

Gerald Harris

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Overview Background

Executive with extensive planning and analytical experience in the energy industry, especially electric power, and through consulting engagements and volunteer work, a broad business background. Leadership skills developed in both management positions and through board-level service in the non-profit sector. Economic and financial analysis skills developed through extensive work in modeling analyses in conjunction with strategic planning and scenario analyses.

-----Recent Experience and Consulting Work-----

2009-2022—Quantum Planning Group, Inc.

Founder and President of the Quantum Planning Group, Inc. (QPG), a consultancy which focuses on providing strategic planning and scenario analysis services to industry. Primary consulting work has focused on providing full scenario development and analysis for electric reliability planning for the Western Electric Coordinating Council (WECC). For a decade QPG has supported WECC in three cycles of transmission expansion scenario work extending from stakeholder engagement and through scenario facilitation and report production, quantitative modeling (production cost, power flow and capital expansion tools), and final assessment reporting. QPG created and manages a trend analysis process for WECC which facilitates continuous learning about development in the electric power industry via a quarterly report and an online searchable database.

During this period Gerald extended his work in the power sector as volunteer new ventures reviewer for The Cleantech Open West. This work involved meeting with startup companies in the clean energy sector to provide business planning and strategic review of their proposals. Gerald deepened his understanding of the venture process by serving as a volunteer electric industry analyst with the Band of Angels clean energy venture investment group in Silicon Valley. Gerald delivered short term scenario planning work for other companies during this time including Federal Express and local non-profits in the Bay Area.

-----Middle Career Work-----

2008-1993—Global Business Network/Monitor Group

Gerald joined GBN in the early days of the formation of the company, which was created to bring scenario planning tools perfected at Royal Dutch Shell into the broader business community. Following his early career work as a financial and strategy analyst at Pacific Gas & Electric, Gerald joined GBN and led over 50 consulting assignments across a wide range of industries, including electric power, oil & gas, philanthropy, transportation and community development. During this time Gerald honed his skills in group facilitation, public speaking and marketing of consulting work to senior managements. Work with GBN involved extensive work in group facilitation, report writing and management consultation on implementing strategic planning directives. As a senior consultant Gerald recruited and trained incoming consultants, and wrote thought leadership articles for the company. In 2009 Gerald authored *The Art of Quantum Planning, Lessons from Quantum Physics for Strategy, Innovation and Leadership*.

-----Early Career Work-----

- **1980-1993—Pacific Gas & Electric Company**—Joined the company as a financial analyst in its Project Finance Group where responsibilities included working with investment banks to structure debt offering for the company. Successful projects included debt issue for pollution control bonds and a leverage lease for an office space. Career advancement led to joining the Strategic Planning Group, where Gerald led scenario planning work and was part of the overall corporate planning team. Further career advancement led to position of Director of Planning for the Engineering and Construction Business Unit, where Gerald led business and budget planning for the unit.
- **1978-1980—Bechtel Group**—Joined Bechtel as a project finance analyst and performed debt capacity and financial structure analyses for international projects. Gained exposure to global banking, government supported finance, and international trade issues.

-----Education and Other Background-----

Gerald received his BA in economics from Morehouse College (1976), where he graduated Magna Cum Laude and a member of Phi Beta Kappa; and an MBA in finance and business economics from the University of Chicago Booth School of Business (1978). Gerald wrote, *The Art of Quantum Planning, Lessons from Quantum Physics for Breakthrough Strategy, Innovation and Leadership*, which was published by Berett-Koehler Publishing in August, 2009.

Gerald has served on several non-profit boards and currently serves as the Board Chair of the Hoffman Institute Foundation (www.hoffmaninstitute.org), and a member of the Board of Governors of the Commonwealth Club of California (www.commonwealthclub.org). Past board service has included the National Society of Black Engineers and Saybrook University in San Francisco, CA.

-----Publications and Weblinks-----

The links below provide further ways to get more detailed background on a variety of Gerald's work. Upon request other links to articles and publicly available work products are available.

Publications:

<https://artofquantumplanning.com/scenario-thinking%2C-covid>

Western Electric Coordinating Council:

<https://www.wecc.org/SystemAdequacyPlanning/Pages/Scenario-Planning.aspx>

<https://www.wecc.org/Reliability/2019%20WECC%20Scenarios%20Assessment%20Report.pdf>

Commonwealth Club:

<https://www.commonwealthclub.org/events/2020-07-23/socially-responsible-tech-company-ideals-vs-practice>

<https://www.commonwealthclub.org/events/2019-08-15/fast-evolution-gene-editing-and-its-implications-society>