



September 10, 2020

Louisiana Public Service Commission
Office of the General Counsel
602 North Fifth Street
Baton Rouge, Louisiana 70802

Attention: Kathryn H. Bowman

RE: RFP 20-14, Docket No. TBD

ReSolved Energy Consulting, LLC (“REC”) is pleased to submit this Proposal for Services to the Louisiana Public Service Commission (“LPSC” or “Commission”) for consulting services in the review of the *Southwest Louisiana Electric Membership Corporation Application for Approval to Acquire and Install an Automated Metering System and Request for Cost Recovery and Related Relief*. This proposal describes the consulting services REC will provide including:

- A. Statement of the Project
- B. Firm Profile
- C. Work Plan
- D. Prior Experience
- E. References
- F. Personnel
- G. Statement of Potential Conflicts of Interests
- H. Budget Estimates
- I. Authorized Signature
- J. Resumes

REC believes this proposal is responsive to the LPSC’s needs and that the results of REC’s consulting efforts will ensure that the LPSC is prepared to address any issues brought forth as a result of this review and analysis. We are confident that we can serve the Commission’s needs and look forward to working with the Commission staff.

Thank you for the opportunity to prepare this proposal for services. If you have any questions regarding this proposal, please feel free to call me at (512) 331 – 4949, extension 105.

Very truly yours,

Karl J. Nalepa
President



Proposal for Services

**Louisiana Public Service Commission
Request for Proposals No. 20-14**

**Outside Consultant to Assist Staff with the
Southwest Louisiana Electric Membership Corporation
Application for Approval to Acquire and Install an
Automated Metering System and Request for
Cost Recovery and Related Relief**

September 10, 2020

TABLE OF CONTENTS

A. STATEMENT OF THE PROJECT	1
B. FIRM PROFILE	1
C. WORK PLAN	2
D. PRIOR EXPERIENCE	3
E. REFERENCES.....	5
F. PERSONNEL	6
G. STATEMENT OF POTENTIAL CONFLICTS OF INTEREST.....	7
H. BUDGET ESTIMATE.....	7
I. AUTHORIZED SIGNATURE.....	8
J. APPENDIX - RESUMES	9

***Proposal for
Louisiana Public Service Commission
RFP 20-14
Outside Consultant to Assist Staff with the
Southwest Louisiana Electric Membership Corporation
Application for Approval to Acquire and Install an Automated
Metering System and Request for Cost Recovery and Related Relief***

A. STATEMENT OF THE PROJECT

Southwest Louisiana Electric Membership Corporation (“SLEMCO”) filed an application seeking approval of an automated metering system (“AMS”) pursuant to the Commission General Order dated September 22, 2009 (“AMS/DR General Order”). The Company’s current automated meter reading system (“AMR”) was installed approximately 15 years ago and SLEMCO has indicated that it is currently experiencing issues with the system such as delay in delivery of new meters, increased meter failures, and increased labor costs for re-reads and missed reads. Along with fixing the issues mentioned previously, SLEMCO recognized that implementation of a new AMS will assist in the Company obtaining a more favorable power supply contract when the current contract expires in 2025.

Utilities are provided the opportunity to recover through approved rates and charges prudently incurred advanced metering costs pursuant to Section 3.4 of the AMS/DR General Order. SLEMCO is requesting approval of a rate rider to recover the expenses associated with the installation of the proposed AMS.

ReSolved Energy Consulting’s (“REC”) task is to assist the LPSC Staff (“Staff”) in reviewing the Company’s request, determining if the request is compliant with all applicable Commission Orders, and making a recommendation on whether the proposed AMS is in the public interest. REC will review SLEMCO’s application, draft data requests and review responses, participate in informal meetings with Staff and SLEMCO, assist in drafting direct testimony including any exhibits, review and respond to rebuttal testimony, as well as assist with preparing any cross-testimony. REC will also assist in trial preparation including cross-examination of witnesses, drafting related pleadings and motions, and review and analyze potential stipulation terms. In addition, REC will be available to participate in meetings, calls, and conferences with the Commission and Staff as well as attend any necessary Business and Executive Sessions.

B. FIRM PROFILE

ReSolved Energy Consulting, LLC is a consulting firm specializing in the electric and natural gas utility industry since 1998. REC services include regulatory assistance, resource planning,

**LOUISIANA PUBLIC SERVICE COMMISSION
PROPOSAL FOR OUTSIDE CONSULTANT TO ASSIST STAFF WITH SOUTHWEST LOUISIANA
ELECTRIC MEMBERSHIP CORPORATION APPLICATION FOR APPROVAL TO ACQUIRE AND
INSTALL AN AUTOMATED METERING SYSTEM AND REQUEST FOR COST RECOVERY AND
RELATED RELIEF, RFP 20-14**

power supply analysis and procurement, economic and financial analysis, cost of service analysis and rate design, competitive assessment, litigation support, and load aggregation services.

REC personnel regularly participate in utility regulatory proceedings. These activities often include representing the interests of municipalities and their ratepayers in utility base rate or fuel cost proceedings, fuel reconciliation and refund filings, annual rate adjustments such as transmission, distribution, and purchased power cost recovery factors, and other such filings by investor owned utilities. REC has also represented public power entities in base rate and wholesale transmission rate increase requests. Most of our assignments have been before Texas regulatory bodies, but REC consultants have provided services throughout the country.

In addition to regulatory proceeding engagements, REC is also experienced in the procurement of energy supplies at both a wholesale and retail level and has also assisted clients in asset divestiture and procurement. Following are some representative projects in which REC has assisted clients in these matters.

Since 2001 REC has served as technical consultant to a large power aggregation group that since 2011 is called Texas Cities for Affordable Power (“TCAP”). This group is comprised of over 160 Texas cities and political subdivisions. REC’s duties include supply procurement, including issuance of RFPs for power supplies and the negotiation of power supply agreements, provide technical assistance on electric issues, assist individual members with electric problems, and provide new and innovative approaches for saving members money via innovative procurement and contracting. REC developed and implemented one of the first arrangements in the Texas deregulated market where customers separately procure power and REP services from alternative providers.

As consultant to a large Texas municipal utility, REC performed financial analysis and negotiated provisions of the sale of generation assets by the utility to a third party, as well as negotiating a related multi-year transitional power agreement for the municipal utility. In addition, working as consultant to a Texas municipal utility, REC solicited and negotiated a multi-year power purchase agreement totaling \$200 million for full requirements wholesale electric supply and QSE and energy balancing services in ERCOT. Furthermore, REC consultants have served as project advisor for numerous other power purchase contracts, interconnection agreements, and a construction contract for a 700 MW combined cycle generation project in Texas.

For additional information please visit our web site at www.ReSolvedEnergy.com.

C. WORK PLAN

Consultants will review SLEMCO’s proposed AMS program along with the requirements set by the Commission’s General Order for advanced metering systems dated September 22, 2009 in Docket Nos. R-29213 and R-29213-A. In addition to reviewing the General Order requirement

**LOUISIANA PUBLIC SERVICE COMMISSION
 PROPOSAL FOR OUTSIDE CONSULTANT TO ASSIST STAFF WITH SOUTHWEST LOUISIANA
 ELECTRIC MEMBERSHIP CORPORATION APPLICATION FOR APPROVAL TO ACQUIRE AND
 INSTALL AN AUTOMATED METERING SYSTEM AND REQUEST FOR COST RECOVERY AND
 RELATED RELIEF, RFP 20-14**

REC will also review other programs that have been certified by the Commission to determine the reasonableness of the proposed program, considering the technologies proposed and viability of the proposed deployment schedule. REC is currently assisting Staff in reviewing DEMCO’s request to certify its upgraded Advanced Metering System and associated cost recovery and will apply the knowledge gained in that analysis to evaluate SLEMCO’s proposed new AMS program.

Proposed Work Plan

REC submits the following proposed work plan to complete the scope described above:

Activity	Description	Date
Task		
1	Review Application, testimony and exhibits	October 2020
2	Draft data requests and review responses	October 2020 – November 2020
3	Participate in informal meetings with Staff and SLEMCO	November 2020
4	Research and analyze Application; prepare preliminary findings	November 2020-December 2020
5	Consult with Staff and develop testimony	January 2021
6	Respond to data requests and rebuttal testimony; develop cross-answering testimony if needed	February 2021
7	Assist Staff in trial preparation, including cross-examination of witnesses, pleadings and other motions	March 2021
8	Assist Staff in settlement negotiations and analyze stipulation terms	March 2021
9	Participate in meetings with Commission and Staff to answer questions as necessary	June 2021
10	Appear at B&E Session as resource witness	August 2021

D. PRIOR EXPERIENCE

REC has assisted the Louisiana Public Service Commission Staff in a number of utility dockets, including:

**LOUISIANA PUBLIC SERVICE COMMISSION
PROPOSAL FOR OUTSIDE CONSULTANT TO ASSIST STAFF WITH SOUTHWEST LOUISIANA
ELECTRIC MEMBERSHIP CORPORATION APPLICATION FOR APPROVAL TO ACQUIRE AND
INSTALL AN AUTOMATED METERING SYSTEM AND REQUEST FOR COST RECOVERY AND
RELATED RELIEF, RFP 20-14**

<u>Docket No.</u>	<u>Description</u>
U-31971	<i>Joint Application of Entergy Louisiana, LLC for Approval to Construct Unit 6 at Ninemile Point Station and of Entergy Gulf States Louisiana, L.L.C. for Approval to Participate in a Related Contract for the Purchase of Capacity and Electric Energy, for Cost Recovery and Request for Timely Relief.</i>
U-33033	<i>Joint Application of Entergy Louisiana, LLC and Entergy Gulf States Louisiana, LLC for Certification of First Year Revenue Requirement Associated with Construction of Ninemile 6 and Related Purchase Power Agreement and Request for Timely Relief.</i>
Undocketed	<i>Entergy Service's Inc.'s 2014 Request for Proposals for Limited Term Capacity-Only Products.</i>
X-33322	<i>Audit of Southwestern Electric Power Company's charges flowed through its Fuel Adjustment Charge, Pursuant to Commission General Order U-21497 from the Period Beginning January 1, 2005 Through December 31, 2013 (2005-2013).</i>
U-33492	<i>Dixie Electric Membership Corporation's Formula Rate Plan Annual Filings Pursuant to Order No. U-33063-A.</i>
X-33577	<i>Investigation into the Ability of Southwestern Electric Power Company to Maintain Service During Severe Weather Events.</i>
U-33633	<i>Application of Entergy Louisiana, LLC for Review of the Management of the Construction of Ninemile 6, Pursuant to Order No. U-31971.</i>
U-33906	<i>Dixie Electric Membership Corporation's Formula Rate Plan Annual Filings Pursuant to Order No. U-33063-A.</i>
U-34199	<i>Southwestern Electric Power Company's Annual Formula Rate Plan Reports</i>
U-34344	<i>Dixie Electric Membership Corporation's 2016 Formula Rate Plan Annual Filing.</i>
U-34675	<i>Southwestern Electric Power Company's 2015 Annual Formula Rate Plan Report.</i>
U-34717	<i>Dixie Electric Membership Corporation's 2017 Formula Rate Plan Annual Filing.</i>
U-34806	<i>Southwestern Electric Power Company's 2017 Annual Formula Rate Plan Report.</i>
U-35131	<i>Investigative Audit into the Managerial and Financial Activities of Dixie Electric Membership Corporation.</i>
U-35173	<i>Audit of Southwestern Electric Power Company's charges flowed through its Fuel Adjustment Charge from the Period Beginning January 1, 2016 Through December 31, 2018 (2016-2018).</i>

**LOUISIANA PUBLIC SERVICE COMMISSION
PROPOSAL FOR OUTSIDE CONSULTANT TO ASSIST STAFF WITH SOUTHWEST LOUISIANA
ELECTRIC MEMBERSHIP CORPORATION APPLICATION FOR APPROVAL TO ACQUIRE AND
INSTALL AN AUTOMATED METERING SYSTEM AND REQUEST FOR COST RECOVERY AND
RELATED RELIEF, RFP 20-14**

U-35359 *Dixie Electric Membership Corporation's 2019 Rate Filing to Increase Revenues, Approve a Formula Rate Plan, and Certify an Advanced Metering System and Associated Cost Recovery.*

REC's project manager, Mr. Karl Nalepa, has broad experience in the regulation of electric and gas utilities, including service as a Fuel Analyst with the Public Utility Commission of Texas. REC consultants also have a broad base of requisite experience working for electric utilities (including IOUs and public power), independent power generators and other market participants with a particular interest in the Texas and Louisiana markets. Our staff has direct experience in Louisiana markets from both an employee and consultant perspective and understands the many challenges and unique features of the Louisiana market.

In evaluating the qualifications of firms offering to provide assistance to Staff on this project, you will find that REC has a unique combination of talent and experience that sets us apart from other consulting firms. REC consultants have both utility operating and regulatory commission backgrounds. REC's professionals have performed numerous fuel costs reviews, resource planning and power supply procurement studies, revenue requirement analyses and rate design engagements involving critical analysis of the issues and preparation of testimony to support positions to address our client's needs and concerns. REC consultants are knowledgeable of accounting standards and electric utility practices including affiliate transactions; generation fuel supply requirements; purchased power requirements; fuel markets and contracting; and the development of base rates, fuel adjustment clauses and other such pricing mechanisms.

E. REFERENCES

Stone Pigman Walther Wittmann L.L.C.
Mr. Paul L. Zimmering, Esq.
546 Carondelet Street
New Orleans, Louisiana 70130
(504) 581-3200

Lloyd Gosselink Rochelle & Townsend, P.C.
Mr. Geoffrey M. Gay
816 Congress Avenue, Suite 1900
Austin, TX 78701
(512) 322-5875

The Lawton Law Firm
Mr. Dan Lawton
12600 Hill Country Blvd.
Suite R-275
Austin, TX 78738
(512) 322-0019

**LOUISIANA PUBLIC SERVICE COMMISSION
PROPOSAL FOR OUTSIDE CONSULTANT TO ASSIST STAFF WITH SOUTHWEST LOUISIANA
ELECTRIC MEMBERSHIP CORPORATION APPLICATION FOR APPROVAL TO ACQUIRE AND
INSTALL AN AUTOMATED METERING SYSTEM AND REQUEST FOR COST RECOVERY AND
RELATED RELIEF, RFP 20-14**

Herrera Law & Associates, PLLC
Mr. Alfred Herrera
4400 Medical Parkway
Austin, TX 78756
(512) 474-1492

F. PERSONNEL

REC's project team is proposed to consist of two highly experienced consultants. Although we do not anticipate using other REC consultants during this engagement, additional REC personnel are available to provide additional assistance to this project, if necessary. Brief descriptions of each consultant who will participate in this project are provided below along with that consultant's role in this project. Resumes of each of these individuals are provided in the attachments to this proposal.

REC's project manager will be Karl Nalepa, an economist with more than 35 years of experience in the energy sector. In addition to his consulting experience, he has previously held positions with both the Public Utility Commission of Texas and the Railroad Commission of Texas. He has extensive experience analyzing utility rate filings and has prepared and defended expert testimony in both administrative and civil proceedings. As a Railroad Commission Assistant Director, he managed staff participation in all aspects of contested proceedings. Mr. Nalepa has experience in utility cost-of-service and resource planning for electric and natural gas distribution utilities as well as experience in the analysis of accounting and economic data for determination of revenue requirements. Mr. Nalepa regularly provides consulting assistance in utility matters relating to pricing and regulatory issues. He has provided expert testimony before various regulatory agencies. Mr. Nalepa has been project manager for REC for numerous engagements relating to pricing, cost-of-service, revenue requirements, regulatory issues and other matters. Mr. Nalepa's responsibilities in this engagement include coordination and control of REC's consulting efforts, evaluation of regulatory compliance, and support of other REC consulting personnel in all aspects of REC's work efforts. He will serve as principal contact at REC and will direct the activities of other REC consultants in this engagement.

Erin Cromleigh is an energy consultant with twelve years of audit and utility regulatory experience. As a financial analyst with the Railroad Commission of Texas, she performed duties for gas utility hearings and legal support activities in the Market Oversight Section of the Oversight and Safety Division. In this position, Ms. Cromleigh appeared as a staff expert witness in gas utility rate cases and served as an examiner on gas utility filings such as interim rate adjustments, sales transfers & mergers, and abandonment of service requests. She also contributed to the implementation of new legislative requirements for propane distribution companies. As an auditor with the Texas State Auditor's Office, Ms. Cromleigh conducted various financial, compliance, and performance audits for numerous State agencies including multiple audits of the Employees Retirement System of Texas. Each audit required her to obtain an understanding of the agency's

**LOUISIANA PUBLIC SERVICE COMMISSION
PROPOSAL FOR OUTSIDE CONSULTANT TO ASSIST STAFF WITH SOUTHWEST LOUISIANA
ELECTRIC MEMBERSHIP CORPORATION APPLICATION FOR APPROVAL TO ACQUIRE AND
INSTALL AN AUTOMATED METERING SYSTEM AND REQUEST FOR COST RECOVERY AND
RELATED RELIEF, RFP 20-14**

policies, select samples and perform appropriate testing to obtain sufficient audit evidence and achieve the audit objectives.

G. STATEMENT OF POTENTIAL CONFLICTS OF INTEREST

The Consultants, ReSolved Energy Consulting and its team members, have no relationships between themselves and the companies under the jurisdiction of the Louisiana Public Service Commission, or with any subsidiaries or affiliates of such companies. To the best of our knowledge and belief, there are no real or potential conflicts of interest that exist between the Consultant and any utilities in Louisiana.

H. BUDGET ESTIMATE

Hourly Rates:

Mr. Karl Nalepa	\$270/hr
Ms. Erin Cromleigh	\$180/hr

Total Budget Estimate:

Professional Fees	\$39,400
<u>Other Costs*</u>	<u>\$1,800</u>
Total Fees and Costs:	\$41,200

* Travel, copies, postage

REC will only bill for actual hours of work performed and costs incurred. The proposed budget is based on REC's best estimate of the scope of the project as outlined in the RFP and REC will obtain approval of the Commission prior to any change in the budget. If the scope of the project changes as a result of actions outside the control of REC which result in an increase to the budget, the Commission must approve the change in budget prior to REC commencing work under the revised scope.

Note that the proposed budget does not include time for support activities which might continue after an Order is signed in these proceedings, such as rehearing on some or all issues, or appeals by any party to the proceedings. A budget for these activities will be developed in consultation with Commission Staff at that time.

**LOUISIANA PUBLIC SERVICE COMMISSION
PROPOSAL FOR OUTSIDE CONSULTANT TO ASSIST STAFF WITH SOUTHWEST LOUISIANA
ELECTRIC MEMBERSHIP CORPORATION APPLICATION FOR APPROVAL TO ACQUIRE AND
INSTALL AN AUTOMATED METERING SYSTEM AND REQUEST FOR COST RECOVERY AND
RELATED RELIEF, RFP 20-14**

I. AUTHORIZED SIGNATURE

RESOLVED ENERGY CONSULTING, LLC
11044 RESEARCH BLVD., SUITE A-420
AUSTIN, TEXAS 78759
PHONE: (512) 331-4949, EXT. 105

KARL J. NALEPA
PRESIDENT

**LOUISIANA PUBLIC SERVICE COMMISSION
PROPOSAL FOR OUTSIDE CONSULTANT TO ASSIST STAFF WITH SOUTHWEST LOUISIANA
ELECTRIC MEMBERSHIP CORPORATION APPLICATION FOR APPROVAL TO ACQUIRE AND
INSTALL AN AUTOMATED METERING SYSTEM AND REQUEST FOR COST RECOVERY AND
RELATED RELIEF, RFP 20-14**

J. APPENDIX - RESUMES

KARL J. NALEPA

Mr. Nalepa is an energy economist with more than 35 years of private and public sector experience in the electric and natural gas industries. He has extensive experience analyzing utility rate filings and resource plans with particular focus on fuel and power supply requirements, quality of fuel supply management, and reasonableness of energy costs. Mr. Nalepa developed peak demand and energy forecasts for municipal and electric cooperative utilities and has forecast the price of natural gas in ratemaking and resource plan evaluations. He led a management and performance review of the Texas Public Utility Commission and has conducted performance reviews and valuation studies of a number of municipal utility systems. Mr. Nalepa previously directed the Railroad Commission of Texas' Regulatory Analysis & Policy Section, with responsibility for preparing timely natural gas industry analysis, managing ratemaking proceedings, mediating informal complaints, and overseeing consumer complaint resolution. He has prepared and defended expert testimony in both administrative and civil proceedings and has served as a technical examiner in natural gas rate proceedings.

EDUCATION

- | | |
|------|---|
| 1998 | Certificate of Mediation
Dispute Resolution Center, Austin |
| 1989 | NARUC Regulatory Studies Program
Michigan State University |
| 1988 | M.S. - Petroleum Engineering
University of Houston |
| 1980 | B.S. - Mineral Economics
Pennsylvania State University |

PROFESSIONAL HISTORY

- | | |
|-------------|--|
| 2003 - | ReSolved Energy Consulting
President and Managing Director |
| 1997 – 2003 | Railroad Commission of Texas
Asst. Director, Regulatory Analysis & Policy |
| 1995 – 1997 | Karl J. Nalepa Consulting
Principal |
| 1992 – 1995 | Resource Management International, Inc.
Supervising Consultant |
| 1988 – 1992 | Public Utility Commission of Texas
Fuels Analyst |
| 1980 – 1988 | Transco Exploration Company
Reservoir and Evaluation Engineer |

AREAS OF EXPERTISE

Regulatory Analysis

Electric Power: Analyzed electric utility rate, certification, and resource forecast filings. Assessed the quality of fuel supply management, and reasonableness of fuel costs recovered from ratepayers. Projected the cost of fuel and purchased power. Estimated the impact of environmental costs on utility resource selection. Participated in regulatory rulemaking activities. Provided expert staff testimony in a number of proceedings before the Texas Public Utility Commission.

As consultant, represent interests of municipal clients intervening in large utility rate proceedings through analysis of filings and presentation of testimony before the Public Utility Commission. Also assist municipal utilities in preparing and defending requests to change rates and other regulatory matters before the Public Utility Commission.

Natural Gas: Directed the economic regulation of gas utilities in Texas for the Railroad Commission of Texas. Responsible for monitoring, analyzing and reporting on conditions and events in the natural gas industry. Managed Commission staff representing the public interest in contested rate proceedings before the Railroad Commission and acted as technical examiner on behalf of the Commission. Mediated informal disputes between industry participants and directed handling of customer billing and service complaints. Oversaw utility compliance filings and staff rulemaking initiatives. Served as a policy advisor to the Commissioners.

As consultant, represent interests of municipal clients intervening in large utility rate proceedings through analysis of filings and presentation of testimony before the cities and Railroad Commission. Also assist small utilities in preparing and defending requests to change rates and other regulatory matters before the Railroad Commission.

Litigation Support

Retained to support litigation in natural gas contract disputes. Analyzed the results of contract negotiations and competitiveness of gas supply proposals considering gas market conditions contemporaneous with the period reviewed. Supported litigation related to alleged price discrimination related to natural gas sales for regulated customers. Provided analysis of regulatory and accounting issues related to ownership of certain natural gas distribution assets in support of litigation against a natural gas utility. Supported independent power supplier in binding arbitration regarding proper interpretation of a natural gas transportation contract. Provided expert witness testimony in administrative and civil court proceedings.

Utility System Assessment

Led a management and performance review of the Public Utility Commission. Conducted performance reviews and valuation studies of municipal utility systems. Assessed ability to compete in the marketplace and recommended specific actions to improve the competitive position of the utilities. Provided

comprehensive support in the potential sale of a municipal gas system, including preparation of a valuation study and all activities leading to negotiation of contract for sale and franchise agreements.

Energy Supply Analysis

Reviewed system requirements and prepared requests for proposals (RFPs) to obtain natural gas and power supplies for both utility and non-utility clients. Evaluated submittals under alternative demand and market conditions and recommended cost-effective supply proposals. Assessed supply strategies to determine optimum mix of available resources.

Econometric Forecasting

Prepared econometric forecasts of peak demand and energy for municipal and electric cooperative utilities in support of system planning activities. Developed forecasts at the rate class and substation levels. Projected price of natural gas by individual supplier for Texas electric and natural gas utilities to support review of utility resource plans.

Reservoir Engineering

Managed certain reserves for a petroleum exploration and production company in Texas. Responsible for field surveillance of producing oil and natural gas properties, including reserve estimation, production forecasting, regulatory reporting, and performance optimization. Performed evaluations of oil and natural gas exploration prospects in Texas and Louisiana.

PROFESSIONAL MEMBERSHIPS

Society of Petroleum Engineers
International Association for Energy Economics

SELECT PUBLICATIONS, PRESENTATIONS, AND TESTIMONY

- “Summary of the USAEE Central Texas Chapter’s Workshop entitled ‘EPA’s Proposed Clean Power Plan Rules: Economic Modeling and Effects on the Electric Reliability of Texas Region,’” with Dr. Jay Zarnikau and Mr. Neil McAndrews, USAEE Dialogue, May 2015
- “Public Utility Ratemaking,” EBF 401: Strategic Corporate Finance, The Pennsylvania State University, September 2013
- “What You Should Know About Public Utilities,” EBF 401: Strategic Corporate Finance, The Pennsylvania State University, October 2011
- “Natural Gas Markets and the Impact on Electricity Prices in ERCOT,” Texas Coalition of Cities for Fair Utility Issues, Dallas, October 2008
- “Natural Gas Regulatory Policy in Texas,” Hungarian Oil and Gas Policy Business Colloquium, U.S. Trade and Development Agency, Houston, May 2003
- “Railroad Commission Update,” Texas Society of Certified Public Accountants, Austin, April 2003
- “Gas Utility Update,” Railroad Commission Regulatory Expo and Open House, October 2002
- “Deregulation: A Work in Progress,” Interview by Karen Stidger, *Gas Utility Manager*, October 2002
- “Regulatory Overview: An Industry Perspective,” Southern Gas Association’s Ratemaking Process Seminar, Houston, February 2001
- “Natural Gas Prices Could Get Squeezed,” with Commissioner Charles R. Matthews, *Natural Gas*, December 2000
- “Railroad Commission Update,” Texas Society of Certified Public Accountants, Austin, April 2000
- “A New Approach to Electronic Tariff Access,” Association of Texas Intrastate Natural Gas Pipeline Annual Meeting, Houston, January 1999
- “A Texas Natural Gas Model,” United States Association for Energy Economics North American Conference, Albuquerque, 1998
- “Texas Railroad Commission Aiding Gas Industry by Updated Systems, Regulations,” *Natural Gas*, July 1998
- “Current Trends in Texas Natural Gas Regulation,” Natural Gas Producers Association, Midland, 1998
- “An Overview of the American Petroleum Industry,” Institute of International Education Training Program, Austin, 1993
- Direct testimony in PUC Docket No. 10400 summarized in *Environmental Externality*, Energy Research Group for the Edison Electric Institute, 1992
- “God’s Fuel - Natural Gas Exploration, Production, Transportation and Regulation,” with Danny Bivens, Public Utility Commission of Texas Staff Seminar, 1992
- “A Summary of Utilities’ Positions Regarding the Clean Air Act Amendments of 1990,” Industrial Energy Technology Conference, Houston, 1992
- “The Clean Air Act Amendments of 1990,” Public Utility Commission of Texas Staff Seminar, 1992

**KARL J. NALEPA
TESTIMONY FILED**

DKT NO.	DATE	REPRESENTING	UTILITY	PHASE	ISSUES
<u>Before the Public Utility Commission of Texas</u>					
50790	Jul 20	Office of Public Counsel	Entergy Texas, Inc.	Sale, Transfer, Merger	Public Interest Review
50714	May 20	Cities	Entergy Texas Inc.	DCRF	DCRF Methodology
50110	Dec 19	Denton Municipal Electric	Denton Municipal Electric	Interim TCOS	Wholesale Transmission Rate
49831	Feb 20	Xcel Municipalities	Southwestern Public Service	Cost of Service	Cost of Service
49737	Jan 20	Office of Public Counsel	SWEPCO	CCN	Public Interest Review
49594	Jul 19	Oncor Cities	Oncor Electric Delivery	EECRF	EECRF Methodology
49592	Jul 19	AEP Cities	AEP Texas Inc.	EECRF	EECRF Methodology
49586	Jul 19	TNMP Cities	Texas-New Mexico Power	EECRF	EECRF Methodology
49583	Aug 19	Gulf Coast Coalition	CenterPoint Energy Houston	EECRF	EECRF Methodology
49496	Jun 19	City of El Paso	El Paso Electric	EECRF	EECRF Methodology
49494	Jul 19	AEP Cities	AEP Texas Inc.	Cost of Service	Plant Additions
49421	Jun 19	Office of Public Counsel	CenterPoint Energy Houston	Cost of Service	Cost of Service
49395	May 19	City of El Paso	El Paso Electric	DCRF	DCRF Methodology
49148	Apr 19	City of El Paso	El Paso Electric	TCRF	TCRF Methodology
49042	Mar 19	SWEPCO Cities	SWEPCO	TCRF	TCRF Methodology
49041	Feb 19	SWEPCO Cities	SWEPCO	DCRF	DCRF Methodology
48973	May 19	Xcel Municipalities	Southwestern Public Service	Fuel Reconciliation	Fuel / Purch Power Costs

DKT NO.	DATE	REPRESENTING	UTILITY	PHASE	ISSUES
48963	Dec 18	Denton Municipal Electric	Denton Municipal Electric	Interim TCOS	Wholesale Transmission Rate
48420	Aug 18	Gulf Coast Coalition	CenterPoint Energy Houston	EECRF	EECRF Methodology
48404	Jul 18	Cities	Texas-New Mexico Power	EECRF	EECRF Methodology
48371	Aug 18	Cities	Entergy Texas Inc.	Cost of Service	Cost of Service
48231	May 18	Cities	Oncor Electric Delivery	DCRF	DCRF Methodology
48226	May 18	Gulf Coast Coalition	CenterPoint Energy Houston	DCRF	DCRF Methodology
48222	Apr 18	Cities	AEP Texas Inc.	DCRF	DCRF Methodology
47900	Dec 17	Denton Municipal Electric	Denton Municipal Electric	Interim TCOS	Wholesale Transmission Rate
47527	Apr 18	Xcel Municipalities	Southwestern Public Service	Cost of Service	Cost of Service
47461	Dec 17	Office of Public Counsel	SWEPCO	CCN	Public Interest Review
47236	Jul 17	Cities	AEP Texas	EECRF	EECRF Methodology
47235	Jul 17	Cities	Oncor Electric Delivery	EECRF	EECRF Methodology
47217	Jul 17	Cities	Texas-New Mexico Power	EECRF	EECRF Methodology
47032	May 17	Gulf Coast Coalition	CenterPoint Energy Houston	DCRF	DCRF Methodology
46936	Oct 17	Xcel Municipalities	Southwestern Public Service	CCN	Public Interest Review
46449	Apr 17	Cities	SWEPCO	Cost of Service	Cost of Service
46348	Sep 16	Denton Municipal Electric	Denton Municipal Electric	Interim TCOS	Wholesale Transmission Rate
46238	Jan 17	Office of Public Counsel	Oncor Electric Delivery	STM	Public Interest Review
46076	Dec 16	Cities	Entergy Texas Inc.	Fuel Reconciliation	Fuel Cost
46050	Aug 16	Cities	AEP Texas	STM	Public Interest Review

DKT NO.	DATE	REPRESENTING	UTILITY	PHASE	ISSUES
46014	Jul 16	Gulf Coast Coalition	CenterPoint Energy Houston	EECRF	EECRF Methodology
45788	May 16	Cities	AEP-TNC	DCRF	DCRF Methodology
45787	May 16	Cities	AEP-TCC	DCRF	DCRF Methodology
45747	May 16	Gulf Coast Coalition	CenterPoint Energy Houston	DCRF	DCRF Methodology
45712	Apr 16	Cities	SWEPCO	DCRF	DCRF Methodology
45691	Jun 16	Cities	SWEPCO	TCRF	TCRF Methodology
45414	Feb 17	Office of Public Counsel	Sharyland	Cost of Service	Cost of Service
45248	May 16	City of Fritch	City of Fritch	Cost of Service (water)	Cost of Service
45084	Nov 15	Cities	Entergy Texas Inc.	TCRF	TCRF Methodology
45083	Oct 15	Cities	Entergy Texas Inc.	DCRF	DCRF Methodology
45071	Aug 15	Denton Municipal Electric	Denton Municipal Electric	Interim TCOS	Wholesale Transmission Rate
44941	Dec 15	City of El Paso	El Paso Electric	Cost of Service	CEP Adjustments
44677	Jul 15	City of El Paso	El Paso Electric	EECRF	EECRF Methodology
44572	May 15	Gulf Coast Coalition	CenterPoint Energy Houston	DCRF	DCRF Methodology
44060	May 15	City of Frisco	Brazos Electric Coop	CCN	Transmission Cost Recovery
43695	May 15	Pioneer Natural Resources	Southwestern Public Service	Cost of Service	Cost Allocation
43111	Oct 14	Cities	Entergy Texas Inc.	DCRF	DCRF Methodology
42770	Aug 14	Denton Municipal Electric	Denton Municipal Electric	Interim TCOS	Wholesale Transmission Rate
42485	Jul 14	Cities	Entergy Texas Inc.	EECRF	EECRF Methodology
42449	Jul 14	City of El Paso	El Paso Electric	EECRF	EECRF Methodology

DKT NO.	DATE	REPRESENTING	UTILITY	PHASE	ISSUES
42448	Jul 14	Cities	SWEPSCO	TCRF	Transmission Cost Recovery Factor
42370	Dec 14	Cities	SWEPSCO	Rate Case Expenses	Rate Case Expenses
41791	Jan 14	Cities	Entergy Texas Inc.	Cost of Service	Cost of Service/Fuel
41539	Jul 13	Cities	AEP Texas North	EECRF	EECRF Methodology
41538	Jul 13	Cities	AEP Texas Central	EECRF	EECRF Methodology
41444	Jul 13	Cities	Entergy Texas Inc.	EECRF	EECRF Methodology
41223	Apr 13	Cities	Entergy Texas Inc.	ITC Transfer	Public Interest Review
40627	Nov 12	Austin Energy	Austin Energy	Cost of Service	General Fund Transfers
40443	Dec 12	Office of Public Counsel	SWEPSCO	Cost of Service	Cost of Service/Fuel
40346	Jul 12	Cities	Entergy Texas Inc.	Join MISO	Public Interest Review
39896	Mar 12	Cities	Entergy Texas Inc.	Cost of Service/ Fuel Reconciliation	Cost of Service/ Nat Gas/ Purch Power
39366	Jul 11	Cities	Entergy Texas Inc.	EECRF	EECRF Methodology
38951	Feb 12	Cities	Entergy Texas Inc.	CGS Tariff	CGS Costs
38815	Sep 10	Denton Municipal Electric	Denton Municipal Electric	Interim TCOS	Wholesale Transmission Rate
38480	Nov 10	Cities	Texas-New Mexico Power	Cost of Service	Cost of Service/Rate Design
37744	Jun 10	Cities	Entergy Texas Inc.	Cost of Service/ Fuel Reconciliation	Cost of Service/ Nat Gas/ Purch Power/ Gen
37580	Dec 09	Cities	Entergy Texas Inc.	Fuel Refund	Fuel Refund Methodology
36956	Jul 09	Cities	Entergy Texas Inc.	EECRF	EECRF Methodology
36392	Nov 08	Texas Municipal Power	Texas Municipal Power	Interim TCOS	Wholesale Transmission Rate

DKT NO.	DATE	REPRESENTING	UTILITY	PHASE	ISSUES
35717	Nov 08	Cities Steering Committee	Oncor Electric Delivery	Cost of Service	Cost of Service/Rate Design
34800	Apr 08	Cities	Entergy Gulf States	Fuel Reconciliation	Natural Gas/Coal/Nuclear
16705	May 97	North Star Steel	Entergy Gulf States	Fuel Reconciliation	Natural Gas/Fuel Oil
10694	Jan 92	PUC Staff	Midwest Electric Coop	Revenue Requirements	Depreciation/ Quality of Service
10473	Sep 91	PUC Staff	HL&P	Notice of Intent	Environmental Costs
10400	Aug 91	PUC Staff	TU Electric	Notice of Intent	Environmental Costs
10092	Mar 91	PUC Staff	HL&P	Fuel Reconciliation	Natural Gas/Fuel Oil
10035	Jun 91	PUC Staff	West Texas Utilities	Fuel Reconciliation Fuel Factor	Natural Gas Natural Gas/Fuel Oil/Coal
9850	Feb 91	PUC Staff	HL&P	Revenue Req. Fuel Factor	Natural Gas/Fuel Oil/ETSI Natural Gas/Coal/Lignite
9561	Aug 90	PUC Staff	Central Power & Light	Fuel Reconciliation Revenue Requirements Fuel Factor	Natural Gas Natural Gas/Fuel Oil Natural Gas
9427	Jul 90	PUC Staff	LCRA	Fuel Factor	Natural Gas
9165	Feb 90	PUC Staff	El Paso Electric	Revenue Requirements Fuel Factor	Natural Gas/Fuel Oil Natural Gas
8900	Jan 90	PUC Staff	SWEPSCO	Fuel Reconciliation Fuel Factor	Natural Gas Natural Gas
8702	Sep 89 Jul 89	PUC Staff	Gulf States Utilities	Fuel Reconciliation Revenue Requirements Fuel Factor	Natural Gas/Fuel Oil Natural Gas/Fuel Oil Natural Gas/Fuel Oil
8646	May 89 Jun 89	PUC Staff	Central Power & Light	Fuel Reconciliation Revenue Requirements Fuel Factor	Natural Gas Natural Gas/Fuel Oil Natural Gas
8588	Aug 89	PUC Staff	El Paso Electric	Fuel Reconciliation	Natural Gas

DKT NO.	DATE	REPRESENTING	UTILITY	PHASE	ISSUES
<u>Before the Railroad Commission of Texas</u>					
10928	Mar 20	TGS Cities	Texas Gas Service	Cost of Service	Cost of Service/Rate Design
10920	Feb 20	East Texas Cities Coalition	CenterPoint Energy Entex	Cost of Service	Cost of Service/Rate Design
10900	Nov 19	Cities Steering Committee	Atmos Energy Triangle	Cost of Service	Cost of Service
10899	Sep 19	NatGas, Inc.	NatGas, Inc.	Cost of Service	Cost of Service/Rate Design
10737	Jun 18	T&L Gas Co.	T&L Gas Co.	Cost of Service	Cost of Service/Rate Design
10622	Apr 17	LDC, LLC	LDC, LLC	Cost of Service	Cost of Service/Rate Design
10617	Mar 17	Onalaska Water & Gas	Onalaska Water & Gas	Cost of Service	Cost of Service/Rate Design
10580	Mar 17	Cities Steering Committee	Atmos Pipeline Texas	Cost of Service	Cost of Service/Rate Design
10567	Feb 17	Gulf Coast Coalition	CenterPoint Energy Entex	Cost of Service	Cost of Service/Rate Design
10506	Jun 16	City of El Paso	Texas Gas Service	Cost of Service	Cost of Service/Energy Efficiency
10498	Feb 16	NatGas, Inc.	NatGas, Inc.	Cost of Service	Cost of Service/Rate Design
10359	Jul 14	Cities Steering Committee	Atmos Energy Mid Tex	Cost of Service	Cost of Service/Rate Design
10295	Oct 13	Cities Steering Committee	Atmos Pipeline Texas	Revenue Rider	Rider Renewal
10242	Jan 13	Onalaska Water & Gas	Onalaska Water & Gas	Cost of Service	Cost of Service/Rate Design
10196	Jul 12	Bluebonnet Natural Gas	Bluebonnet Natural Gas	Cost of Service	Cost of Service/Rate Design
10190	Jan 13	City of Magnolia, Texas	Hughes Natural Gas	Cost of Service	Cost of Service/Rate Design
10174	Aug 12	Cities Steering Committee	Atmos Energy West Texas	Cost of Service	Cost of Service/Rate Design
10170	Aug 12	Cities Steering Committee	Atmos Energy Mid Tex	Cost of Service	Cost of Service/Rate Design
10106	Oct 11	Gulf Coast Coalition	CenterPoint Energy Entex	Cost of Service	Cost of Service/Rate Design

DKT NO.	DATE	REPRESENTING	UTILITY	PHASE	ISSUES
10083	Aug 11	City of Magnolia, Texas	Hughes Natural Gas	Cost of Service	Cost of Service/Rate Design
10038	Feb 11	Gulf Coast Coalition	CenterPoint Energy Entex	Cost of Service	Cost of Service/Rate Design
10021	Oct 10	AgriTex Gas, Inc.	AgriTex Gas, Inc.	Cost of Service	Cost of Service/Rate Design
10000	Dec 10	Cities Steering Committee	Atmos Pipeline Texas	Cost of Service	Cost of Service/Rate Design
9902	Oct 09	Gulf Coast Coalition	CenterPoint Energy Entex	Cost of Service	Cost of Service/Rate Design
9810	Jul 08	Bluebonnet Natural Gas	Bluebonnet Natural Gas	Cost of Service	Cost of Service/Rate Design
9797	Apr 08	Universal Natural Gas	Universal Natural Gas	Cost of Service	Cost of Service/Rate Design
9732	Jul 08	Cities Steering Committee	Atmos Energy Corp.	Gas Cost Review	Natural Gas Costs
9670	Oct 06	Cities Steering Committee	Atmos Energy Corp.	Cost of Service	Affiliate Transactions/ O&M Expenses/GRIP
9667	Nov 06	Oneok Westex Transmission	Oneok Westex Transmission	Abandonment	Abandonment
9598	Sep 05	Cities Steering Committee	Atmos Energy Corp.	GRIP Appeal	GRIP Calculation
9530	Apr 05	Cities Steering Committee	Atmos Energy Corp.	Gas Cost Review	Natural Gas Costs
9400	Dec 03	Cities Steering Committee	TXU Gas Company	Cost of Service	Affiliate Transactions/ O&M Expenses/Capital Costs

DKT NO.	DATE	REPRESENTING	UTILITY	PHASE	ISSUES
<u>Before the Louisiana Public Service Commission</u>					
U-35359	Feb 20	PSC Staff	Dixie Electric Membership Corporation	Cost of Service	Cost of Service / FRP Renewal / AMS Certification
U-34344/ U-34717	Apr 18	PSC Staff	Dixie Electric Member Corporation	Formula Rate Plan	Stipulation
U-34344	Jan 18	PSC Staff	Dixie Electric Member Corporation	Formula Rate Plan	Adjusted Revenues
U-33633	Nov 15	PSC Staff	Entergy Louisiana, LLC/ Entergy Gulf States Louisiana	Resource Certification	Prudence
U-33033	Jul 14	PSC Staff	Entergy Louisiana, LLC/ Entergy Gulf States Louisiana	Resource Certification	Revenue Requirement
U-31971	Nov 11	PSC Staff	Entergy Louisiana, LLC/ Entergy Gulf States Louisiana	Resource Certification	Certification/Cost Recovery
<u>Before the Arkansas Public Service Commission</u>					
O7-105-U	Mar 08	Arkansas Customers	CenterPoint Energy, Inc. & pipelines serving CenterPoint	Gas Cost Complaint	Prudence / Cost Recovery
<u>Before the Colorado Public Utilities Commission</u>					
18A-0791E	Mar 19	Pueblo County	Black Hills Colorado Electric	Economic Development Rate	Tariff Issues

ERIN CROMLEIGH

Erin Cromleigh is an energy consultant with nine years of audit and utility regulatory experience. As a financial analyst with the Railroad Commission of Texas, she performed duties for gas utility hearings and legal support activities in the Market Oversight Section of the Oversight and Safety Division. In this position, Ms. Cromleigh appeared as a staff expert witness in gas utility rate cases and served as an examiner on gas utility filings such as interim rate adjustments, sales transfers & mergers, and abandonment of service requests. She also contributed to the implementation of new legislative requirements for propane distribution companies. As an auditor with the Texas State Auditor's Office, Ms. Cromleigh conducted various financial, compliance, and performance audits for numerous State agencies including multiple audits of the Employees Retirement System of Texas. Each audit required her to obtain an understanding of the agency's policies, select samples and perform appropriate testing to obtain sufficient audit evidence and achieve the audit objectives.

EDUCATION

- 2015 NARUC Regulatory Studies Program
 Michigan State University
- 2013 AGA Basic Rates School
 University of Chicago
- 2013 Certificate of Mediation
 Dispute Resolution Center, Austin
- 2007 B.B.A., Accounting
 Texas State University, San Marcos

PROFESSIONAL HISTORY

- 2016- ReSolved Energy Consulting
 Energy Consultant
- 2013-2016 Railroad Commission of Texas
 Financial Analyst
- 2008-2013 Texas State Auditor's Office
 Auditor