

PUBLIC COUNSEL EXHIBIT LIST
PSE 2017 GRC
Dockets UE-170033 and UG-170034
(Filed 9/26/2017)

NUMBER	SPONSOR	A/R	DATE	DESCRIPTION
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BENCH EXHIBITS

<u>BR-1</u>	Public Counsel			<p>A. Supporting Workpapers (<u>WP-1</u> and <u>WP-2</u>) for Exhibits <u>RCS-3</u> and <u>RCS-4</u></p> <p>B. Public Counsel's Proposed Adjustments; <u>RCS-3 Supplemental</u> and <u>RCS-4r Supplemental</u></p> <p>C. <u>Adjustment Reconciliation to JAP-44</u></p>
<u>BR-2</u>	PSE			<p>A. <u>Summary of FERC Account 928 for 2009</u></p> <p>B. <u>Supporting Workpapers for Company Adjustments 13.12 and 11.12</u></p>
<u>BR-3</u>	Staff			<p>Exhibits in Native Format:</p> <p><u>BAE-2r</u></p> <p><u>BAE-3r</u></p> <p><u>BAE-4 (Attachment A)</u></p> <p><u>BAE-5 (Attachment A)</u></p>

PSE WITNESSES

Roque Bamba, Manager, Major Projects, PSE				
<u>RB-1T</u>	Roque Bamba			Prefiled Direct Testimony of Roque Bamba (15 pages) (1/13/17)
<u>RB-2</u>	Roque Bamba			Professional Qualifications
<u>RB-3</u>	Roque Bamba			Photos of Geologic Conditions

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Katherine J. Barnard, Director, Revenue Requirements and Regulatory Compliance, PSE				
<u>KJB-1T</u>	Katherine J. Barnard			Prefiled Direct Testimony of Katherine J. Barnard (85 pages) (1/13/17)
<u>KJB-2</u>	Katherine J. Barnard			Professional Qualifications
<u>KJB-3</u>	Katherine J. Barnard			Electric General Rate Increase – Original
<u>KJB-4</u>	Katherine J. Barnard			Summary of All Electric Adjustments – Original
<u>KJB-5</u>	Katherine J. Barnard			Regulatory Statements of Test Year Actual Results of Operations
<u>KJB-6</u>	Katherine J. Barnard			Individual Common Electric Adjustments – Original
<u>KJB-7</u>	Katherine J. Barnard			Individual Electric Only Adjustments – Original
<u>KJB-8</u>	Katherine J. Barnard			Power Cost Baseline Rate – Original
<u>KJB-9</u>	Katherine J. Barnard			Electric CRM Revenue Requirement Model – Original
<u>KJB-10T</u>	Katherine J. Barnard			Prefiled Supplemental Testimony of Katherine J. Barnard (13 pages) (4/3/17)
<u>KJB-11</u>	Katherine J. Barnard			Electric General Rate Increase – Supplemental
<u>KJB-12</u>	Katherine J. Barnard			Summary of All Electric Adjustments – Supplemental
<u>KJB-13</u>	Katherine J. Barnard			Individual Common Electric Adjustments – Supplemental
<u>KJB-14</u>	Katherine J. Barnard			Individual Electric Only Adjustments – Supplemental
<u>KJB-15</u>	Katherine J. Barnard			Power Cost Baseline Rate – Supplemental
<u>KJB-16</u>	Katherine J. Barnard			Revenue Deficiency Calculation; Power Cost Baseline Rate Without Microsoft – Supplemental
<u>KJB-17T</u>	Katherine J. Barnard			Prefiled Rebuttal Testimony

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				of Katherine J. Barnard (105 pages) (8/9/17)
<u>KJB-18</u>	Katherine J. Barnard			Electric General Rate Increase – Rebuttal
<u>KJB-19</u>	Katherine J. Barnard			Summary of All Electric Adjustments – Rebuttal
<u>KJB-20</u>	Katherine J. Barnard			Individual Common Electric Adjustments – Rebuttal
<u>KJB-21</u>	Katherine J. Barnard			Individual Electric Only Adjustments – Rebuttal
<u>KJB-22</u>	Katherine J. Barnard			Power Cost Baseline Rate and Revenue Deficiency and Baseline Rate without Microsoft – Rebuttal
<u>KJB-23</u>	Katherine J. Barnard			Comparison of the Electric Revenue Deficiencies by Adjustment Currently Filed by the Company and Opposing Parties
<u>KJB-24</u>	Katherine J. Barnard			Excerpts from Staff’s Response to PSE DR 27 – Impact on Staff’s Electric Revenue Requirement for Various Corrections
<u>KJB-25</u>	Katherine J. Barnard			Staff’s Response to PSE DR 17 – Differences Between PSE and Staff Related to Depreciation for Colstrip Units 3 and 4
<u>KJB-26</u>	Katherine J. Barnard			Electric Depreciation Study Adjustment KJB-20 with Colstrip Units 3 and 4 at Varying Probable Retirement Years
<u>KJB-27</u>	Katherine J. Barnard			Excerpts from Public Counsel’s Response to PSE DR 12
<u>KJB-28</u>	Katherine J. Barnard			Demonstration of Alleged Errors in Public Counsel’s Depreciation Study Adjustments
<u>KJB-29C</u>	Katherine J. Barnard			***CONFIDENTIAL***

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				PSE's Response to ICNU DR 58
<u>KJB-30</u>	Katherine J. Barnard			PSE's Response to Staff DR 134
<u>KJB-31</u>	Katherine J. Barnard			Staff's Response to PSE DR 2
<u>KJB-32</u>	Katherine J. Barnard			Staff's Response to PSE DR 9
<u>KJB-33</u>	Katherine J. Barnard			Comparison of PSE's and Staff's 6 Year Average Normal Storm Proposals
<u>KJB-34</u>	Katherine J. Barnard			Work Paper Filed by Staff Supporting Exhibit TES-2
<u>KJB-35</u>	Katherine J. Barnard			Impacts on Earnings Sharing for Staff's Proposal on Storm
<u>KJB-36</u>	Katherine J. Barnard			Staff's Response to Public Counsel DRs 2, 4, 6, and 7
<u>KJB-37</u>	Katherine J. Barnard			Extract from Attachment A to PSE's Response to Public Counsel DR 72 Showing Regulatory Lag Associated with the Electric Reliability Plan Absent an Electric Cost Recovery Mechanism
<u>KJB-38</u>	Katherine J. Barnard			Update to Electric Cost Recovery Mechanism Revenue Requirements
<u>KJB-39</u>	Katherine J. Barnard			ICNU's Response to PSE's Response to PSE DR 6
<u>KJB-40</u>	Katherine J. Barnard			Recalculation of Exhibit BGM-6 for a Correction to the Calculation of Carrying Charges
CROSS-EXAMINATION EXHIBITS				
<u>KJB-41X</u>	FEA			Docket UE-170033/UG-170034 Order 03, Prehearing Conference Order
<u>KJB-42X</u>	Staff			Testimony of William H. Weinman, WHW-1T, in Dockets UE-072300/UG-072301
<u>KJB-43X</u>	Staff			Direct Testimony of Charles W. King, CKW-1T, in Dockets UE-072300/UG-

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				072301
<u>KJB-44X</u>	Staff			See Exh. MRM-4X (Partial Settlement in Dockets UE-072300/UG-072301)
<u>KJB-45X</u>	Public Counsel			Barnard Workpaper 6.06E Depreciation Study 17GR (Common)
<u>KJB-46X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 315, with Attachment A
<u>KJB-47X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 473
<u>KJB-48X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 474
<u>KJB-49X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 475
<u>KJB-50X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 476
<u>KJB-51X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 477, with Attachments A and B
<u>KJB-52X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 478
<u>KJB-53X</u>	Public Counsel			<u>PSE Response to Public Counsel DR 444 (Originally designated DEM-5X and DEM-6X)</u>
<u>KJB-54X</u>	Public Counsel			<u>PSE Response to Public Counsel DR 460 (Originally designated as DEM-7X)</u>
<u>KJB-55X</u>	Public Counsel			<u>Puget Sound Energy Response to ICNU DR 9, Supplemental, with Excerpt from Attachment E of the June 2016 CBR (Originally designated as RAM-23X)</u>
<u>KJB-56X</u>	Public Counsel			<u>Excerpt from Depreciation</u>

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					<u>Systems, Wolf and Fitch, Chapter 4, Iowa State University Press (1994) (Originally designated as JJS-8X)</u>
<u>KJB-57X</u>	<u>Public Counsel</u>				<u>Puget Sound Energy Response to Public Counsel DR 447, with Attachment A (Originally designated as JJS-9X)</u>
<u>KJB-58X</u>	<u>Public Counsel</u>				<u>Puget Sound Energy Response to Public Counsel DR 448, with Attachment A (Originally designated as JJS-10X)</u>
<u>KJB-59X</u>	<u>Public Counsel</u>				<u>Puget Sound Energy Response to Public Counsel DR 449, with Attachments A and B (Originally designated as JJS-11X)</u>
<u>KJB-60X</u>	<u>Public Counsel</u>				<u>Puget Sound Energy Response to Public Counsel DR 450, with Attachment A (Originally designated as JJS-12X)</u>
<u>KJB-61X</u>	<u>Public Counsel</u>				<u>Puget Sound Energy Response to Public Counsel DR 451 (Originally designated as JJS-13X)</u>
<u>KJB-62X</u>	<u>Public Counsel</u>				<u>Puget Sound Energy Response to Public Counsel DR 452, with Attachment A (Originally designated as JJS-14X)</u>
<u>KJB-63X</u>	<u>Public Counsel</u>				<u>Puget Sound Energy Response to Public Counsel DR 454 (Originally designated as JJS-15X)</u>
<u>KJB-64X</u>	<u>Public Counsel</u>				<u>Puget Sound Energy Response to Public Counsel DR 456 (Originally designated as JJS-16X)</u>

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Chun K. Chang, Regulatory Consultant in Pricing and Cost of Service, PSE				
<u>CKC-1T</u>	Chun K. Chang			Prefiled Direct Testimony of Dr. Chun K. Chang (15 pages) (1/13/17)
<u>CKC-2</u>	Chun K. Chang			Professional Qualifications
<u>CKC-3T</u>	Chun K. Chang			Prefiled Rebuttal Testimony of Dr. Chun K. Chang (22 pages) (8/9/17)
<u>CKC-4</u>	Chun K. Chang			PSE's Responses to Staff DRs 6, 9, 11, and 46
<u>CKC-5</u>	Chun K. Chang			PSE's Rate Schedule Model Specifications and Statistical Test Results
CROSS-EXAMINATION EXHIBITS				
<u>CKC-6X</u>	ICNU			PSE Response to ICNU DR 155
Daniel A. Doyle, Senior Vice President and Chief Financial Officer of PSE				
<u>DAD-1T</u>	Daniel A. Doyle			Prefiled Direct Testimony of Daniel A. Doyle (49 pages) (1/13/17)
<u>DAD-2</u>	Daniel A. Doyle			Professional Qualifications
<u>DAD-3</u>	Daniel A. Doyle			Summary Decoupling and Rate Plan Analysis, 2013-2016
<u>DAD-4</u>	Daniel A. Doyle			Comparison of Earnings Sharing Level and Opportunity to Earn Authorized Return on Equity
<u>DAD-5</u>	Daniel A. Doyle			Summary of Rate Cases Decided Between 10/1/15 and 9/30/16
<u>DAD-6</u>	Daniel A. Doyle			Equity Ratio from Rate Cases Decided Between 10/1/15 and 9/30/16, Sorted by S&P Credit Rating
<u>DAD-7T</u>	Daniel A. Doyle			Prefiled Rebuttal Testimony of Daniel A. Doyle (64 pages) (8/9/17)
<u>DAD-8</u>	Daniel A. Doyle			Range of States with Decoupling Policies for

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				Electric and Gas Industries
CROSS-EXAMINATION EXHIBITS				
<u>DAD-9X</u>	Staff			ICNU Response to Staff DR 2
<u>DAD-10X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 469
<u>DAD-11X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 470
<u>DAD-12X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 471
<u>DAD-13X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 472
William T. Einstein, Director of Product Development and Growth				
<u>WTE-1T</u>	William T. Einstein			Prefiled Rebuttal Testimony of William T. Einstein (10 pages) (8/9/17)
<u>WTE-2</u>	William T. Einstein			Professional Qualifications
CROSS-EXAMINATION EXHIBITS				
<u>WTE-3X</u>	Staff			PSE Schedule 71
<u>WTE-4X</u>	Staff			PSE Schedule 72
<u>WTE-5X</u>	Staff			PSE Schedule 74
Susan E. Free, Manager of Revenue Requirement, PSE				
<u>SEF-1T</u>	Susan E. Free			Prefiled Direct Testimony of Susan E. Free (34 pages) (1/13/17)
<u>SEF-2</u>	Susan E. Free			Professional Qualifications
<u>SEF-3</u>	Susan E. Free			Gas General Rate Increase – Original
<u>SEF-4</u>	Susan E. Free			Summary of All Gas Adjustments – Original
<u>SEF-5</u>	Susan E. Free			Regulatory Statements of Test Year Actual Results of Operations
<u>SEF-6</u>	Susan E. Free			Individual Common Gas Adjustments – Original

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<u>SEF-7</u>	Susan E. Free			Individual Gas Only Adjustment – Original
<u>SEF-8T</u>	Susan E. Free			Prefiled Supplemental Testimony of Susan E. Free (8 pages) (4/3/17)
<u>SEF-9</u>	Susan E. Free			Gas General Rate Increase – Supplemental
<u>SEF-10</u>	Susan E. Free			Summary of All Gas Adjustments – Supplemental
<u>SEF-11</u>	Susan E. Free			Individual Common Gas Adjustments – Supplemental
<u>SEF-12T</u>	Susan E. Free			Prefiled Rebuttal Testimony of Susan E. Free (59 pages) (8/9/17)
<u>SEF-13</u>	Susan E. Free			Gas General Rate Increase – Rebuttal
<u>SEF-14</u>	Susan E. Free			Summary of All Gas Adjustments – Rebuttal
<u>SEF-15</u>	Susan E. Free			Individual Common Gas Adjustments – Rebuttal
<u>SEF-16</u>	Susan E. Free			Individual Gas Only Adjustment – Rebuttal
<u>SEF-17</u>	Susan E. Free			Comparison of the Gas Revenue Deficiencies by Adjustment Currently Filed by PSE and Opposing Parties
<u>SEF-18</u>	Susan E. Free			Excerpts from Staff’s Response to PSE DR 27 – Impact on Staff’s Natural Gas Revenue Requirement for Various Corrections
<u>SEF-19</u>	Susan E. Free			Excerpts from Staff’s Response to PSE DR 28 – Impact on Commission Staff’s Working Capital Calculation for Various Corrections
<u>SEF-20</u>	Susan E. Free			Comparison of Test Year, Allowed and Total Rate Case Costs Per Proceeding
<u>SEF-21</u>	Susan E. Free			2014 System Entry to Transfer Kent Property from Utility to Non-utility Property

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				at Time of Sale
<u>SEF-22</u>	Susan E. Free			System Entries for Deferred Gain on Property Sales
<u>SEF-23</u>	Susan E. Free			Comparison of PSE's and Staff's Methods for Allocating Unassigned Recoveries to Specific Sites for Environmental Remediation
<u>SEF-24</u>	Susan E. Free			Determination of PSE's Electric Environmental Remediation Adjustment Utilizing the Low Range of Future Cost Estimates
<u>SEF-25</u>	Susan E. Free			Determination of PSE's Gas Environmental Remediation Adjustment Utilizing the Low Range of Future Cost Estimates
<u>SEF-26</u>	Susan E. Free			Attachment A to PSE's First Supplemental Response to Staff DR 269
<u>SEF-27</u>	Susan E. Free			Transmittal Letter and Report for WNG's September 30, 1994, Environmental Remediation Quarterly Report filed December 23, 1994
<u>SEF-28</u>	Susan E. Free			Calculation of Working Capital – Summary
<u>SEF-29</u>	Susan E. Free			Calculation of Working Capital – Detail
<u>SEF-30</u>	Susan E. Free			Staff's Response to PSE DR 11
<u>SEF-31</u>	Susan E. Free			Staff's Response to PSE DRs 8 and 14 and a Presentation of How to Adjust for Working Capital Outside of the Working Capital Exhibit
Booga K. Gilbertson, Senior Vice President, Operations, PSE				
<u>BKG-1T</u>	Booga K. Gilbertson			Prefiled Direct Testimony of Booga K. Gilbertson (38 pages) (1/13/17)
<u>BKG-2</u>	Booga K. Gilbertson			Professional Qualifications

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<u>BKG-3</u>	Booga K. Gilbertson			Capital Expenditures by Category (1/11-9/16)
Thomas M. Hunt, Director of Compensation and Benefits, PSE				
<u>TMH-1T</u>	Thomas M. Hunt			Prefiled Direct Testimony of Thomas M. Hunt (27 pages) (1/13/17)
<u>TMH-2</u>	Thomas M. Hunt			Professional Qualifications
<u>TMH-3C</u>	Thomas M. Hunt			***CONFIDENTIAL*** Historic Merit Average Increases
<u>TMH-4</u>	Thomas M. Hunt			PSE Executive Compensation
<u>TMH-5C</u>	Thomas M. Hunt			***CONFIDENTIAL*** Health Benefit Plans History (2012-2016) Monthly Flex Credits and Medical Plan Costs
<u>TMH-6C</u>	Thomas M. Hunt			***CONFIDENTIAL*** PSE Retirement Plan – Monthly Assets and PBO from 1/2012 to 9/30/16
<u>TMH-7C</u>	Thomas M. Hunt			***CONFIDENTIAL*** Retirement Plan for Employees of Puget Sound Energy Ten Year Deterministic Projection (2016-2025) Baseline: 2016 Preliminary Valuation Results
<u>TMH-8</u>	Thomas M. Hunt			PSE 2016 Goals and Incentive Plan
Catherine A. Koch, Director, Planning, PSE				
<u>CAK-1CT</u>	Catherine A. Koch			***CONFIDENTIAL*** Confidential Prefiled Direct Testimony of Catherine A. Koch (20 pages) (1/13/17)
<u>CAK-2</u>	Catherine A. Koch			Professional Qualifications
<u>CAK-3C</u>	Catherine A. Koch			***CONFIDENTIAL*** 2017 and 2018 Electric

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				Reliability Plan
<u>CAK-4T</u>	Catherine A. Koch			Prefiled Rebuttal Testimony of Catherine A. Koch (43 pages) (8/19/17)
<u>CAK-5</u>	Catherine A. Koch			Ernest Orlando Lawrence Berkeley National Laboratory Updated Value of Service Reliability Estimates for Electric Utility Customers in the United States (Jan. 2015)
<u>CAK-6</u>	Catherine A. Koch			PSE Response to Public Counsel DR 25
<u>CAK-7</u>	Catherine A. Koch			PSE Response to ICNU DR 24
<u>CAK-8</u>	Catherine A. Koch			Ardmore Project Chronology
CROSS-EXAMINATION EXHIBITS				
<u>CAK-9X</u>	ICNU			PSE Response to ICNU DR 142
<u>CAK-10X</u>	ICNU			PSE Response to ICNU DR 143
<u>CAK-11X</u>	ICNU			Ardmore Substation Project Change Request Log
<u>CAK-12X</u>	ICNU			PSE Project Change Request #8 (5/3/11)
<u>CAK-13X</u>	ICNU			PSE Project Change Request #10 (7/21/11)
<u>CAK-14X</u>	ICNU			PSE Project Change Request #11 (2/4/14)
<u>CAK-15X</u>	ICNU			Study to Combine Interlaken Substation with Ardmore Substation (4/6/10)
<u>CAK-16X</u>	ICNU			Ardmore Substation Site Selection Matrix
<u>CAK-17X</u>	ICNU			PSE Response to ICNU DR 148
<u>CAK-18X</u>	ICNU			PSE Response to ICNU DR 150
<u>CAK-19X</u>	ICNU			PSE Response to ICNU DR 156

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<u>CAK-20X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 461
<u>CAK-21X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 462
<u>CAK-22X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 463
<u>CAK-23X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 465
<u>CAK-24X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 466
<u>CAK-25X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 467
<u>CAK-26X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 468
Brandon J. Lohse, Corporate Treasurer for PSE				
<u>BJL-1T</u>	Brandon H. Lohse			Prefiled Direct Testimony of Brandon H. Lohse (21 pages) (1/13/17)
<u>BJL-2</u>	Brandon H. Lohse			Professional Qualifications
<u>BJL-3</u>	Brandon H. Lohse			Utility Capital Structure Cost of Capital and Rate of Return; Utility Capital Structure Calculation; Cost of Short-Term Debt; Commitment Fees; Amortization of Short-Term Debt Issue Costs; Cost of Long Term Debt; Schedule of Annual Charges on Reacquired Debt
<u>BJL-4</u>	Brandon H. Lohse			Utility Capital Structure Proposed Cost of Capital and Rate of Return Requested for Rate Year 2018; Requested Cost of Debt; Short Term

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				Debt Interest and Fees Details; Interest Calculation on \$250M Jr. Subordinated Security; Schedule of Annual Charges on Reacquired Debt
<u>BJL-5</u>	Brandon H. Lohse			Bonds Callable as of 9/30/16
<u>BJL-6</u>	Brandon H. Lohse			S&P Global Ratings Direct Summary for PSE
<u>BJL-7</u>	Brandon H. Lohse			Moody's Investors Service Credit Opinion on PSE, 8/5/16
Matthew R. Marcellia, Controller and Principal Accounting Officer				
<u>MRM-1T</u>	Matthew R. Marcellia			Prefiled Rebuttal Testimony of Matthew R. Marcellia (39 pages) (8/9/17)
<u>MRM-2</u>	Matthew R. Marcellia			Professional Qualifications
<u>MRM-3</u>	Matthew R. Marcellia			Colstrip Units 1 and 2 Historical Depreciation Rates
CROSS-EXAMINATION EXHIBITS				
<u>MRM-4X</u>	Staff			Partial Settlement in Dockets UE-072300/UG-072301
<u>MRM-5X</u>	Public-Counsel			IRS Private Ruling Letter Dated May 2, 2014
George E. Marshall, Manager, Transmission Policy and Contracts				
<u>GEM-1T</u>	George E. Marshall			Prefiled Rebuttal Testimony of George E. Marshall (18 pages) (8/9/17)
<u>GEM-2</u>	George E. Marshall			Professional Qualifications
<u>GEM-3</u>	George E. Marshall			PSE Response to NWECC/RNW/NRDC DR 14
David E. Mills, Vice President, Energy Operations for PSE				
<u>DEM-1Tr</u>	David E. Mills			Prefiled Direct Testimony of David E. Mills (29 pages) (1/13/17, revised 2/3/17)
<u>DEM-2</u>	David E. Mills			Professional Qualifications
<u>DEM-3</u>	David E. Mills			Benefits Analysis of PSE's Participation in the ISO Energy Imbalance Market
<u>DEM-4T</u>	David E. Mills			Prefiled Rebuttal Testimony of David E. Mills (8 pages) (8/9/17)

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<u>DEM-5X</u>	The Energy Project			PSE Response to Public Counsel DR 444
DEM-6X	Public Counsel			See DEM-5X (PSE Response to Public Counsel DR 444)
DEM-7X	Public Counsel			PSE Response to Public Counsel DR 460
Joel L. Molander, Director, IT Business Partner Engagement, PSE				
<u>JLM-1T</u>	Joel L. Molander			Prefiled Direct Testimony of Joel L. Molander (13 pages) (1/13/17)
<u>JLM-2</u>	Joel L. Molander			Professional Qualifications
<u>JLM-3</u>	Joel L. Molander			South King Complex Strategy Assumptions, Analysis and Opinion Memorandum RE: PSE Strategic Real Estate Options, Prepared by CBRE Brokerage
<u>JLM-4</u>	Joel L. Molander			South King Complex Pro Forma Summary
Roger A. Morin, Emeritus Professor of Finance at Robinson College of Business, Georgia State University				
<u>RAM-1T</u>	Roger A. Morin			Prefiled Direct Testimony of Dr. Roger A. Morin (58 pages) (1/13/17)
<u>RAM-2</u>	Roger A. Morin			Professional Qualifications
<u>RAM-3</u>	Roger A. Morin			Investment-Grade Dividend-Paying Combination Gas and Electric Utilities Covered in Value Line's Electric Utility Industry Group
<u>RAM-4</u>	Roger A. Morin			Proxy Group for PSE
<u>RAM-5</u>	Roger A. Morin			Combination Electric and Gas Utilities DCF Analysis Value Line Growth Rates
<u>RAM-6</u>	Roger A. Morin			Combination Electric and Gas Utilities DCF Analysis Analysts' Growth Forecasts
<u>RAM-7</u>	Roger A. Morin			Combination Electric and

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				Gas Utilities Beta Estimates
<u>RAM-8</u>	Roger A. Morin			CAPM, Empirical CAPM
<u>RAM-9</u>	Roger A. Morin			2015 Utility Industry Historical Risk Premium
<u>RAM-10</u>	Roger A. Morin			Equity Risk Premium – Treasury Bond
<u>RAM-11</u>	Roger A. Morin			Proxy Group for PSE Common Equity Ratios
<u>RAM-12T</u>	Roger A. Morin			Prefiled Rebuttal Testimony of Dr. Roger A. Morin (97 pages) (8/9/17)
<u>RAM-13</u>	Roger A. Morin			PSE's Response to Public Counsel DR 333
CROSS-EXAMINATION EXHIBITS				
<u>RAM-14X</u>	Staff			Excerpt from Order 14 in Dockets UE-130137/UG- 130138 Showing Dr. Morin's Results, and Comparison with Dr. Morin's Results in Docket UE-170033/UG- 170034
<u>RAM-15X</u>	Staff			Excerpt from Prefiled Testimony in Dockets UW- 130137/UG-130138, RAM-1T, pp. 44-45
<u>RAM-16X</u>	Staff			Council of Economic Advisers Interest Rates July 2017
<u>RAM-17X</u>	Staff			PSE Response to Staff DR 486
<u>RAM-18X</u>	Public Counsel			Chart of 30-Year Treasury Yield
<u>RAM-19X</u>	Public Counsel			Prefiled Direct Testimony of Dr. Roger A. Morin in 2007 PSE Rate Case (Dockets UE- 072300 and UG-072301) (Dec. 3, 2007)
<u>RAM-20X</u>	Public Counsel			Prefiled Direct Testimony of Dr. Roger A. Morin in 2009 PSE Rate Case (Dockets UE- 090704 and UG-090705) (May

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				8, 2009)
<u>RAM-21X</u>	Public Counsel			Revised Prefiled Direct Testimony of Dr. Roger A. Morin in 2012 PSE Rate Case (Dockets UE-121697/UG-121705 and Dockets UE-130137/UG-130138) (Nov. 15, 2014; Revised Feb. 5, 2015)
<u>RAM-22X</u>	Public Counsel			Duff & Phelps Cost of Capital Homepage
<u>RAM-23X</u>	Public Counsel			Puget Sound Energy Response to ICNU DR 9, Supplemental, with Excerpt from Attachment E of the June 2016 CBR
Michael Mullally, Manager, Business Initiatives, Strategic Initiatives Department				
<u>MM-1HCT</u>	Michael Mullally			*** HIGHLY CONFIDENTIAL *** Confidential Prefiled Direct Testimony of Michael Mullally (38 pages) (1/13/17)
<u>MM-2</u>	Michael Mullally			Professional Qualifications
<u>MM-3</u>	Michael Mullally			RFP City of Buckley Sale of Natural Gas Utility
<u>MM-4C</u>	Michael Mullally			*** CONFIDENTIAL *** Buckley Natural Gas System RFP Overview
<u>MM-5</u>	Michael Mullally			June 13, 2013, Letter to City of Buckley from PSE RE: RFPs City of Buckley Sale of Natural Gas Utility
<u>MM-6</u>	Michael Mullally			October 15, 2013, Letter to PSE from GeoEngineers RE: Historic Research to Identify Properties of Potential Environmental Concern in Close Proximity to City of Buckley's Natural Gas Distribution Lines

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<u>MM-7</u>	Michael Mullally			Assignment Agreement Between City of Buckley and PSE
<u>MM-8</u>	Michael Mullally			Firm Natural Gas Service Agreement Between City of Enumclaw and PSE, Docket UG-140088
<u>MM-9Cr</u>	Michael Mullally			***CONFIDENTIAL*** Memorandum RE: Buckley Valuation Method with Appendices (Exhibit revised 1/27/17)
<u>MM-10HC</u>	Michael Mullally			*** HIGHLY CONFIDENTIAL*** Energy Storage EPC Scoring Matrix – Clean Energy Fund Proposal (October 2014)
<u>MM-11</u>	Michael Mullally			PSE IRP Electric Analysis
<u>MM-12C</u>	Michael Mullally			***CONFIDENTIAL*** New Douglas PUD (Wells Project) PPA, EMC Informational 4/16/15 Prepared by Brennan Mueller, Energy Contract Administrator
Jon A. Piliaris, Manager of Pricing and Cost of Service, PSE				
<u>JAP-1T</u>	Jon A. Piliaris			Prefiled Direct Testimony of Jon A. Piliaris (159 pages) (1/13/17)
<u>JAP-2</u>	Jon A. Piliaris			Professional Qualifications
<u>JAP-3</u>	Jon A. Piliaris			Pro Forma Delivered Sales Electric Rates
<u>JAP-4</u>	Jon A. Piliaris			Gas Adjustments to Volume (Therms) by Rate Schedule
<u>JAP-5C</u>	Jon A. Piliaris			***CONFIDENTIAL*** Peak Credit Method for 2014 Filing, Company Proposal
<u>JAP-6C</u>	Jon A. Piliaris			***CONFIDENTIAL*** Peak Credit Method with

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				Updated Data, Company Proposal
<u>JAP-7</u>	Jon A. Piliaris			Electric Cost of Service Summary
<u>JAP-8</u>	Jon A. Piliaris			2017 Gas Cost of Service Study Proposed Test Year Without Gas
<u>JAP-9</u>	Jon A. Piliaris			2017 Gas Cost of Service Study Proposed Test Year With Gas
<u>JAP-10</u>	Jon A. Piliaris			2017 Gas Account Detail by Classification and Rate Class
<u>JAP-11</u>	Jon A. Piliaris			2017 Gas Cost of Service Study Account Inputs
<u>JAP-12</u>	Jon A. Piliaris			2017 Gas Cost of Service Study External Allocators
<u>JAP-13</u>	Jon A. Piliaris			Allocation of Account 376 Distribution Mains
<u>JAP-14</u>	Jon A. Piliaris			Summary of Gas Cost Allocation Pro Forma Test Year with Gas
<u>JAP-15</u>	Jon A. Piliaris			PSE Non-Lighting Tariffed Rate Components; Lighting Tariffed Rate Components; Summary Rate Spread; Summary of Proposed Rate Design Present and Proposed Rates; Estimated Effect of Proposed Rate Base Increase on Revenues from Electric Sales; Residential Rate Design; Secondary Voltage Rate Design; Primary Voltage Rate Design; Campus Rate Design; High Voltage Rate Design; Transportation and Wholesale for Resale; Area and Street Lighting Rate Design
<u>JAP-16</u>	Jon A. Piliaris			Proposed Electric Schedules 7, 7B, 24-26, 29, 31, 35, 40, 43,

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				46, 49, 50-55, 57, 58, 95, 141, 142, 149, 448, 449, 458, and 459
<u>JAP-17</u>	Jon A. Piliaris			Survey of Basic Charges of US Electric Utilities
<u>JAP-18</u>	Jon A. Piliaris			Schedule 40 Coincident Factors by Customer
<u>JAP-19</u>	Jon A. Piliaris			GRC Rate Impacts
<u>JAP-20</u>	Jon A. Piliaris			Lighting Schedules, Classification of Lighting Costs
<u>JAP-21</u>	Jon A. Piliaris			Development of Unitized Lighting Costs
<u>JAP-22</u>	Jon A. Piliaris			Summary of Allocated Costs
<u>JAP-23</u>	Jon A. Piliaris			Lighting Revenues Summary Base Rate vs. Proposed 2017 GRC
<u>JAP-24</u>	Jon A. Piliaris			Allocation of Revenue Deficiency to Rate Classes at Existing PGA Allocation
<u>JAP-25</u>	Jon A. Piliaris			Current and Proposed Natural Gas Tariff Rules 21, 23, and 29, Schedules 16, 23, 31, 31T, 41, 41T, 53, 85, 85T, 185T, 86, 86T, 87, 87T, 141, Supplemental Schedule 142
<u>JAP-26</u>	Jon A. Piliaris			Survey of Residential Monthly Minimum Charges of Gas Utilities
<u>JAP-27</u>	Jon A. Piliaris			2017 Gas Cost of Service Study Procurement Charge Calculation Pro Forma Test Year Without Gas
<u>JAP-28</u>	Jon A. Piliaris			2017 Gas Proposed Rates, Estimated Combined Impact on Total Bills
<u>JAP-29</u>	Jon A. Piliaris			PSE Electric and Natural Gas Evaluation: Three Years of Decoupling; Independent Third-Party Evaluation of

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				PSE's Decoupling Mechanisms, Prepared by H. Gil Peach & Associates, Forefront Economics, Inc., and Joseph Associates, Inc. (12/31/16)
<u>JAP-30</u>	Jon A. Piliaris			Electric Decoupling Mechanism Development of Decoupled Delivery and Power Cost Revenue by Decoupling Group; Development of Allowed Delivery Revenue & Fixed Power Cost Revenue Per Customer; Development of Delivery Revenue & Fixed Power Cost Per Unit Rates; Development of Delivery Revenue Per Unit Rates; Development of Monthly Allowed Delivery Revenue Per Customer; Development of Monthly Allowed Fixed Power Cost Revenue Per Customer; Delivery Revenue Deferral and Amortization Calculations; Fixed Power Cost Deferral and Amortization Calculations
<u>JAP-31</u>	Jon A. Piliaris			Gas Decoupling Mechanism Development of Decoupled Revenue by Decoupling Group; Development of Allowed Delivery Revenue Per Customer; Development of Delivery Revenue Per Unit Rates; Development of Monthly Allowed Delivery Revenue Per Customer; Delivery Revenue Deferral and Amortization Calculations
<u>JAP-32</u>	Jon A. Piliaris			Electric CRM Revenue

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				Requirement Model; Calculation of Schedule 149 Electric Rider Rates
<u>JAP-33C</u>	Jon A. Piliaris			***CONFIDENTIAL*** Electric Decoupling Mechanism Development of Decoupled Delivery and Power Cost Revenue by Decoupling Group
<u>JAP-34T</u>	Jon A. Piliaris			Prefiled Supplemental Testimony of Jon A. Piliaris (20 pages) (4/3/17)
<u>JAP-35</u>	Jon A. Piliaris			PSE Response to Staff DR 101
<u>JAP-36</u>	Jon A. Piliaris			PSE Response to Staff DR 6
<u>JAP-37</u>	Jon A. Piliaris			2017 GRC Supplemental – Gas Adjustments to Volume (Therms) by Rate Schedule; Reconciliation of Revenue at Actual Rates by Rate Schedule
<u>JAP-38</u>	Jon A. Piliaris			Calculation of Schedule 95 Rate; Statement of Pro Forma and Proposed Revenue for Schedule 95
<u>JAP-39</u>	Jon A. Piliaris			Tariffed Rate Components; Summary Rate Spread; Estimated Effect of Proposed Base Rate Increase on Revenues from Electric Sales; Residential Rate Design; Secondary Voltage Rate Design; Primary Voltage Rate Design; Campus Rate Design; High Voltage Rate Design; Transportation and Wholesale for Resale; Area and Street Lighting Rate Design
<u>JAP-40</u>	Jon A. Piliaris			Allocation of Revenue Deficiency to Rate Classes at

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				Existing PGA Allocations; Current and Proposed Rates by Rate Schedule; Rental Schedules 71, 72, and 74
<u>JAP-41</u>	Jon A. Piliaris			Electric Decoupling Mechanism Calculations
<u>JAP-42</u>	Jon A. Piliaris			Gas Decoupling Mechanism Calculations
<u>JAP-43C</u>	Jon A. Piliaris			Electric Decoupling Mechanism Calculations
<u>JAP-44</u>	Jon A. Piliaris			GRC Rate Impacts; Monthly Billing Comparison by Schedule
<u>JAP-45</u>	Jon A. Piliaris			2017 Gas GRC Proposed Rates Estimated Combined Impact on Total Bills; Typical Residential Bill Impacts of Proposed Rate Changes
<u>JAP-46CT</u>	Jon A. Piliaris			***CONFIDENTIAL*** Confidential Prefiled Rebuttal Testimony of Jon A. Piliaris (86 pages) (8/9/17)
<u>JAP-47</u>	Jon A. Piliaris			Decoupling Calculations for Fixed Production Cost (Based on Staff's Proposal)
<u>JAP-48</u>	Jon A. Piliaris			The Energy Project Response to PSE DR 2
<u>JAP-49</u>	Jon A. Piliaris			Joint Motion to Amend Order 03 and Settlement Agreement in Docket UE- 141368
<u>JAP-50</u>	Jon A. Piliaris			Modified Parity Ratio Calculation for Schedule 40
<u>JAP-51</u>	Jon A. Piliaris			Sample PSE Residential Electric Customer Bill
<u>JAP-52</u>	Jon A. Piliaris			PSE Residential Electric Rate Summary
<u>JAP-53</u>	Jon A. Piliaris			Staff Response to PSE DR 24
<u>JAP-54T</u>	Jon A. Piliaris			Supplemental Rebuttal Testimony of Jon A. Piliaris

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				(8/15/17) (16 pages)
CROSS-EXAMINATION EXHIBITS				
<u>JAP-55X</u>	ICNU			PSE Response to ICNU DR 129
<u>JAP-56X</u>	ICNU			Attachment A to PSE Response to ICNU DR 154
<u>JAP-57X</u>	ICNU			Excerpt of Pacific Power Direct Testimony in Docket UE-152253
<u>JAP-58X</u>	ICNU			Excerpt of PSE Direct Testimony in Dockets UE-121697/UG-121705
<u>JAP-59X</u>	ICNU			Excerpt of PSE Direct Rebuttal Testimony in Dockets UE-121373; UE-121697/UG-121705; and UE-130137/UG-130138
<u>JAP-60X</u>	ICNU			ICNU Response to PSE DR 11
<u>JAP-61X</u>	FEA			Docket U-100522, Report and Policy Statement on Regulatory Mechanisms, Including Decoupling, to Encourage Utilities to Meet or Exceed Their Conservation Targets, Page 18
<u>JAP-62X</u>	Staff			Final Order in Docket UE-130617
<u>JAP-63X</u>	Staff			Settlement Stipulation and Attachments in Docket UE-130617
<u>JAP-64X</u>	Staff			PSE Response to ICNU DR 160
<u>JAP-65CX</u>	Staff			***CONFIDENTIAL*** PSE Response to Staff DR 444
<u>JAP-66HCX</u>	Staff			***HIGHLY CONFIDENTIAL*** Special Contract
<u>JAP-67X</u>	Staff			PSE Response to Staff DR

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<u>JAP-68X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 480, with Attachment A
Ronald J. Roberts, Director of Thermal Resources, PSE				
<u>RJR-1CT</u>	Ronald J. Roberts			***CONFIDENTIAL*** Confidential Prefiled Direct Testimony of Ronald J. Roberts (76 pages) (1/13/17)
<u>RJR-2</u>	Ronald J. Roberts			Professional Qualifications
<u>RJR-3</u>	Ronald J. Roberts			Construction and Ownership Agreement Between Montana Power Company and PSE
<u>RJR-4</u>	Ronald J. Roberts			Agreement for the Operation and Maintenance of Colstrip Steam Electric Generating Plant Between Montana Power Company and PSE
<u>RJR-5</u>	Ronald J. Roberts			Common Facilities Agreement Between Montana Power Company, PSE, Washington Water Power Company, Portland General Electric Company, Pacific Power, and Basin Electric Power Cooperative for Colstrip Units 1-4
<u>RJR-6</u>	Ronald J. Roberts			Coal Purchase and Sale Agreement by and Among PPL Montana, LLC and PSE as Buyers and Western Energy Company as Seller
<u>RJR-7</u>	Ronald J. Roberts			Colstrip Project Transmission Agreement between Northwestern Energy, PSE, Avista, Portland General Electric Company, and PacifiCorp
<u>RJR-8</u>	Ronald J. Roberts			Transmission Agreement Between Montana Power

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				Company and PSE for Colstrip Units 1 and 2
<u>RJR-9</u>	Ronald J. Roberts			Amended and Restated Transmission Agreement Executed by US DOE Acting by and through the Bonneville Power Administration and Montana Intertie Users (Colstrip Project)
<u>RJR-10</u>	Ronald J. Roberts			EPA Rules and Proposed Rules
<u>RJR-11</u>	Ronald J. Roberts			US Energy Information Administration article, “Coal Made up more than 80% of Retired Electricity Generating Capacity in 2015” March 8, 2016
<u>RJR-12</u>	Ronald J. Roberts			“A Bleak Future for Colstrip Units 1 and 2,” Institute for Energy Economics and Financial Analysis, June 2015
<u>RJR-13</u>	Ronald J. Roberts			Statement of Talen Energy, Jeremy McGuire, Senior VP, CFO, before the Montana Energy and Telecommunications Interim Committee, July 14, 2016
<u>RJR-14</u>	Ronald J. Roberts			Talen Montana Colstrip Power Plant Shutdown Water Management Options Analysis, Prepared by WorleyParsons Resources and Energy
<u>RJR-15</u>	Ronald J. Roberts			Feasibility Capital Cost Estimate Colstrip Units 1-4 SCR Retrofit, prepared by David Bowen for Burns & McDonnell
<u>RJR-16</u>	Ronald J. Roberts			USDC District of Montana Sierra Club and Montana Environmental Information

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				Center v. Talen Montana, LLC, Avista, PSE, Portland General Electric Company, Northwestern Energy, and PacifiCorp – Declaration of Gordon Criswell in Opposition of Plaintiff’s Motion for Attorney’s Fees
<u>RJR-17</u>	Ronald J. Roberts			Forecast of Possible Cost Impacts of I-732
<u>RJR-18</u>	Ronald J. Roberts			Consent Decree from USDC District of Montana between Sierra Club, Montana Environmental Information Center and Talen Montana, LLC, Avista, PSE, Portland General Electric Company, Northwestern Energy, PacifiCorp
<u>RJR-19</u>	Ronald J. Roberts			General Release and Settlement Agreement between Sierra Club, Montana Environmental Information Center, National Wildlife Federation and Talen Montana, LLC, Avista, PSE, Portland General Electric Company, Northwestern Energy, PacifiCorp
<u>RJR-20</u>	Ronald J. Roberts			Cost Estimate to Retire and Decommission Colstrip Units 1 and 2, Black & Veatch Corporation
<u>RJR-21</u>	Ronald J. Roberts			Colstrip Units 1 and 2 Demolition Cost Estimate, HDR Engineering, Inc.
<u>RJR-22</u>	Ronald J. Roberts			Brandenburg Quote – Demolition Budget Colstrip Units 1 and 2
<u>RJR-23</u>	Ronald J. Roberts			Total Projected Decommissioning and

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				Demolition Costs and CCR Plan Costs Colstrip Units 1 and 2
<u>RJR-24</u>	Ronald J. Roberts			Master Plan Summary Report Update Colstrip Steam Electric Station Prepared by Geosyntec Consultants, Revised 9/23/16
<u>RJR-25</u>	Ronald J. Roberts			2017 GRC vs. 2014 PCORC as filed
<u>RJR-26C</u>	Ronald J. Roberts			***CONFIDENTIAL*** Amortization for Rate Years Major Maintenance Expense
<u>RJR-27</u>	Ronald J. Roberts			Lower Snake River Operations and Maintenance Cost Benchmark and Forecast Study
<u>RJR-28</u>	Ronald J. Roberts			RFP for Lower Snake River Service and Maintenance on Behalf of PSE
<u>RJR-29C</u>	Ronald J. Roberts			***CONFIDENTIAL*** New Siemens Wind Turbine Services Agreement
<u>RJR-30T</u>	Ronald J. Roberts			Prefiled Rebuttal Testimony of Ronald J. Roberts (18 pages) (8/9/17)
<u>RJR-31</u>	Ronald J. Roberts			The Application for a Construction Permit to the Montana Department of Health and Environmental Services for Colstrip Units 1 and 2
<u>RJR-32</u>	Ronald J. Roberts			Study of Alternate Ash Disposal Methods For Colstrip Units No. 1 and No. 2, issued by the Montana Power Company in February 1985
CROSS-EXAMINATION EXHIBITS				
<u>RJR-33X</u>	Sierra Club			PSE's 2017 IRP Advisory

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				Group Presentation Excerpt
<u>RJR-34X</u>	Sierra Club			Portland General Electric's 2016 IRP Plan Excerpt
<u>RJR-35X</u>	Sierra Club			Pacific Powers 2015 IRP Volume 1 Excerpt
John K. Rork, Manager, Environmental Programs & Sciences Department, PSE				
<u>JKR-1T</u>	John K. Rork			Prefiled Direct Testimony of John K. Rork (14 pages) (1/13/17)
<u>JKR-2</u>	John K. Rork			Professional Qualifications
<u>JKR-3</u>	John K. Rork			Electric Sites and Former Manufactured Gas Sites Actual Costs and Insurance Recoveries through 9/16
Suzanne M. Sasville, Supervisor for Energy Assistance Programs, PSE				
<u>SMS-1T</u>	Suzanne M. Sasville			Prefiled Direct Testimony of Suzanne M. Sasville (8 pages) (1/13/17)
<u>SMS-2</u>	Suzanne M. Sasville			Professional Qualifications
<u>SMS-3</u>	Suzanne M. Sasville			PSE Customers Below Poverty Levels
<u>SMS-4T</u>	Suzanne M. Sasville			Prefiled Rebuttal Testimony of Suzanne M. Sasville (8 pages) (8/9/17)
CROSS-EXAMINATION EXHIBITS				
<u>SMS-5X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 445
<u>SMS-6X</u>	Public Counsel			UTC Staff Response to Public Counsel DR 10
Steven R. Secrist, Senior Vice President, General Counsel, Chief Ethics and Compliance Officer				
<u>SRS-1T</u>	Steven R. Secrist			Prefiled Rebuttal Testimony of Steven R. Secrist (13 pages) (8/9/17)
<u>SRS-2</u>	Steven R. Secrist			Professional Qualifications
<u>SRS-3</u>	Steven R. Secrist			Letter to Steve McLellan, Washington Utilities and Transportation Commission

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				(April 2, 1998)
John J. Spanos, Senior Vice President, Gannett Fleming Valuation and Rate Consultants				
<u>JJS-1T</u>	John J. Spanos			Prefiled Direct Testimony of John J. Spanos (18 pages) (1/13/17)
<u>JJS-2</u>	John J. Spanos			Professional Qualifications (Revised May 11, 2017)
<u>JJS-3</u>	John J. Spanos			2016 Depreciation Study: Calculated Annual Depreciation Accruals Related to Electric, Gas, and Common Plant as of 9/30/16, Prepared by Gannett Fleming
<u>JJS-4T</u>	John J. Spanos			Prefiled Rebuttal Testimony of John J. Spanos (39 pages) (8/9/17)
<u>JJS-5</u>	John J. Spanos			Comparison of Theoretical Net Plant as of Sept. 30, 2016
<u>JJS-6</u>	John J. Spanos			Depreciation Expense for Colstrip Units 3 and 4 (2025 & 2029)
CROSS-EXAMINATION EXHIBITS				
<u>JJS-7X</u>	Staff			See Exh. MRM-4X (Partial Settlement in Dockets UE-072300/UG-072301)
<u>JJS-8X</u>	Public Counsel			Excerpt from Depreciation Systems, Wolf and Fitch, Chapter 4, Iowa State University Press (1994)
<u>JJS-9X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 447, with Attachment A
<u>JJS-10X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 448, with Attachment A
<u>JJS-11X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 449, with Attachments A and B

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JJS-12X	Public Counsel			Puget Sound Energy Response to Public Counsel DR 450, with Attachment A
JJS-13X	Public Counsel			Puget Sound Energy Response to Public Counsel DR 451
JJS-14X	Public Counsel			Puget Sound Energy Response to Public Counsel DR 452, with Attachment A
JJS-15X	Public Counsel			Puget Sound Energy Response to Public Counsel DR 454
JJS-16X	Public Counsel			Puget Sound Energy Response to Public Counsel DR 456
Paul K. Wetherbee, Director, Energy Supply Merchant for PSE				
<u>PKW-1CT</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Confidential Prefiled Direct Testimony of Paul K. Wetherbee (83 pages) (1/13/17)
<u>PKW-2</u>	Paul K. Wetherbee			Professional Qualifications
<u>PKW-3C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** 2017 GRC As Filed Power Costs Projections – AURORA + Not in Models Rate Year January 2018 through December 2018; Gas Price Date: 9/23/16
<u>PKW-4C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** 2017 GRC As Filed vs 2016 Power Costs Update Power Costs Comparison
<u>PKW-5</u>	Paul K. Wetherbee			Greenhouse Gas Emissions Caps Metric Tons CO2 Equivalent
<u>PKW-6C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Change in Power Costs & Generation Due to Emission Constraints

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<u>PKW-7</u>	Paul K. Wetherbee			PSE White River Land Parcels in Regulatory Asset Account
<u>PKW-8CT</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Confidential Prefiled Supplemental Testimony of Paul K. Wetherbee (8 pages) (4/3/17)
<u>PKW-9C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** 2017 GRC Supplemental Power Costs Projections – AURORA + Not in Models Rate Year January 2018 through December 2018; Gas Price Date: 2/3/17
<u>PKW-10C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** 2017 GRC Supplemental vs 2017 GRC As Filed Power Costs Comparison
<u>PKW-11C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** 2017 GRC Supplemental vs 2016 Power Costs Update Power Costs Comparison
<u>PKW-12C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Change in Power Costs & Generation Due to Emission Constraints
<u>PKW-13C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** 2017 GRC Supplemental Contingent Calculation Power Costs Projections – AURORA + Not in Models Raye Year January 2018 through December 2018; Gas Price Date: 2/3/17
<u>PKW-14C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** 2017 GRC Supplemental Contingent Calculation vs 2017 GRC Supplemental Power Costs Comparison

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<u>PKW-15CT</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Confidential Prefiled Rebuttal Testimony of Paul K. Wetherbee (50 pages) (8/9/17)
<u>PKW-16</u>	Paul K. Wetherbee			PSE Clean Air Rule Baseline Emissions Limits and 2018 Caps (2012 through 2016)
<u>PKW-17C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Clean Air Rule Compliance Cost Estimate
<u>PKW-18C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Comparisons of Actual Wind Generation with the Preconstruction, 2010 DNV, and 2016 Wind Forecasts
<u>PKW-19C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Capacity factors for PSE's Wind Resource from Various Forecasts
<u>PKW-20C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Vaisala Forecasts for All of PSE's Owned Wind Resources
<u>PKW-21C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Updated Summary of Power Costs
<u>PKW-22C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Comparison of Projected Power Costs Presented in This Rebuttal Testimony with the Projected Power Costs Presented in PSE's Supplemental Testimony filed on April 3, 2017
<u>PKW-23C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Comparison of Projected Power Costs Presented in this Rebuttal Testimony with the Projected Power Costs

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				Presented in the 2016 Power Costs Update
<u>PKW-24C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Projected Power Costs with the Special Contract Qualifying Load Removed
<u>PKW-25C</u>	Paul K. Wetherbee			***CONFIDENTIAL*** Comparison of Projected Power Costs Presented in this Rebuttal Testimony with the Qualifying Load Removed with Projected Power Costs Presented in PSE's Supplemental Testimony Filed on April 3, 2017, with the Special Contract Qualifying Load Removed
CROSS-EXAMINATION EXHIBITS				
<u>PKW-26X</u>	Staff			Chapter 173-442 WAC – Clean Air Rule
<u>PKW-27X</u>	Staff			PSE's Response to Staff DR 410 with Attachment
Greg J. Zeller, Director Customer Care, PSE				
<u>GJZ-1T</u>	Greg J. Zeller			Prefiled Direct Testimony of Greg J. Zeller (22 pages) (1/13/17)
<u>GJZ-2</u>	Greg J. Zeller			Professional Qualifications
<u>GJZ-3T</u>	Greg J. Zeller			Prefiled Rebuttal Testimony of Greg J. Zeller (21 pages) (8/9/17)
<u>GJZ-4</u>	Greg J. Zeller			Public Counsel Response to PSE DR 7
<u>GJZ-5</u>	Greg J. Zeller			Public Counsel Response to PSE DR 9
CROSS-EXAMINATION EXHIBITS				
<u>GJZ-6X</u>	The Energy Project			PSE Response to The Energy Project DR 1 (Including Attachment A)

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<u>GJZ-7X</u>	The Energy Project			PSE Response to The Energy Project DR 3 (Including Attachments A and B)
<u>GJZ-8X</u>	The Energy Project			PSE Response to Public Counsel DR 443
<u>GJZ-9X</u>	Public Counsel			Non-Confidential version of Direct Testimony of Barbara R. Alexander filed in Dockets UE-072300 and UG-072301 (PSE-2007 Rate Case) (May 30, 2008)
<u>GJZ-10X</u>	Public Counsel			Non-Confidential version of Direct Testimony of Barbara R. Alexander filed in Docket U-072375 (Puget Holdings and Puget Sound Energy Joint Application for an Order Authorizing Proposed Transaction) (June 18, 2008)
<u>GJZ-11X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 457
<u>GJZ-12X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 458
<u>GJZ-13X</u>	Public Counsel			Puget Sound Energy Response to Public Counsel DR 459
COMMISSION REGULATORY STAFF				
Jason L. Ball, Regulatory Analyst				
<u>JLB-1T</u>	Jason L. Ball			Prefiled Response Testimony of Jason L. Ball (56 pages) (6/30/17)
<u>JLB-2r</u>	Jason L. Ball			Comparison of Staff and Company Electric Cost of Service Study Results and Rate Design Proposals (Revised 8/22/17)
<u>JLB-3</u>	Jason L. Ball			Comparison of Staff and Company Natural Gas Rates

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<u>JLB-4C</u>	Jason L. Ball			***CONFIDENTIAL*** Seasonal Rate Design Technical Appendix
<u>JLB-5r</u>	Jason L. Ball			Bill Impact of Increased Basic Charge (Revised 8/22/17)
<u>JLB-6</u>	Jason L. Ball			Third Block Technical Appendix
<u>JLB-7</u>	Jason L. Ball			PSE Response to Staff DRs 103 and 104
<u>JLB-8T</u>	Jason L. Ball			Supplemental Testimony of Jason L. Ball (8/7/17) (8 pages)
<u>JLB-9</u>	Jason L. Ball			Cross-Walk of Impacts on Cost of Service from Various Updates
<u>JLB-10</u>	Jason L. Ball			PSE 1st Revised Response to Staff DR 443
<u>JLB-11</u>	Jason L. Ball			Staff Response to PSE DR 24
<u>JLB-12T</u>	Jason L. Ball			Prefiled Cross-Answering Testimony of Jason L. Ball (8 pages) (8/9/17)
CROSS-EXAMINATION EXHIBITS				
<u>JLB-13X</u>	NWIGU			Prefiled Direct Testimony of Jason L. Ball in Dockets UE- 160228/UG-160229
<u>JLB-14X</u>	The Energy Project			Staff Response to The Energy Project DR 4
<u>JLB-15X</u>	The Energy Project			Staff Response to The Energy Project DR 6
<u>JLB-16X</u>	The Energy Project			Staff Response to The Energy Project DR 8 (Including Attachment A)
<u>JLB-17X</u>	The Energy Project			Staff Response to The Energy Project DR 10
Melissa C. Cheesman, Regulatory Analyst				
<u>MCC-1Tr</u>	Melissa C. Cheesman			Prefiled Response Testimony of Melissa C. Cheesman (30 pages) (6/30/17) (Revised 8/8/17)

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<u>MCC-2r</u>	Melissa C. Cheesman			Electric Results of Operations for 12 Months Ending 9/30/16 (Revised 8/8/17)
<u>MCC-3r</u>	Melissa C. Cheesman			Calculation of Electric Revenue Requirement Sufficiency (Revised 8/8/17)
<u>MCC-4r</u>	Melissa C. Cheesman			Comparison of PSE-Staff Electric Revenue Requirements (Revised 8/8/17)
<u>MCC-5r</u>	Melissa C. Cheesman			Comparison of PSE-Staff Working Capital (Electric) (Revised 8/8/17)
<u>MCC-6</u>	Melissa C. Cheesman			PSE Requested Overall Electric Revenue Sufficiency
<u>MCC-7r</u>	Melissa C. Cheesman			Gas Results of Operations for 12 Months Ending 9/30/16 (Revised 8/8/17)
<u>MCC-8r</u>	Melissa C. Cheesman			Calculation of Gas Revenue Requirement Deficiency (Revised 8/8/17)
<u>MCC-9r</u>	Melissa C. Cheesman			Comparison of PSE-Staff Gas Revenue Requirements (Revised 8/8/17)
<u>MCC-10r</u>	Melissa C. Cheesman			Comparison of PSE-Staff Working Capital (Gas) (Revised 8/8/17)
<u>MCC-11</u>	Melissa C. Cheesman			PSE Requested Overall Gas Revenue Sufficiency
<u>MCC-12r</u>	Melissa C. Cheesman			Electric Revenue Bridge (Revised 8/8/17)
<u>MCC-13r</u>	Melissa C. Cheesman			Gas Revenue Bridge (Revised 8/8/17)
<u>MCC-14</u>	Melissa C. Cheesman			PSE Response to Staff DR 382
<u>MCC-15</u>	Melissa C. Cheesman			PSE Response to Staff DR 382
<u>MCC-16</u>	Melissa C. Cheesman			PSE Response to Staff DR 371
<u>MCC-17</u>	Melissa C. Cheesman			PSE Response to Staff DR 372
<u>MCC-18</u>	Melissa C. Cheesman			PSE Witness, Ms. Susan Free Natural Gas Work Paper

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				Adjustment 11.13
Betty A. Erdahl, Regulatory Analyst				
<u>BAE-1Tr</u>	Betty A. Erdahl			Prefiled Response Testimony of Betty A. Erdahl (16 pages) (6/30/17) (Revised 8/8/17)
<u>BAE-2r</u>	Betty A. Erdahl			Comparison of Staff and PSE Working Capital Adjustments (Revised 8/8/17)
<u>BAE-3r</u>	Betty A. Erdahl			Detailed Staff Working Capital Calculation 13.23 and 11.23 (Revised 8/8/17)
<u>BAE-4</u>	Betty A. Erdahl			PSE Response to Staff DR 337
<u>BAE-5</u>	Betty A. Erdahl			PSE Response to Staff DR 339
<u>BAE-6</u>	Betty A. Erdahl			PSE Response to Staff DR 204
Kyle A. Frankiewich, Regulatory Analyst				
<u>KAF-1T</u>	Kyle A. Frankiewich			Prefiled Response Testimony of Kyle A. Frankiewich (31 pages) (6/30/17)
<u>KAF-2</u>	Kyle A. Frankiewich			PSE's Response to Public Counsel DR 290
<u>KAF-3</u>	Kyle A. Frankiewich			PSE Response to Staff DR 323 (Including Attachments A-E) and PSE's Response to UTC Staff DR 410 (Including Attachment A)
<u>KAF-4</u>	Kyle A. Frankiewich			PSE Response to Staff DR 327 (Including Attachment A)
<u>KAF-5</u>	Kyle A. Frankiewich			PSE Response to Staff DR 331
<u>KAF-6</u>	Kyle A. Frankiewich			PSE Response to Staff DR 329
<u>KAF-7</u>	Kyle A. Frankiewich			PSE First Supplemental Response to Staff DR 328 (Including Attachment E)
<u>KAF-8</u>	Kyle A. Frankiewich			Staff Example of Variance in Reasonable Estimates of CAR Baseline (expansion of Exh. PKW-5)
<u>KAF-9</u>	Kyle A. Frankiewich			PSE Response to Staff DR

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David C. Gomez, Assistant Power Supply Manager				
<u>DCG-1CT</u>	David C. Gomez			***CONFIDENTIAL*** Confidential Prefiled Response Testimony of David C. Gomez (35 pages) (6/30/17)
<u>DCG-2</u>	David C. Gomez			PSE 2015 IRP, Appendix D
<u>DCG-3C</u>	David C. Gomez			***CONFIDENTIAL*** PSE Response to Staff DR 175, Attachments A&B
<u>DCG-4C</u>	David C. Gomez			***CONFIDENTIAL*** PSE Response to Staff DR 177
<u>DCG-5</u>	David C. Gomez			PSE Response to Staff DR 177, Attachment G
<u>DCG-6</u>	David C. Gomez			PSE Response to Staff DR 177, Attachment C
<u>DCG-7C</u>	David C. Gomez			***CONFIDENTIAL*** PSE Response to Staff DR 176, Attachments C-F
<u>DCG-8C</u>	David C. Gomez			***CONFIDENTIAL*** PSE Response to Staff DR 259
<u>DCG-9C</u>	David C. Gomez			***CONFIDENTIAL*** PSE Response to Staff DR 176, Attachment G
<u>DCG-10</u>	David C. Gomez			2015 Wind Technologies Market Report, p. 41
<u>DCG-11C</u>	David C. Gomez			***CONFIDENTIAL*** PSE Response to Staff DR 311, Attachments B-F
<u>DCG-12C</u>	David C. Gomez			***CONFIDENTIAL*** PSE Response to Staff DR 177, Attachment A
<u>DCG-13C</u>	David C. Gomez			***CONFIDENTIAL*** Portions of Testimony of David C. Gomez, Exh. DCG- 1TC, and Gregory N. Duvall, Exh. GND-1TC, in Docket UE-130043
<u>DCG-14</u>	David C. Gomez			Portions of Testimony of

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				David E. Mills, Exh. DEM-11TC, in Dockets UE-111048 and UG-111049
<u>DCG-15C</u>	David C. Gomez			***CONFIDENTIAL*** Portions of Testimony of David E. Mills, Exh. DEM-1TC, in Dockets UE-111048 and UG-111049
Christopher S. Hancock, Regulatory Analyst				
<u>CSH-1CT</u>	Christopher S. Hancock			***CONFIDENTIAL*** Confidential Prefiled Testimony of Christopher S. Hancock (30 pages) (6/30/17)
<u>CSH-2C</u>	Christopher S. Hancock			***CONFIDENTIAL*** PSE Response to Staff DR 185
<u>CSH-3</u>	Christopher S. Hancock			PSE Response to Staff DR 143
<u>CSH-4</u>	Christopher S. Hancock			PSE Response to Staff DR 16
<u>CSH-5</u>	Christopher S. Hancock			Montana Response to Staff DR 13
<u>CSH-6T</u>	Christopher S. Hancock			Prefiled Cross-Answering Testimony of Christopher S. Hancock (9 pages) (8/9/17)
Jing Liu, Regulatory Analyst				
<u>JL-1CTr</u>	Jing Liu			***CONFIDENTIAL*** Confidential Prefiled Response Testimony of Jing Liu (76 pages) (6/30/17) (Revised 7/11/17)
<u>JL-2</u>	Jing Liu			Output of Electric Temperature Normalization Models
<u>JL-3</u>	Jing Liu			Calculation of Electric Temperature Normalization Adjustment
<u>JL-4</u>	Jing Liu			Calculation of Gas Temperature Normalization Adjustment
<u>JL-5</u>	Jing Liu			Output of Gas Temperature Normalization Models Using

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				Ten Year Data
<u>JL-6</u>	Jing Liu			Comparison of Ten Year and Five Year Models for Natural Gas Temperature Normalization
<u>JL-7C</u>	Jing Liu			***CONFIDENTIAL*** PSE Production Cost Trend Analysis
<u>JL-8</u>	Jing Liu			Summary of PSE's Electric Non-Residential Proposed Grouping Backcast
CROSS-EXAMINATION EXHIBITS				
<u>JL-9</u>	The Energy Project			Staff Response to Public Counsel DR 10
Chris R. McGuire, Energy Policy Strategist				
<u>CRM-1Tr</u>	Chris R. McGuire			Prefiled Response Testimony of Chris R. McGuire (37 pages) (6/30/17) (Revised 8/8/17)
<u>CRM-2</u>	Chris R. McGuire			Colstrip 1 & 2 Pro Rata Depreciation Estimate
<u>CRM-3</u>	Chris R. McGuire			Colstrip 1 & 2 Regulatory Asset
<u>CRM-4</u>	Chris R. McGuire			Report to the Audit Committees (Excerpt)
<u>CRM-5</u>	Chris R. McGuire			PSE Response to Public Counsel DR 424
<u>CRM-6T</u>	Chris R. McGuire			Prefiled Cross-Answering Testimony of Chris R. McGuire (13 pages) (8/9/17)
CROSS-EXAMINATION EXHIBITS				
<u>CRM-7X</u>	Public Counsel			Staff Response to Public Counsel DR-9
Elizabeth C. O'Connell, Regulatory Analyst				
<u>ECO-1CT</u>	Elizabeth C. O'Connell			***CONFIDENTIAL*** Confidential Prefiled Direct Testimony of Elizabeth C. O'Connell (33 pages) (6/30/17)
<u>ECO-2C</u>	Elizabeth C. O'Connell			***CONFIDENTIAL*** Staff's Proposed Environmental Remediation

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				Adjustments
<u>ECO-3</u>	Elizabeth C. O'Connell			Environmental Remediation Commission Orders, Start Dates, and Costs
<u>ECO-4</u>	Elizabeth C. O'Connell			PSE Environmental Remediation Quarterly Reports, Q1 2017
<u>ECO-5</u>	Elizabeth C. O'Connell			PSE Response to Staff DR 279
<u>ECO-6</u>	Elizabeth C. O'Connell			PSE Response to Staff DR 284
<u>ECO-7</u>	Elizabeth C. O'Connell			PSE Response to Staff DR 282
<u>ECO-8</u>	Elizabeth C. O'Connell			PSE Response to Staff DR 280
<u>ECO-9</u>	Elizabeth C. O'Connell			PSE Response to Staff DR 270 and 271
<u>ECO-10C</u>	Elizabeth C. O'Connell			***CONFIDENTIAL*** PSE Response to Staff DR 401, Attachment W
<u>ECO-11</u>	Elizabeth C. O'Connell			PSE Response to Staff DR 278
<u>ECO-12</u>	Elizabeth C. O'Connell			PSE Response to Staff DR 269, Attachment A
<u>ECO-13C</u>	Elizabeth C. O'Connell			***CONFIDENTIAL*** Tacoma Tide Flats Letter
<u>ECO-14C</u>	Elizabeth C. O'Connell			***CONFIDENTIAL*** PSE Response to Staff DR 401, Attachment K
<u>ECO-15</u>	Elizabeth C. O'Connell			PSE Response to Staff DR 281
<u>ECO-16</u>	Elizabeth C. O'Connell			Washington Natural Gas and PSE's Environmental Projects Quarterly Reports Excluding Tacoma Tide Flats
<u>ECO-17</u>	Elizabeth C. O'Connell			PSE's Summary of Environmental Remediation Costs for Gas Sites Including Tacoma Tide Flats, 12/31/97
<u>ECO-18</u>	Elizabeth C. O'Connell			PSE Response to Staff DR 364, Attachment A
<u>ECO-19</u>	Elizabeth C. O'Connell			PSE Response to Staff DR

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<u>ECO-20</u>	Elizabeth C. O’Connell			PSE Response to Staff DR 221
<u>ECO-21</u>	Elizabeth C. O’Connell			PSE Response to Staff DRs 312 and 408
<u>ECO-22</u>	Elizabeth C. O’Connell			Staff’s Proposed Legal Costs Adjustments
<u>ECO-23</u>	Elizabeth C. O’Connell			PSE Response to Staff DR 218, Attachment A
David C. Parcell, Senior Economist, Technical Associates, Inc.				
<u>DCP-1T</u>	David C. Parcell			Prefiled Response Testimony of David C. Parcell (55 pages) (6/30/17)
<u>DCP-2</u>	David C. Parcell			Background and Experience
<u>DCP-3</u>	David C. Parcell			PSE Total Cost of Capital
<u>DCP-4</u>	David C. Parcell			Economic Indicators
<u>DCP-5</u>	David C. Parcell			PSE History of Credit Ratings
<u>DCP-6</u>	David C. Parcell			PSE Capital Structure Ratios
<u>DCP-7</u>	David C. Parcell			Proxy Companies Average Common Equity Ratios
<u>DCP-8</u>	David C. Parcell			Proxy Companies Basis for Selection
<u>DCP-9</u>	David C. Parcell			Proxy Companies DCF Cost Rates
<u>DCP-10</u>	David C. Parcell			Standard & Poor’s 500 ROE and 20-Year Treasury Bond Returns
<u>DCP-11</u>	David C. Parcell			Proxy Companies CAPM Cost Rates
<u>DCP-12</u>	David C. Parcell			Proxy Companies ROE and Market to Book Ratios
<u>DCP-13</u>	David C. Parcell			Standard & Poor’s 500 ROE and Market to Book Ratios
<u>DCP-14</u>	David C. Parcell			Risk Indicators
<u>DCP-15</u>	David C. Parcell			Risk Indicators of Electric Utilities by Size
Andrew Roberts, Regulatory Analyst				
<u>AR-1T</u>	Andrew Roberts			Prefiled Response Testimony of Andrew Roberts (9 pages) (6/30/17)

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<u>AR-2</u>	Andrew Roberts			PSE Response to Staff DR 387
<u>AR-3</u>	Andrew Roberts			PSE Response to Staff DR 468
<u>AR-4</u>	Andrew Roberts			PSE Response to Staff DR 43
<u>AR-5</u>	Andrew Roberts			PSE Response to Staff DR 40
<u>AR-6</u>	Andrew Roberts			PSE Response to Staff DR 44
<u>AR-7</u>	Andrew Roberts			Effect of IVR Transaction Data on SQI No. 5 Calculation
<u>AR-8</u>	Andrew Roberts			In the Matters of Puget Sound Power and Light Co. Dockets UE-951270 and UE-960195, Fourteenth Supplemental Order Accepting Stipulation; Approving Merger
<u>AR-9</u>	Andrew Roberts			PSE Response to Staff DR 386
Thomas E. Schooley, Assistant Director – Energy Regulation, Regulatory Services Division				
<u>TES-1T</u>	Thomas E. Schooley			Prefiled Response Testimony of Thomas E. Schooley (31 pages) (6/30/17)
<u>TES-2</u>	Thomas E. Schooley			Charts of Storm Events
<u>TES-3</u>	Thomas E. Schooley			Storm Damage Expenses by Periods Ending September 30
CROSS-EXAMINATION EXHIBITS				
<u>TES-3X</u>	Public Counsel			Staff Response to Public Counsel DR 3
<u>TES-4X</u>	Public Counsel			Staff Response to Public Counsel DR 2
<u>TES-5X</u>	Public Counsel			Staff Response to Public Counsel DR 7
<u>TES-6X</u>	Public Counsel			Staff Response to Public Counsel DR 4
<u>TES-7X</u>	Public Counsel			Staff Response to Public Counsel DR 6
Jennifer Snyder, Regulatory Analyst				
<u>JES-1T</u>	Jennifer Snyder			Prefiled Response Testimony of Jennifer Snyder (8 pages) (6/30/17)
<u>JES-2</u>	Jennifer Snyder			PSE Response to Staff DR 253

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<u>JES-3</u>	Jennifer Snyder			PSE Response to Staff DR 394
<u>JES-4C</u>	Jennifer Snyder			***CONFIDENTIAL*** PSE Response to Staff DR 252, Attachment A
<u>JES-5</u>	Jennifer Snyder			PSE Response to Staff DR 392
<u>JES-6</u>	Jennifer Snyder			PSE Supplemental Response to Staff DR 392
<u>JES-7</u>	Jennifer Snyder			Lazard, "Lazard's Levelized Cost of Storage Analysis 2.0 – Key Findings"
<u>JES-8</u>	Jennifer Snyder			PSE Response to Staff DR 247
<u>JES-9</u>	Jennifer Snyder			PSE Response to Staff DR 250
E. Cooper Wright, Regulatory Analyst				
<u>ECW-1T</u>	E. Cooper Wright			Prefiled Response Testimony of E. Cooper Wright (27 pages) (6/30/17)
PUBLIC COUNSEL				
Barbara R. Alexander, Independent Consultant				
<u>BRA-1T</u>	Barbara R. Alexander			Prefiled Response Testimony of Barbara R. Alexander (33 pages) (6/30/17)
<u>BRA-2</u>	Barbara R. Alexander			Resume
<u>BRA-3</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 22
<u>BRA-4</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 19, Attachment A
<u>BRA-5</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 27, Attachments B, C, and D
<u>BRA-6</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 14
<u>BRA-7</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 15
<u>BRA-8</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 443
<u>BRA-9</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 28, Attachment A
<u>BRA-10</u>	Barbara R. Alexander			PSE Response to Public

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				Counsel DR 358
<u>BRA-11</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 363, Attachment A
<u>BRA-12</u>	Barbara R. Alexander			Customer Care Center Abandonment Rate Data
<u>BRA-13</u>	Barbara R. Alexander			Copy of PAC Customer Service Guarantees
<u>BRA-14</u>	Barbara R. Alexander			Code of Maryland Regulations, 20.50.12.08
<u>BRA-15</u>	Barbara R. Alexander			Pennsylvania PUC Customer Service Report
<u>BRA-16</u>	Barbara R. Alexander			Xcel Energy Tariffs: Sections 6 and 1.9
<u>BRA-17</u>	Barbara R. Alexander			PSE Response to Staff DR 43
<u>BRA-18</u>	Barbara R. Alexander			PSE Response to Staff DR 468
<u>BRA-19</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 13
<u>BRA-20</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 361
<u>BRA-21</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 362
<u>BRA-22</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 25, Attachments A and B
<u>BRA-23</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 56
<u>BRA-24</u>	Barbara R. Alexander			PSE Response to Public Counsel DR 6
<u>BRA-25</u>	Barbara R. Alexander			PSE Responses to Public Counsel DRs 9, 10, 42, and 43
<u>BRA-26T</u>	<u>Barbara R. Alexander</u>			<u>Testimony in Response to Proposed Settlement of Barbara R. Alexander (10 pages) (9/22/2017)</u>
Michael L. Brosch, President, Utilitech, Inc.				
<u>MLB-1T</u>	Michael L. Brosch			Prefiled Response Testimony of Michael L. Brosch (70 pages) (6/30/17)
<u>MLB-2</u>	Michael L. Brosch			Professional Qualifications
<u>MLB-3</u>	Michael L. Brosch			PSE Response to Public

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				Counsel DR 62, with Attachment A
<u>MLB-4</u>	Michael L. Brosch			Hawaiian Electric Company RBA Tariff
<u>MLB-5</u>	Michael L. Brosch			PSE Responses to Public Counsel DRs 61 and 283
<u>MLB-6</u>	Michael L. Brosch			PSE Responses to Public Counsel DRs 48, 51, and 73
<u>MLB-7</u>	Michael L. Brosch			Puget Energy/PSE 2016 Year End Update Presentation
<u>MLB-8</u>	Michael L. Brosch			PSE Responses to Public Counsel DRs 71, 72, and 75
<u>MLB-9</u>	Michael L. Brosch			PSE Response to Public Counsel DR 388
<u>MLB-10</u>	Michael L. Brosch			PSE Response to Public Counsel DR 393, with Attachment A
<u>MLB-11T</u>	<u>Michael L. Brosch</u>			<u>Testimony in Response to Proposed Settlement of Michael L. Brosch (7 pages) (9/22/2017)</u>
Roxie M. McCullar, CPA and Consultant, William Dunkel and Associates				
<u>RMM-1T</u>	Roxie M. McCullar			Prefiled Response Testimony of Roxie M. McCullar (31 pages) (6/30/17)
<u>RMM-2</u>	Roxie M. McCullar			Professional Qualifications
<u>RMM-3</u>	Roxie M. McCullar			Comparison of Current Approved, PSE Proposed, and Public Counsel Proposed Accrual Rate and Annual Accrual Amounts
<u>RMM-4</u>	Roxie M. McCullar			Public Counsel's Proposed Depreciation Rates for PSE's Electric Plant
<u>RMM-5</u>	Roxie M. McCullar			Public Counsel's Proposed Depreciation Rates for PSE's Natural Gas Plant
<u>RMM-6</u>	Roxie M. McCullar			Referenced Pages from NARUC's Public Utility Depreciation Practices (August 1996)
<u>RMM-7</u>	Roxie M. McCullar			PSE Response to ICNU DR 27, Attachment A (PSE –

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				2016 – Production Net Salvage Calculations)
<u>RMM-8</u>	Roxie M. McCullar			Comparison of PSE Proposed Future Net Salvage Accrual and Average Net Salvage Actually Incurred in Recent Years for Natural Gas Plant
<u>RMM-9</u>	Roxie M. McCullar			Comparison of Public Counsel’s Proposed Future Net Salvage Accrual and Average Net Salvage Actually Incurred in Recent Years for Natural Gas Plant
<u>RMM-10</u>	Roxie M. McCullar			Comparison of PSE Proposed Future Net Salvage Accrual and Average Net Salvage Actually Incurred in Recent Years for Electric Plant
<u>RMM-11</u>	Roxie M. McCullar			Comparison of Public Counsel’s Proposed Future Net Salvage Accrual and Average Net Salvage Actually Incurred in Recent Years for Electric Plant
<u>RMM-12T</u>	<u>Roxie M. McCullar</u>			<u>Testimony in Response to Proposed Settlement of Roxie M. McCullar (9 pages) (9/22/2017)</u>
CROSS-EXAMINATION EXHIBITS				
<u>RMM-132X</u>	PSE			Pages 18 and 159 to the 1996 NARUC Depreciation Manual
Ralph C. Smith, CPA and Senior Regulatory Utility Consultant, Larkin & Associates, PLLC				
<u>RCS-1CT</u>	Ralph C. Smith			***CONFIDENTIAL*** Confidential Prefiled Response Testimony of Ralph C. Smith (89 pages) (6/30/17)
<u>RCS-2</u>	Ralph C. Smith			Professional Qualifications
<u>RCS-3</u>	Ralph C. Smith			Electric Revenue Requirement
<u>RCS-4</u>	Ralph C. Smith			Natural Gas Revenue Requirement

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<u>RCS-5</u>	Ralph C. Smith			PSE Responses to Public Counsel DR 297 and ICNU DRs 63, 65, and 67
<u>RCS-6</u>	Ralph C. Smith			PSE Responses to Staff DRs 6 and 46
<u>RCS-7</u>	Ralph C. Smith			PSE Responses to Public Counsel DR 126 and ICNU DR 60
<u>RCS-8C</u>	Ralph C. Smith			***CONFIDENTIAL*** PSE Responses to ICNU DRs 56 and 57 (with Attachment A) and Staff DR 212
<u>RCS-9</u>	Ralph C. Smith			PSE Responses to Staff DR 278 (with Attachment A) and 284
<u>RCS-10C</u>	Ralph C. Smith			***CONFIDENTIAL*** PSE Responses to Public Counsel DRs 355, 394, 395, 420, 426 (with Attachment A); Sierra Club DR 4 (with Attachment A); Staff DRs 142, 296, 359, 359 (revised with Attachments A and B), and 461
<u>RCS-11C</u>	Ralph C. Smith			***CONFIDENTIAL*** PSE Response to Sierra Club DR 16, Attachment A (Colstrip Strategic Planning Update, dated 3/2/17)
<u>RCS-12C</u>	Ralph C. Smith			***CONFIDENTIAL*** Analysis of Pension Plans
<u>RCS-13T</u>	<u>Ralph C. Smith</u>			<u>Testimony in Response to Proposed Settlement of Ralph C. Smith (7 pages) (9/22/2017)</u>
<u>RCS-14</u>	<u>Ralph C. Smith</u>			<u>Settlement Exhibit A Recalculated with Lower ROE Impacts</u>
Glenn A. Watkins, Principal and Senior Economist, Technical Associates, Inc.				
<u>GAW-1T</u>	Glenn A. Watkins			Prefiled Response Testimony of Glenn A. Watkins (70 pages) (6/30/17)
<u>GAW-2</u>	Glenn A. Watkins			Background and Experience Profile

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<u>GAW-3</u>	Glenn A. Watkins			Public Counsel DR 300
<u>GAW-4</u>	Glenn A. Watkins			Public Counsel DR 301
<u>GAW-5</u>	Glenn A. Watkins			PSE Wind/Hydro Production During Peak Hours
<u>GAW-6</u>	Glenn A. Watkins			Base-Intermediate-Peak Classification
<u>GAW-7</u>	Glenn A. Watkins			Gross Plant and Depreciation Reserve Hourly Assignments
<u>GAW-8</u>	Glenn A. Watkins			Probability of Dispatch Summary of Class Allocation Factors
<u>GAW-9</u>	Glenn A. Watkins			Probability of Dispatch Class Cost of Service Study
<u>GAW-10</u>	Glenn A. Watkins			Class Cost of Service Studies Parity Ratios
<u>GAW-11</u>	Glenn A. Watkins			Electric Residential Customer Cost Analysis
<u>GAW-12</u>	Glenn A. Watkins			Natural Gas Residential Customer Cost Analysis
<u>GAW-13T</u>	Glenn A. Watkins			Prefiled Cross-Answering Testimony of Glenn A. Watkins (10 pages) (8/9/17)
<u>GAW-14T</u>	<u>Glenn A. Watkins</u>			<u>Testimony in Response to Proposed Settlement of Glenn A. Watkins (5 pages) (9/22/2017)</u>
J. Randall Woolridge, Professor of Finance, Pennsylvania State University				
<u>JRW-1T</u>	J. Randall Woolridge			Prefiled Response Testimony of J. Randall Woolridge (75 pages) (6/30/17)
<u>JRW-2</u>	J. Randall Woolridge			Background & Experience Profile
<u>JRW-3</u>	J. Randall Woolridge			Recommended Cost of Capital
<u>JRW-4</u>	J. Randall Woolridge			Ten Year Treasury Yield
<u>JRW-5</u>	J. Randall Woolridge			Public Utility Bond Yields
<u>JRW-6</u>	J. Randall Woolridge			Summary Financial Statistics for Proxy Groups
<u>JRW-7</u>	J. Randall Woolridge			Capital Structures Ratios and Debt Cost Rates
<u>JRW-8</u>	J. Randall Woolridge			Relationship Between Expected ROE and Market-

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				to-Book Ratios
<u>JRW-9</u>	J. Randall Woolridge			Public Utility Capital Cost Indicators
<u>JRW-10</u>	J. Randall Woolridge			Industry Average Betas
<u>JRW-11</u>	J. Randall Woolridge			Discount Cash Flow Model
<u>JRW-12</u>	J. Randall Woolridge			Discount Cash Flow Study
<u>JRW-13</u>	J. Randall Woolridge			Capital Asset Pricing Model Study
<u>JRW-14</u>	J. Randall Woolridge			PSE's Proposed Cost of Capital
<u>JRW-15</u>	J. Randall Woolridge			PSE ROE Results
<u>JRW-16</u>	J. Randall Woolridge			PSE Response to Public Counsel DR 333
<u>JRW-17T</u>	J. Randall Woolridge			Prefiled Cross-Answering Testimony of J. Randall Woolridge (12 pages) (8/9/17)
<u>JRW-18T</u>	<u>J. Randall Woolridge</u>			<u>Testimony in Response to Proposed Settlement of J. Randall Woolridge (7 pages) (9/22/2017)</u>
<u>JRW-19</u>	<u>J. Randall Woolridge</u>			<u>Corrected Cost of Capital</u>
THE ENERGY PROJECT				
Shawn M. Collins, Director, The Energy Project				
<u>SMC-1Tr</u>	Shawn M. Collins			Prefiled Response Testimony of Shawn M. Collins (32 pages) (6/30/17) (Revised 7/31/17)
<u>SMC-2</u>	Shawn M. Collins			Professional Qualifications
<u>SMC-3T</u>	Shawn M. Collins			Prefiled Cross-Answering Testimony of Shawn M. Collins (9 pages) (8/9/17)
ICNU				
Michael P. Gorman, Consultant and Managing Principal, Brubaker & Associates, Inc.				
<u>MPG-1T</u>	Michael P. Gorman			Prefiled Response Testimony of Michael P. Gorman (44 pages) (6/30/17)
<u>MPG-2</u>	Michael P. Gorman			Professional Qualifications
<u>MPG-3</u>	Michael P. Gorman			Treasury and Utility Bond Yields

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<u>MPG-4</u>	Michael P. Gorman			Valuation Metrics
<u>MPG-5</u>	Michael P. Gorman			Accuracy of Interest Rate Forecasts
<u>MPG-6</u>	Michael P. Gorman			ICNU's Proposed Electric Revenue Distribution
<u>MPG-7Tr</u>	Michael P. Gorman			Prefiled Cross-Answering Testimony of Michael P. Gorman (13 pages) (8/9/17) (Revised 8/10/17)
NWIGU				
Brian C. Collins, Consultant and Principal, Brubaker & Associates, Inc.				
<u>BCC-1T</u>	Brian C. Collins			Prefiled Response Testimony of Brian C. Collins (19 pages) (6/30/17)
<u>BCC-2</u>	Brian C. Collins			Professional Qualifications
<u>BCC-3</u>	Brian C. Collins			Proposed Class Cost of Service
<u>BCC-4</u>	Brian C. Collins			Proposed Class Margin Revenue Allocation
<u>BCC-5T</u>	Brian C. Collins			Prefiled Cross-Answering Testimony of Brian C. Collins (8/9/17) (9 pages)
<u>BCT-6T</u>	Brian C. Collins			Prefiled Supplemental Cross-Answering Testimony of Brian C. Collins (8/15/17) (7 pages)
Edward A. Finklea, Executive Director, NWIGU				
<u>EAF-1T</u>	Edward A. Finklea			Prefiled Supplemental Cross-Answering Testimony of Edward A. Finklea (8/15/17) (12 pages)
<u>EAF-2</u>	Edward A. Finklea			Professional Qualifications
ICNU AND NWIGU				
Bradley G. Mullins, Independent Consultant				
<u>BGM-1CTr</u>	Bradley G. Mullins			*** CONFIDENTIAL *** Prefiled Response Testimony of Bradley G. Mullins (56 pages) (6/30/17) (Revised 7/7/17)

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<u>BGM-2</u>	Bradley G. Mullins			List of Regulatory Appearances
<u>BGM-3</u>	Bradley G. Mullins			Electric Services Revenue Requirement
<u>BGM-4</u>	Bradley G. Mullins			Natural Gas Services Revenue Requirement
<u>BGM-5C</u>	Bradley G. Mullins			*** CONFIDENTIAL*** PSE Responses to DRs
<u>BGM-6</u>	Bradley G. Mullins			Proposed Amortization Schedule of Early Retirement Costs
<u>BGM-7</u>	Bradley G. Mullins			PSE Response to ICNU DR 24
<u>BGM-8</u>	Bradley G. Mullins			Ardmore Substation 10 Year Planning Documents
<u>BGM-9</u>	Bradley G. Mullins			Ardmore Substation Project Implementation Plan
<u>BGM-10</u>	Bradley G. Mullins			PSE Response to ICNU DR 91, with Attachment B
<u>BGM-11</u>	Bradley G. Mullins			PSE Responses to ICNU DRs 24 (Supplemental), 25, 85, 86, and 87
<u>BGM-12T</u>	Bradley G. Mullins			Prefiled Cross-Answering Testimony of Bradley G. Mullins (16 pages) (8/9/17)
<u>BGM-13</u>	Bradley G. Mullins			Updated Electric Services Revenue Requirement
<u>BGM-14</u>	Bradley G. Mullins			Updated Natural Gas Services Revenue Requirement
<u>BGM-15</u>	Bradley G. Mullins			Updated Colstrip Units 1 and 2 Regulatory Asset Amortization
<u>BGM-16</u>	Bradley G. Mullins			PSE Supplemental Response to ICNU DR 15
NWEC/RNW/NRDC				
Amanda M. Levin, Energy and Climate Analyst, Natural Resources Defense Council				
<u>AML-1T</u>	Amanda M. Levin			Prefiled Response Testimony of Amanda M. Levin (27 pages) (6/30/17)

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<u>AML-2</u>	Amanda M. Levin			Professional Qualifications
<u>AML-3</u>	Amanda M. Levin			1992 Letter from WUTC Staff to NARUC
<u>AML-4</u>	Amanda M. Levin			PSE Response to NWEK/RNW/NRDC DR 43
<u>AML-5</u>	Amanda M. Levin			PSE Response to NWEK/RNW/NRDC DR 36
<u>AML-6</u>	Amanda M. Levin			PSE Response to NWEK/RNW/NRDC DR 40
<u>AML-7</u>	Amanda M. Levin			Chapter 4 of 2015 IRP
<u>AML-8</u>	Amanda M. Levin			PSE Response to NWEK/RNW/NRDC DR 49, Attachment A
<u>AML-9</u>	Amanda M. Levin			PSE Response to NWEK/RNW/NRDC DR 50
<u>AML-10</u>	Amanda M. Levin			PSE Response to NWEK/RNW/NRDC DR 47
<u>AML-11</u>	Amanda M. Levin			PSE Response to Public Counsel DR 62, Attachment A
<u>AML-12</u>	Amanda M. Levin			PSE Response to Public Counsel DR 60, Part C
<u>AML-13T</u>	Amanda M. Levin			Prefiled Cross-Answering Testimony of Amanda M. Levin (11 pages) (8/9/17)
<u>AML-14</u>	Amanda M. Levin			FEA Response to NWEK/RNW/NRDC DR 1
<u>AML-15</u>	Amanda M. Levin			FEA Response to NWEK/RNW/NRDC DR 3
<u>AML-16</u>	Amanda M. Levin			Direct Testimony of Paul Chernick, Case. No. 16-1852-EL-SSO (May 2, 2017), Public Utilities Council of Ohio (PUCO)
<u>AML-17</u>	Amanda M. Levin			Rebuttal Testimony (Non-Confidential) of Ralph C. Cavanagh, Docket No. UE-121697
<u>AML-18</u>	Amanda M. Levin			Morgan, Pamela, "A Decade of Decoupling for US Energy Utilities: Rate Impacts,

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				Designs, and Observations” (November 2012)
<u>AML-19</u>	Amanda M. Levin			Vilbert, Michael, Joseph B. Wharton, Charles Gibbons, Melanie Rosenberg, and Yang Wei Neo, “The impact of revenue decoupling on the cost of capital for electric utilities: an empirical investigation,” BRATTLE GROUP, Prepared for The Energy Foundation (2014)
CROSS-EXAMINATION EXHIBITS				
<u>AML-20X</u>	ICNU			Electric Utilities with Decoupling
<u>AML-21X</u>	ICNU			RAP Report: Decoupling Design: Customizing Revenue Regulation to Your State’s Priorities (Nov. 2016)
Michael H. O’Brien, Research Director, Renewable Northwest				
<u>MHO-1T</u>	Michael H. O’Brien			Prefiled Response Testimony of Michael H. O’Brien (3 pages) (6/30/17)
<u>MHO-2</u>	Michael H. O’Brien			Professional Qualifications
Thomas M. Power, Research Professor, University of Montana at Missoula				
<u>TMP-1T</u>	Thomas M. Power			Prefiled Response Testimony of Thomas M. Power (48 pages) (6/30/17)
<u>TMP-2</u>	Thomas M. Power			Professional Qualifications
<u>TMP-3</u>	Thomas M. Power			PSE Response to Staff DR 359, Revision 1 of Attachment B
<u>TMP-4</u>	Thomas M. Power			PSE Response to Staff DR 359, Attachment A
<u>TMP-5</u>	Thomas M. Power			PSE Response to Staff DR 185 and Supplemental Response
<u>TMP-6</u>	Thomas M. Power			PSE Response to NWEA/RNW/NRDC DR 10
<u>TMP-7</u>	Thomas M. Power			PSE Response to

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				NWEC/RNW/NRDC DR 11
<u>TMP-8</u>	Thomas M. Power			PSE Response to NWEC/RNW/NRDC DR 12
<u>TMP-9T</u>	Thomas M. Power			Prefiled Cross-Answering Testimony of Thomas M. Power (22 pages) (8/9/17)
<u>TMP-10</u>	Thomas M. Power			PSE Response to ICNU DR 103
<u>TMP-11</u>	Thomas M. Power			PSE Response to ICNU DR 111
<u>TMP-12HC</u>	Thomas M. Power			*** HIGHLY CONFIDENTIAL*** PSE Supplemental Response to ICNU DR 111
<u>TMP-13</u>	Thomas M. Power			PSE Response to Staff DR 185
<u>TMP-14C</u>	Thomas M. Power			*** CONFIDENTIAL*** PSE Supplemental Response to Staff DR 185
CROSS-EXAMINATION EXHIBITS				
<u>TMP-15X</u>	Staff			See Exh. KJB-42X (Testimony of William H. Weinman, WHW-1T, in Dockets UE-072300/UG-072301)
<u>TMP-16X</u>	Staff			See Exh. KJB-43X (Direct Testimony of Charles W. King, CKW-1T, in Dockets UE-072300/UG-072301)
<u>TMP-17X</u>	Staff			See Exh. MRM-4X (Partial Settlement in Dockets UE-072300/UG-072301)
<u>TMP-18X</u>	State of Montana			Montana Response to Staff DR 8
Cameron B. Yourowski, Senior Policy Manager, Renewable Northwest				
<u>CBY-1T</u>	Cameron B. Yourowski			Prefiled Response Testimony of Cameron B. Yourowski (20 pages) (6/30/17)
<u>CBY-2</u>	Cameron B. Yourowski			Professional Qualifications

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<u>CBY-3C</u>	Cameron B. Yourowski			*** CONFIDENTIAL *** PSE Response to NWEC/RNW/NRDC DR 3(a)
<u>CBY-4</u>	Cameron B. Yourowski			PSE Response to NWEC/RNW/NRDC DR 2, Attachment C
<u>CBY-5</u>	Cameron B. Yourowski			PSE Response to NWEC/RNW/NRDC DR 14
<u>CBY-6</u>	Cameron B. Yourowski			PSE Response to NWEC/RNW/NRDC DR 16
<u>CBY-7</u>	Cameron B. Yourowski			PSE Response to NWEC/RNW/NRDC DR 17
<u>CBY-8</u>	Cameron B. Yourowski			PSE Response to NWEC/RNW/NRDC DR 13
<u>CBY-9</u>	Cameron B. Yourowski			PSE Response to NWEC/RNW/NRDC DR 22
<u>CBY-10</u>	Cameron B. Yourowski			PSE Response to NWEC/RNW/NRDC DR 19
<u>CBY-11</u>	Cameron B. Yourowski			PSE Response to NWEC/RNW/NRDC DR 2, Attachment A
<u>CBY-12</u>	Cameron B. Yourowski			PSE Response to NWEC/RNW/NRDC DR 18
<u>CBY-13</u>	Cameron B. Yourowski			PSE Response to NWEC/RNW/NRDC DR 15
<u>CBY-14</u>	Cameron B. Yourowski			PSE Response to NWEC/RNW/NRDC DR 27
<u>CBY-15</u>	Cameron B. Yourowski			PSE Response to NWEC/RNW/NRDC DR 2, Attachment B
SIERRA CLUB				
Ezra D. Hausman, Independent Consultant, Ezra Hausman Consulting				
<u>EDH-1T</u>	Ezra D. Hausman			Prefiled Response Testimony of Ezra D. Hausman (41 pages) (6/30/17)
<u>EDH-2</u>	Ezra D. Hausman			Professional Qualifications
<u>EDH-3</u>	Ezra D. Hausman			Docket UE-072300, Excerpt from Second Exhibit to Prefiled Direct Testimony of

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<u>EDH-4</u>	Ezra D. Hausman			Docket UE-072300, Testimony of William H. Weinman
<u>EDH-5</u>	Ezra D. Hausman			Docket UE-072300, Direct Testimony of Charles W. King
<u>EDH-6</u>	Ezra D. Hausman			Docket UE-072300, Prefiled Rebuttal Testimony of Michael J. Jones
<u>EDH-7</u>	Ezra D. Hausman			PSE Responses to DRs
<u>EDH-8</u>	Ezra D. Hausman			PSE Response to Staff DR 459, Attachment A
<u>EDH-9</u>	Ezra D. Hausman			PSE Response to Public Counsel DR 286, Attachment A
<u>EDH-10T</u>	Ezra D. Hausman			Prefiled Cross-Answering Testimony of Ezra D. Hausman (7 pages) (8/9/17)
CROSS-EXAMINATION EXHIBITS				
<u>EDH-11X</u>	ICNU			Excerpt of Pacific Power's 2017 IRP, Vol. 1 (4/4/17)
<u>EDH-12X</u>	ICNU			Excerpt of Pacific Power's 2017 IRP, Vol. 2 (4/4/17)
<u>EDH-13X</u>	State of Montana			Commission Investigation Report: Investigation of Coal- Fired Generating Unit Decommissioning and Remediation Costs UE- 151500 (2/1/16)
<u>EDH-14X</u>	State of Montana			Montana Public Service Commission, Final Order, in re Application by NorthWestern Corp. for Approval of its Interest in Colstrip Unit 4 (11/13/08)
KROGER				
Kevin C. Higgins, Principal, Energy Strategies, LLC				
<u>KCH-1T</u>	Kevin C. Higgins			Prefiled Response Testimony of Kevin C. Higgins

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				(23 pages) (6/30/17)
<u>KCH-2</u>	Kevin C. Higgins			Comparison of PSE's Proposed Rate Spread and Kroger's Proposed Rate Spread at PSE's Proposed Revenue Requirement
<u>KCH-3</u>	Kevin C. Higgins			Kroger Proposed Rate Schedule 25 Design at PSE Requested Revenue Requirement and Spread
<u>KCH-4T</u>	Kevin C. Higgins			Prefiled Cross-Answering Testimony of Kevin C. Higgins (10 pages) (8/9/17)
FEDERAL EXECUTIVE AGENCIES				
Ali Z. Al-Jabir, Energy Advisor and Senior Consultant, Brubaker & Associates, Inc.				
<u>AZA-1T</u>	Ali Z. Al-Jabir			Prefiled Response Testimony of Ali Z. Al-Jabir (32 pages) (6/30/17)
<u>AZA-2</u>	Ali Z. Al-Jabir			Professional Qualifications
<u>AZA-3</u>	Ali Z. Al-Jabir			Electric Class Cost of Service Study Results at Present and Proposed Rates Adjusted Test Year 12 Months Ended September 2016 at Pro Forma Revenue Requirement
<u>AZA-4</u>	Ali Z. Al-Jabir			PSE's Proposed Electric Base Rate Revenue Increase vs. Cost-Based Rates Adjusted Test Year 12 Months Ended September 2016 at Pro Forma Revenue Requirement
<u>AZA-5</u>	Ali Z. Al-Jabir			FEA's Proposed Electric Revenue Allocation Adjusted Test Year 12 Months Ended September 2016 at Pro Forma Revenue Requirement
<u>AZA-6T</u>	Ali Z. Al-Jabir			Prefiled Cross-Answering Testimony of Ali Z. Al-Jabir (10 pages) (8/9/17)
STATE OF MONTANA				

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Patrick M. Risken, Assistant Attorney General for the State of Montana				
<u>PMR-1X</u>	PSE			State of Montana Response to PSE Data Request No. 014
<u>PMR-2X</u>	PSE			State of Montana Response to PSE Data Request No. 015