



Asha Patel
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Enbridge Gas Inc.
500 Consumers Road
North York, Ontario
M2J 1P8

March 25, 2022

VIA EMAIL and RESS

Nancy Marconi
Registrar
Ontario Energy Board
2300 Yonge Street, 27th Floor
Toronto, ON M4P 1E4

Dear Nancy Marconi:

**Re: Enbridge Gas Inc. (Enbridge Gas)
Ontario Energy Board (OEB) File: EB-2021-0002
Multi-Year Demand Side Management Plan (2022-2027)
Updated Curriculum Vitae (CV) for Expert Witness**

In advance of the Hearing scheduled to begin on March 28, 2022, Enbridge Gas is providing an updated CV for Edward Weaver of First Tracks Consulting.

Please contact the undersigned if you have any questions.

Yours truly,

Asha Patel
Technical Manager Regulatory Applications

cc: D. O'Leary, Aird & Berlis – VIA email
EB-2021-0002 Intervenors – Via email

EDWARD M. WEAVER

First Tracks Consulting Service, Inc.

President

Nederland, CO

2000 - present

Founder of management consulting company serving clients in the utility, energy service, and energy technology industries. Specializing in strategic consulting services, including long-term planning, business-cycle planning, procurement, organizational development, regulatory support, and stakeholder engagement. Developed dozens of business plans, integrated resource plans, and energy efficiency plans, covering hundreds of energy efficiency programs and new energy technologies. Helped clients develop and operate over \$6 billion in energy efficiency services and over 2 GW of electric generation. Testified in 16 state utility commission proceedings. Participated in and facilitated dozens of stakeholder groups. Completed projects in over 40 North American states and provinces. Performed techno-economic analysis in emerging technology markets.

LongPath Technologies

Chief Executive Officer

Partner

Boulder, CO

2017 - 2018

2017-present

Co-founder of technology startup providing laser-based air quality services to the oil and gas industry. Company leverages Nobel-Prize winning laser technology developed at the University of Colorado and the National Institute of Standards and Technology to manufacture and deploy autonomous, wide-area methane monitoring networks using a service company business model. Responsible for strategic direction, licensing agreements, investor relations, business development, and strategic partnerships.

Rolling Energy Resources

Partner

Boulder, CO

2021-present

Minority partner in technology startup providing smart EV charging services.

PG&E Energy Services, Inc.

Director, Strategy & Planning (and other titles)

San Francisco, CA/Boulder, CO

1997 - 2000

Reported directly to the CEO of retail service company selling electricity, natural gas, and other energy services to customers throughout the United States. Responsible for business planning, commodity market strategy, strategic alliances, and risk management.

Barakat & Chamberlin, Inc.

Principal/Partner (and other titles)

Oakland, CA/Boulder, CO

1988 - 1997

Partner Managed multimillion dollar practice within international management consulting firm. Specialized in business planning, new business creation, integrated resource planning, and power supply procurement.

Burlington Electric Department

Demand-Side Planner

Burlington, VT

1987 - 1988

Developed first integrated resource plan for municipal electric utility. Managed rate department.

Vermont Department of Public Service

Electricity Planner

Montpelier, VT

1985 - 1987

Responsible for statewide energy planning. Primary author of 1997 State Electricity Plan.

Energy Systems Research Group (Now Tellus Institute)

Research Assistant

Boston, MA

1979 - 1985

Contributed to projects involving energy efficiency, resource planning, and litigation support.

EDUCATIONAL RECORD

Massachusetts Institute of Technology, Bachelor of Science, 1984

Graduate courses in economics and statistics, University of Vermont, 1986-87

SELECTED FIRST TRACKS AND BARAKAT & CHAMBERLIN CLIENTS

Alberta Power	IPS Electric
Ameren Illinois	Lower Colorado River Authority
Ameren Missouri	Los Angeles Department of Water & Power
American Electric Power	Midwest Gas
Arkansas Public Service Commission	Midwest Power
Arizona Public Service	MidAmerican Energy
Atmos Energy	National Grid
BC Hydro	National Institutes of Standards and Technology
Boulder County (CO)	Nature Conservancy
Burlington Electric Department	Newfoundland & Labrador Hydro
Canadian Electrical Association	New York Power Authority
Cinergy	Nicor Gas
Chevron Energy Solutions	North Shore Gas
City Public Service (San Antonio, TX)	Oklahoma Gas & Electric
City Utilities (Springfield, MO)	Pacific Gas & Electric
City of Boulder, CO	Pennsylvania Public Utilities Commission
Colorado Governor's Energy Office	Peoples Gas
Colorado Natural Gas	PSI/Energy
Colorado Public Utilities Commission	Public Service Company of Colorado
Colorado Springs Utilities	Public Service Company of New Mexico
Commonwealth Edison	Public Service Company of Oklahoma
Consumers Energy	PSEG
Delmarva Power	Salt River Project
Detroit Edison	SourceGas
Electric Power Research Institute	Southwestern Electric Power Company
Enbridge	Southwestern Public Service
Energy Conversion Devices	Southern California Edison
E Source	Southern California Gas
Eversource	Texaco Ovonic Battery Systems
Georgia Power	Texaco Ovonic Hydrogen Systems
Hawaii Department of Business, Economic Development & Tourism	Trane
Iowa Power	University of Colorado
Iowa Utilities Association	Vectren Retail

TESTIMONY AND SUBMITTALS BEFORE PUBLIC UTILITIES COMMISSIONS

2018: Illinois Commerce Commission, Docket 18-1688
2018: Illinois Commerce Commission, Docket 18-1135
2013: Illinois Commerce Commission, Docket 13-0549
2010: Illinois Commerce Commission, Docket 10-0568
2008: Iowa Utilities Board, Docket EEP-08-2
2007: Illinois Commerce Commission, Docket 08-0108
2003: Iowa Utilities Board, Docket EEP-03-1
1996: Iowa Utilities Board, Docket EEP-95-3
1994: Iowa Utilities Board, Docket ECR-94-1
1994: Hawaii Public Utilities Commission, Docket 94-0206
1994: Iowa Utilities Board, Docket ECR-93-2
1993: Hawaii Public Utilities Commission, Docket 7257
1993: Colorado Public Utilities Commission, Docket 91A-481EG
1992: Iowa Utilities Board, Dockets EEP-91-8/92-1
1991: Iowa Utilities Board, Docket EEP-91-3
1988: Vermont Public Service Board, Docket 5270
1987: Vermont Public Service Board, Docket 5177

EXPERIENCE WITH AMORTIZATION, PERFORMANCE INCENTIVES, AND REGULATORY FINANCE

Energy Systems Research Group:

Financial Modeling and Revenue Requirements Forecasting

- Kansas City Power & Light
- Kansas Gas & Electric
- Kansas Electric Power Cooperative
- Kentucky Power
- Kentucky Utilities
- Louisville Gas & Electric
- East Kentucky Power Cooperative
- Big Rivers Electric Corporation

Cost of Capital and Fair Rate of Return

- Cleveland Electric Illuminating
- UGI
- Blackstone Valley Electric Company

Burlington Electric Department

Responsible for retail rates, including rate case before Vermont Public Utilities Board

Barakat & Chamberlin

Rate Case Support

- Southern California Edison

Demand-Side Management Revenue Requirements and Pricing

- Southern California Edison
- Los Angeles Department of Water and Power
- MidAmerican Energy and its predecessor companies (Iowa Power, Iowa Public Service, Midwest Gas, Midwest Power)

Amortization and Performance Incentives

- PSI/Energy
- MidAmerican Energy and its predecessor companies (Iowa Power, IPS Electric, Midwest Gas, Midwest Energy)
- Public Service Company of Colorado
- Detroit Edison
- BC Hydro
- Canadian Electrical Association
- Electric Power Research Institute

First Tracks Consulting Service

Rate Case Support

- American Electric Power
- Oklahoma Gas & Electric
- Public Service Company of Oklahoma
- Southwestern Electric Power Company

Demand-Side Management Revenue Requirements and Pricing

- MidAmerican Energy
- Salt River Project
- Nicor Gas

Amortization and Performance Incentives

- MidAmerican Energy
- Atmos Energy
- SourceGas
- Colorado Natural Gas
- Colorado Public Utilities Commission
- Nicor Gas
- ComEd
- Ameren Missouri
- Enbridge