

Dr. Maria Soledad (Sol) deLeon, D.L.S., Principal Associate

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PROFESSIONAL EXPERIENCE

Synapse Energy Economics, Inc., Cambridge, MA. *Principal Associate*, January 2023 – Present

- Analyzes gas utility applications, as well as studies, reports and other evidence regarding gas utility investments, business models, ratemaking, depreciation, revenue requirements, and business risk.

WGL Holdings (Washington Gas) Washington D.C. *Manager, Strategy & Innovation*, December 2019 – December 2022, *Manager, Strategy & Business Development*, March 2017 – December 2019

- Defined and successfully proposed GHG emission reduction targets. Project managed development and completion of regulator-required climate strategy reports, involving external consultants and internal subject matter experts.
- Established and implemented a governance process for strategic initiatives. Created templates for business plans, project charters, and status updates for proposed strategic projects.
- Established information capture process for regulatory and executive reporting of emission reduction initiatives, including status of budget, scope, schedule, and projected benefits.

AES Corporation, Arlington, VA. *Risk Manager*, January 2009 – January 2016, *Project Manager, Wind Development*, April 2008 – December 2008, *Risk Analyst*, March 2006 – March 2008

- Managed global Hydrology Risk Committee quantifying risks and reporting to executive leaders on hydrology and climate mitigation strategy to reduce impact on initiatives and earnings projections.
- Streamlined process for derivatives valuation and audit support, reducing quarterly reporting preparation by 400% and saving 10,000+ labor hours. Managed derivative approval process for projects in Latin America, and Asia.
- Supported business development and negotiations for greenfield wind farms and project pipelines by building and maintaining financial models.
- Mapped South American and Asian subsidiaries' structures and cash flows to identify material risks and develop interest rate and foreign exchange hedging strategies protecting enterprise value.
- Developed valuation models for futures, forwards and options for power, commodity, FX, and interest rate; identified and evaluated transaction risks, and performed ad hoc market risk analysis.

Energy and Environment Analysis, Inc., Arlington, VA. *Energy Analysis*, August 2002– March 2006

- Built first-ever demand forecasting model of U.S. propane industry, fundamentally changing strategic decision-making across the propane industry.

PG&E National Energy Group, Bethesda, MD. *Intern, Asset Management*, June 2001– December 2001

- Fixed financial models for power plant valuations and financial models for 5,000-megawatt contract portfolio; corrected errors in 5 critical models which were reinstated for internal forecasting and reporting.

Trans Asia Power, Manila, Philippines, *Senior Project Analyst, Business Development*, March 1997 – August 2000

- Employee #4 of energy start-up. Identified projects for development. Company representative in nationwide launch of electricity spot market, implemented in company and trained other users.

EDUCATION

Georgetown University, Washington, D.C.

Doctorate in Liberal Studies, Energy Transition and Energy Justice

Master of Business Administration, McDonough School of Business

Ateneo de Manila University, Quezon City, Philippines

Bachelor of Science, Management Engineering, AB Economics

Resume updated March 2023