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October 30, 2020

Via Electronic Filing

Public Utility Commission of Oregon
Attention: Filing Center
201 High Street SE, Suite 100
P.O. Box 1088
Salem, OR 97308-1088

Re: UE 381 – Portland General Electric Company 2019 Annual Power Cost Variance
Mechanism

Dear Filing Center:

Enclosed for filing today in UE 381 is the Joint Testimony in Support of the Power Cost Adjustment Mechanism Stipulation and Exhibits of Scott Gibbens, Lance D. Kaufman, and Stefan Cristea (Stipulating Parties/100-103, Gibbens-Kaufman-Cristea).

This document is being filed by electronic mail with the Filing Center.

Thank you for your assistance. If you have any questions, please do not hesitate to call me.

Sincerely,

/s/ Douglas C. Tingey

Douglas C. Tingey
Associate General Counsel

DCT:hp
Enclosure

**BEFORE THE PUBLIC UTILITY COMMISSION
OF THE STATE OF OREGON**

UE 381

2019 Annual Power Cost Variance Mechanism

PORTLAND GENERAL ELECTRIC

**Joint Testimony in Support of the
PCAM**

Direct Testimony of
Scott Gibbens, OPUC
Lance D. Kaufman, AWEC
Stefan Cristea, PGE

October 30, 2020

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I. Introduction

1 **Q. Please state your names and positions with your respective organizations.**

2 A. My name is Scott Gibbens. I am a Senior Economist employed in the Energy Rates, Finance,
3 and Audit Division of the Public Utility Commission of Oregon (OPUC). My qualifications
4 appear in Exhibit 102.

5 My name is Lance D. Kaufman and my business address is 4801 W. Yale Ave., Denver,
6 CO 80219. I am an independent economics consultant. I am appearing on behalf of the
7 Alliance of Western Energy Consumers (AWEC). My qualifications appear in Exhibit 103.

8 My name is Stefan Cristea. I am a Senior Regulatory Analyst at PGE. My qualifications
9 appear in PGE Exhibit 100.

10 **Q. What is the purpose of your testimony?**

11 A. Our purpose is to describe and support the stipulation (Stipulation) between OPUC Staff
12 (Staff), AWEC, and PGE, collectively the Stipulating Parties, in Docket No. UE 381. A copy
13 of the Stipulation is provided as Stipulating Parties Exhibit 101. The Stipulating Parties
14 request that the Commission issue an order approving the Stipulation and implementing its
15 terms.

16 **Q. What is the basis for the Stipulation?**

17 A. On July 1, 2020, PGE made its Annual Power Cost Variance Mechanism filing under tariff
18 Schedule 126. That filing included testimony, work papers, and the information required by
19 the minimum filing requirements previously agreed to regarding Schedule 126. Following
20 PGE's filing in this docket, PGE shared requested information with the parties and the parties
21 examined PGE's filing and work papers. A settlement conference was held on September 24,
22 2020, at which, the Stipulating Parties reached an agreement that they found reasonable for

1 settlement. The Stipulation reached at the September 24th meeting concluded that operation
2 of the Schedule 126 Positive Power Cost Deadband in this docket results in there being no
3 charge to customers for the 2019 power cost variance. Some parties may have raised issues
4 regarding the calculation of the Power Cost Variance or earnings test, but did not do so
5 because such adjustments, even if adopted, would not have changed the final Schedule 126
6 rates.

II. Discussion

1 **Q. Please briefly describe PGE's 2019 PCAM filing.**

2 A. Tariff Schedule 126 is designed to recognize in rates in some years part of the difference
3 between actual net variable power costs (as defined in the tariff) and the net variable power
4 cost forecast pursuant to tariff Schedule 125. Schedule 126 defines how the Power Cost
5 Variance is calculated, including deadbands that are applied to either a positive or negative
6 power cost variance, and sharing of the variance outside the applicable deadband. The Power
7 Cost Variance is also subject to an earnings test.

8 PGE's filing in this docket explained how it calculated the Power Cost Variance for 2019.
9 As calculated by PGE, the variance between forecast and actual power costs in 2019 was
10 approximately \$5.4 million. This is within the \$30 million Positive Annual Power Cost
11 Deadband. As such, the sharing percentages in Schedule 126 are not applicable.

12 PGE's filing also performed the earnings review required by Schedule 126. The Schedule
13 126 return on equity (ROE) deadband is +/-100 basis points of PGE's authorized ROE, which
14 for 2019 was 9.5%. PGE's testimony showed that PGE's final regulated adjusted 2019 ROE
15 was 8.44%. This is below the lower bound for the Schedule 126 earnings deadband, but
16 because the Power Cost Variance is within the power cost deadband, as discussed above, the
17 variance is not subject to this earnings test.

18 **Q. Did parties raise any issues with regards to PGE's Power Cost Adjustment Mechanism**
19 **(PCAM) filing in this docket?**

20 A. No. Parties to this docket did not raise any issues. However, in addition to verifying the
21 accuracy of PGE's PCAM calculations, Staff informally reviewed PGE's filing through the
22 September 24, 2020 workshop/settlement conference attended by Staff, AWEC, and PGE.

1 **Q. What is the rate impact resulting from PGE's 2019 PCAM?**

2 A. PGE's 2019 PCAM results in no change to rates because, as indicated above, the PCAM
3 variance was within the power cost deadbands.

III. Recommendation to the Commission

1 **Q. What is your recommendation to the Commission regarding the adjustments contained**
2 **in the Stipulation?**

3 A. Each of the Stipulating Parties, representing their respective interests, agree that the settlement
4 contained in the Stipulation results in fair, just and reasonable rates in this 2019 Annual Power
5 Cost Variance Mechanism proceeding. The result is consistent with and supported by the
6 record in this docket. For the reasons set forth above, the Stipulating Parties request that the
7 Commission approve the Stipulation.

8 **Q. Does this conclude your testimony?**

9 A. Yes.

IV. List of Exhibits

<u>Stipulating Parties Exhibit</u>	<u>Description</u>
101	Annual Power Cost Variance Mechanism Stipulation
102	Scott Gibbens Qualification Statement
103	Lance D. Kaufman Qualification Statement

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

UE 381

In the Matter of

PORTLAND GENERAL ELECTRIC
COMPANY,

2019 Annual Power Cost Variance
Mechanism.

STIPULATION

This Stipulation (“Stipulation”) is among Portland General Electric Company (“PGE”), Staff of the Public Utility Commission of Oregon (“Staff”), and the Alliance of Western Energy Consumers (“AWEC”) (collectively, the “Parties”). There are no other parties in this docket.

I. INTRODUCTION

In accordance with its tariff Schedule 126, PGE filed its annual power cost variance mechanism update in this docket on July 1, 2020. Included with that filing were PGE’s testimony and work papers regarding the 2019 power cost variance and earnings review results. This information included the data required by the minimum filing requirements agreed to for Power Cost Variance (PCV) dockets. PGE’s filing showed that the 2019 power cost variance was within the deadbands contained in Schedule 126, and therefore results in no power cost variance refund or collection for 2019.

The Parties subsequently reviewed PGE’s filing and work papers. The Parties held a workshop/settlement conference on September 24, 2020. As a result of those discussions, and discovery, the Parties have reached agreement settling this docket as set forth below. The Parties request that the Commission issue an order adopting this Stipulation.

II. TERMS OF STIPULATION

1. This Stipulation settles all issues in this docket.
2. PGE's actual power costs for 2019 were above forecast power costs but within the Schedule 126 power cost deadbands. This results in no rate impact to customers for the 2019 power cost variance. Some parties may have proposed adjustments to the power cost calculation or earnings review in this docket but such adjustments, if accepted, would not have altered the Schedule 126 rates. As such, the lack of issues being raised and decided in this docket is not to be construed as agreement to any or all of the aspects of the calculations done by PGE and is not precedent for future PCV dockets or any other case.
3. Schedule 126 rates should continue to be set at zero effective January 1, 2021.
4. The Parties recommend and request that the Commission approve this Stipulation as an appropriate and reasonable resolution of the issues in this docket.
5. The Parties agree that this Stipulation is in the public interest and will result in rates that are fair, just and reasonable and will meet the standard in ORS 756.040.
6. The Parties agree that this Stipulation represents a compromise in the positions of the Parties. Without the written consent of all Parties, evidence of conduct or statements, including but not limited to term sheets or other documents created solely for use in settlement conferences in this docket, are confidential and not admissible in the instant or any subsequent proceeding, unless independently discoverable or offered for other purposes allowed under ORS 40.190.
7. The Parties have negotiated this Stipulation as an integrated document. If the Commission rejects all or any material part of this Stipulation, or adds any material condition to any final order that is not consistent with this Stipulation, each Party reserves its right: (i) to

withdraw from the Stipulation, upon written notice to the Commission and the other Parties within five (5) business days of service of the final order that rejects this Stipulation, in whole or material part, or adds such material condition; (ii) pursuant to OAR 860-001-0350(9), to present evidence and argument on the record in support of the Stipulation, including the right to cross-examine witnesses, introduce evidence as deemed appropriate to respond fully to issues presented, and raise issues that are incorporated in the settlements embodied in this Stipulation; and (iii) pursuant to ORS 756.561 and OAR 860-001-0720, to seek rehearing or reconsideration, or pursuant to ORS 756.610 to appeal the Commission order. Nothing in this paragraph provides any Party the right to withdraw from this Stipulation as a result of the Commission's resolution of issues that this Stipulation does not resolve.

8. This Stipulation will be offered into the record in this proceeding as evidence pursuant to OAR 860-001-0350(7). The Parties agree to support this Stipulation throughout this proceeding and in any appeal, provide witnesses to support this Stipulation (if specifically required by the Commission), and recommend that the Commission issue an order adopting the settlements contained herein. By entering into this Stipulation, no Party shall be deemed to have approved, admitted or consented to the facts, principles, methods or theories employed by any other Party in arriving at the terms of this Stipulation. Except as provided in this Stipulation, no Party shall be deemed to have agreed that any provision of this Stipulation is appropriate for resolving issues in any other proceeding.

9. This Stipulation may be signed in any number of counterparts, each of which will be an original for all purposes, but all of which taken together will constitute one and the same agreement.

DATED this 30th day of October, 2020.

**PORTLAND GENERAL ELECTRIC
COMPANY**

/s/ Douglas C. Tingey

**STAFF OF THE PUBLIC UTILITY
COMMISSION OF OREGON**

**ALLIANCE OF WESTERN ENERGY
CONSUMERS**

9. This Stipulation may be signed in any number of counterparts, each of which will be an original for all purposes, but all of which taken together will constitute one and the same agreement.

DATED this 22nd day of October, 2020.

**PORTLAND GENERAL ELECTRIC
COMPANY**

**STAFF OF THE PUBLIC UTILITY
COMMISSION OF OREGON**

Stephanie Andrus

**ALLIANCE OF WESTERN ENERGY
CONSUMERS**

9. This Stipulation may be signed in any number of counterparts, each of which will be an original for all purposes, but all of which taken together will constitute one and the same agreement.

DATED this 22nd day of October, 2020.

**PORTLAND GENERAL ELECTRIC
COMPANY**

**STAFF OF THE PUBLIC UTILITY
COMMISSION OF OREGON**

**ALLIANCE OF WESTERN ENERGY
CONSUMERS**

/s/ Corinne O. Milinovich

WITNESS QUALIFICATION STATEMENT

NAME: Scott Gibbens

EMPLOYER: Public Utility Commission of Oregon

TITLE: Senior Economist
Energy Rates, Finance and Audit

ADDRESS: 201 High Street SE, Suite 100
Salem, OR 97301-3612

EDUCATION: Bachelor of Science, Economics, University of Oregon
Masters of Science, Economics, University of Oregon

EXPERIENCE: I have been employed at the Oregon Public Utility Commission (Commission) since August of 2015. My current responsibilities include analysis and technical support for electric power cost recovery proceedings with a focus in model evaluation. I have been the power cost team manager since January 2017. I have worked on the following power cost dockets: PAC UE 307, UE 309, UE 323, UE 327, UE 339, UE 344, UE 356, UE 361, and current UE 375 and UE 379. PGE UE 308, UE 310, UE 319, UE 329, UE 335, UE 346, UE 359, UE 362, and current UE 377. IPC UE 301, 305, UE 314, UE 320, UE 333, UE 336, UE 350, UE 354, UE 366, and current UE 376. I've also performed analysis and review on a variety of other issues at the Commission. I have reviewed issues and made recommendations to the Commission in the following general rate cases: AVA UG 325, UG 366 and current UG 389; NWN UG 344, and current UG 388; PAC current UE 374; PGE UE 319, and UE 335; and CNG UG 305, UG 347 and current UG 390. Prior to working for the OPUC I was the operations director at Bracket LLC. My responsibilities at Bracket included quarterly financial analysis, product pricing, cost study analysis, and production streamlining. Previous to working for Bracket, I was a manager for US Bank in San Francisco where my responsibilities included coaching and team leadership, branch sales and campaign oversight, and customer experience management.

CURRICULUM VITAE

LANCE KAUFMAN

Aegis Insight

4801 W. Yale Ave.

Denver, Colorado 80219

(541) 515-0380

lance@aegisinsight.com

EDUCATION:

University of Oregon	Ph.D.	Economics	2008 – 2013
University of Oregon	M.S.	Economics	2006 – 2008
University of Anchorage Alaska	B.B.A.	Economics	2001 – 2004

CERTIFICATIONS:

Certified Depreciation Professional	Society of Depreciation Professionals	2018
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PROFESSIONAL EXPERIENCE:

Principal Economist	Aegis Insight	2014 – Present
Senior Economist	Oregon Public Utility Commission	2015 – 2018
Public Utility Advocate	Alaska Department of Law	2014 – 2015
Senior Economist	Oregon Public Utility Commission	2013 – 2014
Instructor	University of Oregon	2008 – 2012
Research Assistant	University of Alaska Anchorage	2003 – 2008

PROFESSIONAL MEMBERSHIPS:

Society of Depreciation Professionals	2015 – Present
American Economics Association	2017 – Present

RESEARCH, CONSULTING, AND ECONOMETRIC ANALYSIS:

- Cable Huston, LLP, Portland, OR 2020
Retained as an expert witness for Alliance of Western Energy Consumers regarding revenue requirement, rate spread and rate design in Cascade Natural Gas Corporation Request for General Rate Revision, Public Utility Commission of Oregon, Docket No. UG 390.
- Davison Van Cleve, PC, Portland, OR 2020
Retained as an expert witness for Alliance of Western Energy Consumers regarding net power costs in Portland General Electric Company 2021 Annual Power Cost Update Tariff, Public Utility Commission of Oregon, Docket No. UE 377.
- Davison Van Cleve, PC, Portland, OR 2020
Retained as an expert witness for Alliance of Western Energy Consumers regarding net power costs in Portland General Electric Company 2021 Annual Update Tariff, Public Utility Commission of Oregon, Docket No. UE 381.
- Davison Van Cleve, PC, Portland, OR 2020

- Retained as an expert witness for Alliance of Western Energy Consumers regarding revenue requirement, rate spread and rate design in Nevada Power Company 2021 General Rate Case, Public Utility Commission of Nevada, Docket No. 20-06003
- Frank & Salahuddin LLC, Denver, Colorado, 2020
Retained as an expert witness for plaintiffs regarding calculation of lost earnings.
 - Level Development Group, LLC, Denver, Colorado, 2020
Develop real estate valuation model for establishing sale price of newly constructed residential housing.
 - Hagens Berman Sobol Shapiro LLP, Phoenix, Arizona, 2020
Retained as an expert witness for plaintiffs re calculation of economic harm due to breach of contract in Sherry Lewis v. Government Employee Insurance Company, Civil Action No. 1:18-cv-05111-RBK-AMD, United States District Court, District of New Jersey.
 - Hagens Berman Sobol Shapiro LLP, Phoenix, Arizona, 2020
Retained as an expert witness for plaintiffs re calculation of economic harm due to breach of contract in Jeff Olberg v. Allstate Insurance Company, Case No. C18-0573-JCC, United States District Court, Western District of Washington at Seattle.
 - Hagens Berman Sobol Shapiro LLP, Phoenix, Arizona, 2020
Deposed as an expert witness for plaintiffs re calculation of economic harm due to breach of contract in re Cameron Lundquist v. First National Insurance Company of America, Case No. 18-cv-05301-RJB, United States District Court, Western District of Washington at Tacoma.
 - Killmer, Lane, and Newman, LLP, Denver, Colorado, 2020
Deposed as expert witness for plaintiff re racial disparities in police use of force re Brandon Washington V. City Of Aurora, Colorado, Case No. 1:19-cv-01160-RM-MEH, United States District Court, District of Colorado.
 - Davison Van Cleve, PC, Portland, OR 2020
Retained as an expert witness for Alliance of Western Energy Consumers regarding coal plant pollution control investments, coal plant decommissioning costs, rate spread and rate design re PacifiCorp 2020 Request for a General Rate Revision, Public Utility Commission of Oregon Docket No. UE 374.
 - Davison Van Cleve, PC, Portland, OR and Washington Attorney General, 2020
Retained as an expert witness for Packaging Company of America and Washington Public Council regarding decommissioning costs and rate design re PacifiCorp 2020 Request for a General Rate Revision, Washington Utility and Transportation Commission, Docket No. UE 374.
 - Powder River Basin Resource Council, Laramie, Wyoming, 2019.
Testified as an expert witness for Powder River Basin Resource Council regarding coal plant closures re PacifiCorp 2019 Integrated Resource Plan, Wyoming Public Service Commission Docket No. 90000-147-XI-19.
 - The Law Office of Ralph Lamar, Arvada, CO 2019
Deposed as an expert witness for plaintiffs regarding lost profits of a Farmers insurance agency
 - Jester, Gibson & Moore, Denver, CO 2019
Retained as an expert witness for plaintiffs regarding lost earnings in an ADEA wrongful termination matter.

- Albrechta & Coble, Ltd. Fremont, OH 2019
Retained as an expert witness for plaintiff regarding lost earnings in a race related wrongful termination matter.
- Conrad Law, PC, Salt Lake City, UT 2019
Retained as an expert witness for Ellis-Hall Consultants, LLC. regarding economic damages in Ellis-Hall Consultants, LLC. et. al. v. George B. Hofmann IV, United States District Court, District of Utah, Central Division.
- Davison Van Cleve, PC, Portland, OR 2019
Retained as an expert witness for Alliance of Western Energy Consumers regarding net variable power cost calculations in PORTLAND GENERAL ELECTRIC COMPANY, 2020 Annual Power Cost Update Tariff Public Utility Commission of Oregon Docket No. UE 359.
- Sanger Law, PC, Portland, OR, 2019
Testified as an expert witness for Renewable Energy Coalition and Rocky Mountain Coalition for Renewable Energy regarding Qualified Facility avoided costs in Application of Rocky Mountain Power for a Modification of Avoided Cost Methodology and Reduced Term of PURPA Power Purchase Agreements Public Service Commission of Wyoming Docket No. 20000-545-ET-18
- Sanger Law, PC, Portland, OR, 2019
Retained as an expert witness for Cafeto Coffee Company regarding the necessity, design, and location of transmission lines in SPRINGFIELD UTILITY BOARD Petition for Certificate of Public Convenience and Necessity Public Utility Commission of Oregon Docket No. PCN 3.
- Baumgartner Law, LLC, Denver, CO, 2018
Retained as an expert witness for plaintiffs re calculation of economic harm due to injury in re Eric Bowman, v. Top Tier Colorado, LLC., Case No. 18CV31359, United States District Court, District of Colorado.
- Cohen Milstein Sellers & Toll PLLC, Washington DC, 2018
Retained as an expert witness for plaintiffs re calculation of economic harm due to breach of contract in re Isaac Harris et al. v. Medical Transportation Management, Inc., Civil Action No. 17-1371, United States District Court, District of Columbia.
- Davison Van Cleve, PC, Portland, OR 2020
Retained as an expert witness for Alliance of Western Energy Consumers regarding depreciation rates in re PacifiCorp Application for Authority to Implement Revised Depreciation Rates, Public Utility Commission of Oregon Docket No. UM 1968.
- Davison Van Cleve, PC, Salem, OR and Washington Attorney General, OR 2020
Retained as an expert witness for Packaging Company of America and Washington Public Council regarding depreciation rates in re Pacific Power 2018 Depreciation Study, Washington Utility and Transportation Commission, Docket No. UE-180778.
- Hagens Berman Sobol Shapiro LLP, Phoenix, Arizona, 2018
Deposed as an expert witness for plaintiffs re calculation of economic harm due to breach of contract in re Vicky Maldonado and Carter v. Apple Inc., AppleCare Services Company, Inc., and Apple CSC, Inc., Case No. 3:16-cv-04067-WHO, United States District Court, District of California.
- Hagens Berman Sobol Shapiro, LLP, Phoenix, Arizona, 2018

Deposed and testified as an expert witness for plaintiffs re calculation of unpaid mileage for truck drivers in re Swift Transportation Co., Inc., Civil Action No. CV2004-001777, Superior Court of the State of Arizona, County of Maricopa.

- Killmer, Lane, and Newman, LLP, Denver, Colorado, 2018
Retained as expert witness for plaintiffs re reasonable attorney fees in re Jeanne Stroup and Ruben Lee, v. United Airlines, Inc., Case No. 15-cv-01389-WYD-STV, United States District Court, District of Colorado.
- Klein and Frank, PC, Denver, Colorado, 2018
Retained as expert witness for plaintiffs re potential jury bias in re Gail Goehrig and Chris Goehrig v. Core Mountain Enterprises, LLC, Case No. 2016CV030004, San Juan County District Court.
- Robert Belluso, Pennsylvania, 2017
Retained as expert witness for plaintiff re lost profit in re Robert Belluso D.O. v Trustees of Charleroi Community Park, PHRC Case No. 201505365, Pennsylvania Human Relations Commission.
- Lowery Parady, LLC, Denver, Colorado, 2017
Analyzed payroll data and calculated unpaid overtime and unpaid hours for plaintiff class action in re Violeta Solis, et al. v. The Circle Group, LLC, et al., Case No. 1:16-cv-01329-RBJ, United States District Court, District of Colorado.
- Sawaya & Miller Law Firm, Denver, Colorado, 2017
Provided data processing and analysis of employment records.
- Financial Scholars Group, Orinda, California, 2017
Provided analysis of risk profile in bundled real estate and personal loans in re Old Republic Insurance Company v. Countrywide Bank et al., Circuit Court of Cook County, Illinois, Chancery Division.
- Financial Scholars Group, Orinda, California, 2017
Provided consultation and analysis of financial market transactions in preparation of settlement claims filings in re Laydon v. Mizuho Bank, Ltd., et al. and Sonterra Capital Master Fund Ltd., et al v. UBS AG et al.
- Clean Energy Action, Boulder, Colorado, 2016 – 2017
Provided consultation on the appropriate discounting methodology used in energy resource planning in the Public Service Company of Colorado application for approval of the 2016 Electric Resource Plan, Proceeding No. 16A-0396E, Public Utilities Commission of the State of Colorado.
- Confidential Client, 2016
Provided analysis and report on the probability that distinct crimes are independent events based on geographical analysis of crime rates.
- Christine Lamb and Kevin James Burns, Denver, Colorado, 2016
Provided data analysis for defendant of the impact of ethnicity on termination decisions in re Aragon et al v. Home Depot USA, Inc., Case No. 1:15-cv- 00466-MCA-KK, United States District Court, District of New Mexico.
- Steptoe & Johnson LLP, Washington, DC, 2015 – 2016
Programmed analysis of internet traffic data for plaintiffs applying a proprietary probability model developed to identify and verify accounts responsible for repeated infringements of asserted copyrights by defendants' internet subscribers in re BMG

Rights Management (US) LLC, and Round Hill Music LP v. Cox Enterprises, Inc., et al., Case No. 1:14-cv-1611(LOG/JFA), United States District Court Eastern District of Virginia, Alexandria Division.

- Padilla & Padilla, PLLC, Denver, Colorado, 2014 – 2016
Provided research and analysis for plaintiffs re the impact on minority applicants from use of the AccuPlacer Test by the City and County of Denver, and estimated damages in re Marian G. Kerner et al. v. City and County of Denver, Civil Action No. 11-cv-00256-MSK-KMT, United States District Court, District of Colorado.
- U.S. Equal Employment Opportunity Commission, 2013
Provided statistical analysis of EEOC filings.

OTHER REGULATORY PROCEEDINGS:

- Portland General Electric 2016 Annual Power Cost Variance Docket No. UE 329.
- PacifiCorp 2016 Power Cost Adjustment Mechanism Docket No. UE 327.
- Public Utility Commission of Oregon Staff Investigation into the Treatment of New Facility Direct Access Charges Docket No. UM 1837
- PacifiCorp Oregon Specific Cost Allocation Investigation Docket No. UM 1824.
- PacifiCorp 2018 Transition Adjustment Mechanism Docket No. UE 323.
- Portland General Electric 2018 General Rate Case Docket No. UE 319.
- Avista Corp. 2017 General Rate Case Docket No. UG 325.
- Portland General Electric Affiliated Interest Agreement with Portland General Gas Supply Docket No. UI 376.
- Portland General Electric 2017 Automated Update Tariff Docket No. UE 308
- PacifiCorp 2017 Transition Adjustment Mechanism Docket No. UE 307
- Portland General Electric 2017 Reauthorization of Decoupling Adjustment Docket No. UE 306
- Northwest Natural Gas Investigation of WARM Program Docket No. UM 1750.
- PacifiCorp Investigation into Multi-Jurisdictional Allocation Issues Docket No. UM 1050.
- Idaho Power Company 2015 Power Supply Expense True Up Docket No. UE 305
- Homer Electric Association 2015 Depreciation Study U-15-094
- Submitted prefiled testimony regarding the depreciation study.
- Chugach Electric Association 2015 Rate Case U-15-081
- Developed staff position regarding margin calculations.
- ENSTAR 2014 Rate Case U-14-111
- Submitted prefiled testimony regarding sales forecast.
- Alaska Pacific Environmental Services 2014 Rate Case U-14-114/115/116/117/118
Submitted prefiled testimony regarding cost allocations, cost of service, cost of capital, affiliated interests, and depreciation.
- Alaska Waste 2014 Rate Case U-14-104/105/106/107
Submitted prefiled testimony regarding cost of service study, cost of capital, operating ratio, and affiliated interest real estate contracts.
- Fairbanks Natural Gas 2014 Rate Case U-14-102
Submitted prefiled testimony regarding cost of service study and forecasting models.
- Avista 2015 Rate Case U-14-104

Submitted analysis supporting OPUC Staff settlement positions regarding Avista's sales and load forecast, decoupling mechanisms and interstate cost allocation methodology. Represented Staff in settlement conferences on November 21, November 26, and December 4, 2013.

- **Portland General Electric 2015 Rate Case**
Submitted pre-filed opening testimony addressing PGE's sales forecast, printing and mailing budget forecast, mailing budget, marginal cost study, line extension policy and reactive demand charge. Represented OPUC Staff in settlement conferences on May 20, May 27, and June 12, 2014.
- **Portland General Electric 2014 General Rate Case**
Submitted analysis supporting OPUC Staff settlement positions regarding PGE's sales and load forecast, revenue decoupling mechanism, and cost of service study. Represented OPUC Staff in settlement conferences on May 29, June 3, June 6, July 2, and July 9 of 2013. Submitted testimony in support of partial stipulation, pre-filed opening testimony addressing PGE's decoupling mechanism, and testimony in support of a second partial stipulation.
- **PacifiCorp 2014 General Electric Rate Case**
Submitted analysis supporting OPUC Staff settlement positions regarding PacifiCorp's sales and load forecast and cost of service study. Represented Staff in settlement conferences on June 12 through June 14, 2013.