**Karan Pol**

Senior Analyst

Karan supports our advisory team providing economic analysis and regulatory services to a broad range of clients. He performs research and analysis of clean energy policies, power market structures, and utility regulations. His background includes electricity policy, utility regulation and rates, econometric/statistical modelling, and economics.

**SELECTED PROFESSIONAL EXPERIENCE**

***Regulatory economics***

* Analyzed econometric modelling and model review methodologies for the load forecast and capacity expansion plan for Newfoundland Labrador Hydro.
* Monitored and advised on the development of extended day-ahead markets in CAISO and SPP for a clean energy association.
* Monitored and advised on Capacity Market Reforms in PJM for the East Kentucky Power Cooperative
* Research, technical analysis, and testimony development across multiple subject areas and jurisdictions, including 9 cases for 2 public service commissions. Evaluated utility filings, drafted data requests, and assessed customer impacts of infrastructure investments and ratemaking filings.
	+ Arkansas Public Service Commission
		- Dkt 07-044: Cost of gas prudence and extraordinary costs incurred during Winter Storm Uri. Associated with Summit Utilities.
		- Dkt 07-045: Cost of gas prudence and extraordinary costs incurred during Winter Storm Uri. Associated with Black Hills Energy, Arkansas.
		- Dkt 07-046: Cost of gas prudence and extraordinary costs incurred during Winter Storm Uri. Associated with Arkansas Oklahoma Gas Corporation.
		- Dkt 13-111: Cost of electricity prudence and extraordinary costs incurred during Winter Storm Uri. Associated with Empire District Electric Company (Liberty-Empire).
		- Dkt 15-015: Cost of electricity prudence and extraordinary costs incurred during Winter Storm Uri. Associated with Entergy Arkansas.
		- Dkt 21-070: Cost of electricity prudence and extraordinary costs incurred during Winter Storm Uri. Associated with the Southwestern Electric Power Company.
		- Dkt 22-065: Review of a certificate of Public Convenience and Necessity to Operate. Associated with the John W. Turk Jr Power Plant.
		- Dkt 22-082: Review of renewable PPAs and a tariff approval. Associated with two renewable projects for Entergy Arkansas.
	+ Connecticut Public Utilities Regulatory Authority
		- Dkt 23-01-03: Prudency and accounting review of a Rate Adjustment Mechanism. Associated with Eversource/Connecticut Light & Power and United Illuminating.

***Procurements and portfolios***

* Analyzed and connected four municipalities/cooperatives to funding under the Inflation Reduction Act associated with the New ERA program, expanded production/investment tax credits, and new bonus tax incentives.

***Clean energy***

* Performed a full system needs analysis toward the development of a long-term power-system investment forecast for an economic research group. This analysis identified the total generation, transmission, and distribution investment necessary to meet reliability needs and clean energy standards in the United States.
* Collected and analyzed equitable performance data for 41 rural electric cooperatives in the state of Georgia on behalf of the Partnership for Southern Equity, in collaboration with Appalachian Voices. Analysis found that Georgia co-operatives do not have adequate financial support for vulnerable families, strong member control of election, and weak overall democratic governance.
* Developed internal life-cycle analysis tools to analyze product-market fit for small modular nuclear power plants across 40+ energy-intensive industries for Last Energy.
* Performed cost-benefit analysis for advanced nuclear development in South America and Eastern Europe for Minister-level clientele for Last Energy.

**EMPLOYMENT HISTORY**

 **Daymark Energy Advisors, Inc.** Worcester, MA

*Senior Analyst* 2023–Present

*Analyst* 2023

 **Partnership for Southern Equity** Atlanta, GA

*Policy Manager, Energy* 2022–2023

 **Last Energy** Washington, DC

*Research Manager* 2021–2022

 **Energy Impact Center** Washington, DC

*Research Analyst* 2021–2022

**EDUCATION**

**The University of Georgia** Athens, GA

*Master of International Policy* 2021

**The University of Georgia** Athens, GA

*B.A., Economics* 2021