

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

ANR Pipeline Company

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Docket No. RP16 - ____

**PREPARED DIRECT TESTIMONY OF
PATRICK R. CROWLEY
ON BEHALF OF
ANR PIPELINE COMPANY**

CROWLEY CURRICULUM VITAE

Washington, DC

Curriculum Vitae

Patrick R Crowley
Vice President/Consultant, Suite 1004
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BA Economics – DePaul University, Chicago, IL 1976

MA Economics – DePaul University, Chicago, IL 1978

Patrick Crowley is a regulatory energy consultant with over 36 years' experience as an economist and expert witness in energy litigation as an independent consultant and an analyst with the Federal Energy Regulatory Commission in Washington, D.C.

Mr. Crowley joined the Federal Energy Regulatory Commission in 1979 where he held various positions within the FERC, gaining proficiency at long-term natural resource discovery & production forecasting, actuarial analysis of physical plant life span expectancies, depreciation accounting, regulatory cost-of-service rate making, rate base composition, cost allocation methodologies, partnership income tax allowance, energy market bidding platforms and strategies, pipeline rate design, master limited partnership income allocation structures, market power analysis, and market anomalies investigation. While an employee at FERC, Mr. Crowley filed written testimony and was cross-examined in numerous rate case proceedings, participated in hundreds of settlement negotiations, prepared and reviewed discovery for litigation, prepared and filed supporting exhibits and documentation in litigated rate cases, and led multi-disciplinary teams in rate case analysis and the investigation of energy market abuses.

He left the FERC to create Crowley Energy Consulting in 2007, offering technical analysis and expert testimony in energy litigation involving natural gas pipeline, oil pipeline, and electric transmission matters before federal and state regulatory commissions. Mr. Crowley prepared and filed written testimony, affidavits, and comments before FERC, and provided oral testimony supporting his filed positions in numerous rate case proceedings.

Mr. Crowley joined BWMQ in 2013 to head up the depreciation studies work for this comprehensive energy regulatory firm. He has engaged in several such studies to date and filed testimony in five FERC rate cases as noted on the following pages.

Brown Williams Moorhead & Quinn, Inc.

Tallgrass Interstate Gas Transmission, Docket No. RP16-137-000

Sabine Pipe Line, LLC, Docket No. RP15-1322-000

Gulf South Pipeline Company, LP Docket No. RP13-65-000

Southern Star Central Gas Pipeline Company, Inc. Docket RP13-941-000

Trailblazer Pipeline Company, Docket No. RP13-1013-000

Crowley Energy Consulting

Florida Gas Transmission, Docket No. RP10-21-000;

SFPP, L.P. General Rate Application (PLC-9 Oil), CPUC Application No. 09-05-014;

Belle Fourche Pipeline Co. Docket No. IS09-92 & Bridger Pipeline, LLC, Docket No. IS09-93

Rockies Express Shippers v Northern Natural Gas Company, Docket No. RP08-29-000;

BP West Coast Products v CalNev Pipe Line, LLC, Docket No. OR07-22-000;

Assessment of Information Requirements for FERC Financial Forms, Docket No. RM07-2-000;

Composition of Proxy Groups for Pipeline ROE, Docket No. PL07-2-000.

Crowley Testimony as Employee of FERC

Northern Border Pipeline Company, RP06-72-000;

SFPP, LP, Docket No. IS05-230-000;

Enron Power Marketing Inc., Docket No. EL03-180-000, *et al.*;

Sinclair Oil Corporation v Rocky Mountain Pipeline System, LLC

& BP Pipelines (North America), Inc., Docket No. OR02-6-000;

Ameren Services Company, Docket No. ER02-929-000;

PowerEx Corporation, Docket Nos. EL03-166-000 & EL03-199-000;

Avista Corporation & Avista Energy, Docket No. EL02-115-000;

Big West Oil Co. & Chevron Products Co. v Frontier Pipeline Inc.

& Express Pipeline Partnership, Docket No. OR02-2-000 & OR02-4-000;

Big West Oil Co. & Chevron Products Co. v Anschutz Ranch East Pipeline Co.

& Express Pipeline Partnership, Docket No. OR02-1-000 & OR02-3-000;

Boston Edison Company, Docket No. ER01-890-000;

Montana Power Company, Docket No. ER98-2382-000;

San Diego Gas & Electric Company v Public Service Co. of New Mexico,

Docket Nos. EL97-54-002 & EL99-21-000;

Crowley Depreciation Testimony as Employee of FERC:

Natural Gas Pipeline Company of America, Docket No. RP93-36-000;
Tarpon Transmission Company, Docket No. RP92-164-00;
Mississippi River Transmission Corporation, Docket Nos. RP89-248-000 & RP90-75-000;
U-T Offshore System, Docket No. RP89-38-000;
High Island Offshore System, Docket No. RP89-37-000;
Transcontinental Gas Pipeline Co., Docket No. RP87-7-000;
Southwest Gas Storage Company, Docket No. RP89-60-000;
Paiute Pipeline Company, Docket No. RP88-227-000;
Natural Gas Pipeline Company of America, Docket No. RP88-209-000;
Sea Robin Pipeline Company, Docket No. RP88-181-000;
Pacific Gas Transmission Company, Docket No. RP87-62-000;
National Fuel Gas Supply Corporation, Docket No. RP86-136-000;
Tarpon Transmission Company, Docket No. RP84-82-000;
Black Marlin Pipeline Company, Docket No. RP81-67-000.

Non-Litigated Oil Pipeline Cost of Service Analyses at FERC:

Olympic Pipe Line Company Docket No. IS03-218-000;
Platte Pipeline Docket No. IS02-384-000;
Express Pipeline Docket No. IS02-81-000;
Chevron Products, Inc. v Anschutz Ranch East Pipeline Co. Docket No. OR02-03-000;
Conoco Pipe Line Co., Docket Nos. IS01-444-000 & IS01-445-000;
Olympic Pipe Line Company, Docket No. IS01-441-000;
EOTT Energy Operating Ltd. v Conoco P/L Corp. Docket No. OR00-11.