

Greg Turk

Professional Experience

2016 – Present

HORIZONS ENERGY

Dublin, Oh

Co-Founder and Executive Consultant

Recent consulting engagements include a short-term production simulation of an SPP client to identify energy and ancillary service value of combustion turbines and optimal timing of maintenance outages and the delivering a budget, resource expansion and stochastic scenarios to the Tennessee Valley Authority.

TURK CONSULTING

Dublin, OH

2014 – 2015

President

Greg performed national evaluation of Clean Power Plan, testimony support for resource expansion and forecasts of MISO and PJM capacity markets. Utilizes the EnCompass model for operational to long-term electricity simulation.

VENTYX

Dublin, OH

2008 – 2014

Vice President, Advisory Services

Developed and integrated multiple market models, including energy, capacity, coal, natural gas pipeline / LNG and market-based resource expansion for North American electricity organizations. Created or aided in development of features into optimal integrated resource plan (IRP) expansion tool, including advanced fuels and emissions logic, decision tree structure and stochastic modeling. Aided Advisor's team in development of semi-annual Reference Case product.

- Yielded unique and compelling analytic toolset for Ventyx Advisors (consulting team), which contributed to successful growth of Reference Case product and wide range of consulting engagements.
- Provided clients with advanced risk analytic capabilities, resulting in development of actionable hedging strategies and strategic responses to uncertainty.
- Demonstrated exceptional customer service / responsive, creating long-term client retention and loyalty.

Product Manager of Horizons Interactive

Created proprietary network and web infrastructure for secure, on-demand analytic service. Developed highly efficient multi-client parallel processing module for performing stochastic analysis. Updated database and analytics, conforming to evolving energy industry changes. Provided training, maintenance and support services. Generated profitable software sales and licenses.

- Built strong client base that served diverse areas, including renewables, fuels, ratings, valuation and policy.
- Met tight deadlines and achieved quick turn-around times by providing clients with continually updated, fast, easy-to-use, and detailed solutions to complex studies.

GLOBAL ENERGY DECISIONS

Columbus, OH

2004 – 2007

Vice President, Product Management – Market Analytics Software

Identified emerging trends impacting electricity market participants. Communicated business requirements to software development teams. Maintained client relationships, including support and maintenance. Worked with sales executives, closing new contracts.

- Achieved high retention rate of existing clients.

M.S. GERBER & ASSOCIATES

Columbus, OH

1998 – 2004**President and COO**

Hired and worked with highly effective and motivated team, resulting in generation of significant consulting and software margins. Created or directed development of Transact Analyst, Customer Analyst, Risk Analyst and integrated these products with Finance Analyst and Monthly MIDAS modules.

- Grew M.S. Gerber & Associates over 400% in 4 years, while maintaining close to 100% retention rate of both clients and staff.
- Executed successful multi-year growth strategy, culminating in acquisition by Global Energy Associates.
- Developed and maintained strong client relationships through support and development, which lead to high retention rates and involved software User Group.
- Functioned as lead developer of MIDAS Gold® strategic planning tools for electricity industry:
 - Consulted in power system projects for over 30 North American power systems.
 - Contributed to over 20 integrated resource plans.
 - Performed and participated in multiple merger and acquisition studies.

Presentations and Publications

- Art of the Possible in Integrated Resource Planning, Greg Turk, IURC Contemporary Issues Conference, April 2017
- Is Yucca Enough? Scenarios Depict Possible Nuclear Waste Futures, Greg Turk and Tom Sweet, Public Utilities Fortnightly Magazine, July 2008.
- From Product Pricing to Corporate Valuation: Institutionalizing a Consistent View of Risk and Return, Doug Buresh and Greg Turk, EPRI International Pricing Conference, Washington DC, August 2000.
- Development of Forward Prices at KCPL, Doug Buresh and Greg Turk, IBC Forward Price Conference, Atlanta Georgia, February 1999.
- Applying Transact Analyst to NEPOOL Spot Prices, Greg Turk, IBC Forward Price Post-Conference Workshop, Baltimore, Maryland, August 1998.
- Valuing Generating Assets in Competitive Markets Using the MIDAS Gold® Model, Tony Artman, Greg Turk, Proceedings EPRI Generating Asset Management Conference, Baltimore, Maryland, July 1998.
- Environmental Externalities in a Least Cost Plan, presented at NARUC Biennial Regulatory Information Conference, Sept., 1990, Columbus OH.
- The Role of Electric Utility Modeling in Determining Acid Rain Policy: Implications for Ohio and the Midwest, Environmental / Physics Colloquium, Bowling Green State University, 1990.
- Least Cost Planning: A Regulator's Perspective, Panel Discussion, Midwest Least Cost Planning Conference, Purdue University, 1989.
- Uncertainty in Least-Cost Utility Planning, Proceedings: Biennial Regulatory Information Conference, Columbus, 1988.
- CO2 Transport: A New Application of the Assignment Problem, The Energy Journal. Volume 12, No. 2., pp. 123-30, 1987.
- Integrated Electricity Forecasting Model of the Indiana Public Service Commission, Proceedings: Biennial Regulatory Information Conference, Columbus, 1986.
- Use of Waste CO₂ from Electric Utilities for Enhanced Oil Recovery, presented at the ORSA / TIMS conference in Boston, MA, May 1985.