regional implementation, for Seychelles and other small island states presented at high level policy roundtable of World Bank, International Monetary Fund, and NGO experts.

## **Mexican National Agency for Industrial Safety and Environmental Protection of the Hydrocarbons Sector Regulation & Legal Standards Intern**

**Mexico City, Mexico  
June 2015 – Aug 2015**

- Wrote segments of Mexico's national industrial safety and environmental protection standards for retail gas stations – design, construction, operations, maintenance, and end of life – (NOM-EM-001-ASEA-2015), based on extensive research of international gas station regulations.

### **ADDITIONAL EXPERIENCE**

**High School Mathematics Teacher**, Camden, NJ and Philadelphia, PA (Sept 2012 – Aug 2014)

**Campaign Manager**, Judicial Election, Philadelphia, PA (Nov 2012 – May 2013)

**Subcontracts Administrator**, BAE Systems, Wayne, NJ (Jan 2009 – Jul 2010)

### **EDUCATION**

**Johns Hopkins University, School of Advanced International Studies (SAIS)**      **Washington, DC**  
**Master of Arts (MA), International Relations & International Economics**      **May 2016**

- Concentrations in Energy, Resources & Environment and Latin American Studies

**Rutgers University**  
**Bachelor of Science (BS), Applied Sciences in Engineering**

**New Brunswick, NJ**  
**May 2008**

- Awarded Certificate in International Studies; Minors in Political Science and Spanish
- Studied Abroad at **Universitat de València** in Valencia, Spain, January – July 2006
- Awarded **2024 Distinguished Alumni Award for Achievement in Industry** from Rutgers University, School of Engineering (Sept. 2024)

### **ADDITIONAL INFORMATION**

- Holds Active Top Secret Clearance
- Language: Spanish (Professional Proficiency)
- Certified Project Management Professional (PMP)