| **NUMBER** | SPONSOR | **A/R** | **DATE** | **DESCRIPTION** |
| --- | --- | --- | --- | --- |
| BENCH EXHIBITS | | | | |
| [**BR-1**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00128/190334-35-AVA-BR-01-24-2020.pdf)[**.xls Attach. A**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00128/190334-35-AVA-Attach-A-01-24-2020.xlsx?Web=1) |  | **A** | **01/24/20** | **Avista’s Response to Bench Request No. 1 (1 page)** |
| [**BR-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00129/190334-35-222%20Offer%20of%20Public%20Comment%20Exh%20BR-2%2001-24-2020.pdf)[**Matrix**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00129/190334-35-222%20UTC%200%20CommentMatrix.pdf) **Parts 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11** |  | **A** | **01/24/20** | **Public Comments (146 Comments)** |
| [**BR-3a**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00139/190334-AVA-BR-003-02-27-2020.pdf) **Attach. A, B, C, D, E, F, G** |  | **A** | **02/27/20** | **Avista’s Response to Bench Request No. 3 (3 pages)** |
| **BR-3b Attach. B, C, D, E** |  | **A** | **02/27/20** | **Staff’s Response to Bench Request No. 3 (2 pages)** |
| Partial Multiparty SETTLEMENT sTIPULATION | | | | |
| SETTLING PARTIES, Avista, Staff, Public Counsel, AWEC, NWEC, The Energy Project, Sierra Club | | | | |
| [**JT-1**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00110/190334-35-AVA-Jt-T-11-26-19.pdf) | **Settling Parties**  **Avista  (Patrick D. Ehrbar) (Elizabeth M. Andrews)**  **Staff (Chris R. McGuire)**  **Public Counsel (Corey J. Dahl)**  **AWEC (Dr. Lance D. Kaufman)**  **NWEC (Wendy M. Gerlitz)**  **The Energy Project (Shawn M. Collins)**  **Sierra Club (Doug Howell)** | **A** | **11/26/19** | **Joint Testimony in Support of Partial Multiparty Settlement Stipulation (71 pages)** |
| [**JT-1r**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00117/190334-AVA-Jt-T-Revised-01-07-2020.pdf) | **NWEC (Wendy M. Gerlitz)** | **A** | **01/07/20** | ***Revised* Joint Testimony in Support of Partial Multiparty Settlement Stipulation, *Re: Statement of NWEC* (replaces pages 64-72 of Exh. JT-1) (9 pages)** |
| [**JT-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00104/190334-AVA-Settlement-Stipulation-11-21-19.pdf) | **Settling Parties** | **A** | **11/21/19** | **Partial Multiparty Settlement Stipulation (32 pages)** |
| [**EMA-9T**](http://apps.utc.wa.gov/apps/cases/2019/190335/Filed%20Documents/00026/190335-AVA-Exh-EMA-9T-12-20-19.pdf) | **Avista (Elizabeth M. Andrews)** | **A** | **12/20/29** | **Rebuttal Testimony (Addressing Natural Gas Revenue Requirement) (9 pages)** |
| OPPOSING PARTIES, in-part, Public Counsel | | | | |
| [**ACC-6r**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00111/190334-35%20PC%20Exh%20ACC-6r%2012-09-2019.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00112/ACC-WP2r%20-%20Gas%20Schedules%20with%20Set%20ROR%2012-09-2019.xlsx?Web=1) | **Public Counsel (Andrea C. Crane)** | **A** | **12/09/19** | ***Revised* Calculation of Recommended General Revenue Requirement Washington Gas Operations (2 pages)** |
| [**ACC-7r**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00111/190334-35%20PC%20Exh%20ACC-7r%2012-09-2019.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00112/ACC-WP2r%20-%20Gas%20Schedules%20with%20Set%20ROR%2012-09-2019.xlsx?Web=1) | **Public Counsel (Andrea C. Crane)** | **A** | **12/09/19** | ***Revised* Details of Washington Gas Revenue Requirement Adjustments (5 pages)** |
| [**ACC-8r**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00111/190334-35%20PC%20Exh%20ACC-8r%2012-09-2019.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00112/ACC-WP12r%20-%20Summary%20of%20Adjustments%2012-09-2019.xlsx?Web=1) | **Public Counsel (Andrea C. Crane)** | **A** | **12/09/19** | ***Revised* Summary of Recommended Washington Gas Revenue Requirement Adjustments (1 page)** |
| [**ACC-14T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00111/190334-35%20PC%20Exh%20ACC-14T%20Crane%20Opposition%20Testimony%2012-09-2019.pdf) | **Public Counsel (Andrea C. Crane)** | **A** | **12/09/19** | **Testimony Opposing Natural Gas Partial Stipulation (8 pages)** |
| [**ACC-15**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00111/190334-35%20PC%20Exh%20ACC-15%20%20AVA%20Resp%20to%20PC-DR-102%20%2012-09-2019.pdf) | **Public Counsel (Andrea C. Crane)** | **A** | **12/09/19** | **Avista’s Response to Public Counsel Data Request 102 (1 page)** |
| avista | | | | |
| DENNIS P. VERMILLION, Avista, President | | | | |
| [**DPV-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-DPV-1T-4-29-19.pdf) | **Dennis P. Vermillion** | **A** | **04/30/19** | **Prefiled Direct Testimony (36 Pages)** |
| [**DPV-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-DPV-2-4-29-19.pdf) | **Dennis P. Vermillion** | **A** | **04/30/19** | **Avista’s Corporate Structure, Service Territory Map, and Natural Gas Service Area, Fields, Trading Hubs, Pipelines (3 Pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| MARK T. THIES, Avista, Senior Vice President, Chief Financial Officer and Treasurer | | | | |
| [**MTT-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-MTT-1T-4-29-19.pdf) | **Mark T. Thies** | **A** | **04/30/19** | **Prefiled Direct Testimony (35 Pages)** |
| [**MTT-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-MTT-2-4-29-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-MTT-2-4-29-19.xlsx?Web=1) | **Mark T. Thies** | **A** | **04/30/19** | **Credit Ratings, Cost of Capital, Capital Structure (6 Pages)** |
| [**MTT-3C**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-NEW-AVA-Exh-MTT-3C-4-29-19%20(C).pdf)[**MTT-3 (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-MTT-3-4-29-19%20(R).pdf) | **Mark T. Thies** | **A** | **04/30/19** | **Avista’s Interest Rate Risk Management Plan (10 Pages)** |
| [**MTT-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-MTT-4-4-29-19.pdf) | **Mark T. Thies** | **A** | **04/30/19** | **Avista’s March 2019 Infrasturcture Investment Plan (36  Pages)** |
| [**MTT-5C**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-NEW-AVA-Exh-MTT-5C-4-29-19%20(C).pdf)[**MTT-5 (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-MTT-5-4-29-19%20(R).pdf) | **Mark T. Thies** | **A** | **04/30/19** | **Avista’s Planned Capital Expenditures and Long-Term Debt Issuances 2019-2023 (1 Page)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| ADRIEN M. MCKENZIE, Financial Concepts and Applications, Inc., President | | | | |
| [**AMM-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-1T-4-29-19.pdf) | **Adrien M. McKenzie** | **A** | **04/30/19** | **Prefiled Direct Testimony (53 Pages)** |
| [**AMM-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-2-4-29-19.pdf) | **Adrien M. McKenzie** | **A** | **04/30/19** | **Professional Qualifications (6 Pages)** |
| [**AMM-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-3-4-29-19.pdf) | **Adrien M. McKenzie** | **A** | **04/30/19** | **Description of Quantitative Analyses (41 Pages)** |
| [**AMM-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-4-4-29-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-4-14-4-29-19.xlsx?Web=1) | **Adrien M. McKenzie** | **A** | **04/30/19** | **ROE Analysis – Summary of Results (1 Page)** |
| [**AMM-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-5-4-29-19.pdf) | **Adrien M. McKenzie** | **A** | **04/30/19** | **Capital Structure (4 Pages)** |
| [**AMM-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-6-4-29-19.pdf) | **Adrien M. McKenzie** | **A** | **04/30/19** | **DCF Model – Utility Group (3 Pages)** |
| [**AMM-7**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-7-4-29-19.pdf) | **Adrien M. McKenzie** | **A** | **04/30/19** | **Sustainable Growth Rate – Utility Group (2 Pages)** |
| [**AMM-8**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-8-4-29-19.pdf) | **Adrien M. McKenzie** | **A** | **04/30/19** | **Capital Asset Pricing Model (1 Page)** |
| [**AMM-9**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-9-4-29-19.pdf) | **Adrien M. McKenzie** | **A** | **04/30/19** | **Empirical Capital Asset Pricing Model (1 Page)** |
| [**AMM-10**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-10-4-29-19.pdf) | **Adrien M. McKenzie** | **A** | **04/30/19** | **Electric Utility Risk Premium (4 Pages)** |
| [**AMM-11**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-11-4-29-19.pdf) | **Adrien M. McKenzie** | **A** | **04/30/19** | **Expected Earnings Approach (1 Page)** |
| [**AMM-12**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-12-4-29-19.pdf) | **Adrien M. McKenzie** | **A** | **04/30/19** | **DCF Model – Non-Utility Group (3 Pages)** |
| [**AMM-13**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-13-4-29-19.pdf) | **Adrien M. McKenzie** | **A** | **04/30/19** | **Flotation Cost Study (1 Page)** |
| [**AMM-14**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-AMM-14-4-29-19.pdf) | **Adrien M. McKenzie** | **A** | **04/30/19** | **Regulatory Mechanisms – Utility Group (4 Pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| **ELIZABETH M. ANDREWS, Avista, Senior Manager of Revenue Requirements** | | | | |
| [**EMA-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-EMA-1T-4-29-19.pdf) | **Elizabeth M. Andrews** | **A** | **04/30/19** | **Prefiled Direct Testimony (86 Pages)** |
| [**EMA-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-EMA-2-4-29-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-EMA-2-4-29-19.xlsx?Web=1) | **Elizabeth M. Andrews** | **A** | **04/30/19** | **Electric Pro Forma Study (10 Pages)** |
| [**EMA-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-EMA-3-4-29-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-EMA-3-4-29-19.xlsx?Web=1) | **Elizabeth M. Andrews** | **A** | **04/30/19** | **Natural Gas Pro Forma Study (10 Pages)** |
| [**EMA-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-EMA-4-4-29-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/_layouts/15/xlviewer.aspx?id=/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-EMA-4-4-29-19.xlsx) | **Elizabeth M. Andrews** | **A** | **04/30/19** | **Electric Revenue Growth Rate Calculation (5 Pages)** |
| [**EMA-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-EMA-5-4-29-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-EMA-5-4-29-19.xlsx?Web=1) | **Elizabeth M. Andrews** | **A** | **04/30/19** | **Natural Gas Revenue Rate Calculation (5 Pages)** |
| [**EMA-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-EMA-6-4-29-19.pdf) | **Elizabeth M. Andrews** | **A** | **04/30/19** | **Allocation Methodology (9 Pages)** |
| **EMA-7** | **Elizabeth M. Andrews** | **A** | **04/30/19** | **Electronic Files of Restating and Pro Forma Adjustments (on CD)** |
| [**EMA-8T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00113/190334-AVA-Exh-EMA-8T-12-13-19.pdf) | **Elizabeth M. Andrews** | **A** | **12/13/19** | **Rebuttal Testimony (11 Pages)** |
| [**EMA-9T**](http://apps.utc.wa.gov/apps/cases/2019/190335/Filed%20Documents/00026/190335-AVA-Exh-EMA-9T-12-20-19.pdf) | **Avista (Elizabeth M. Andrews)** | **A** | **12/20/19** | **Rebuttal Testimony (Addressing Natural Gas Revenue Requirement) (9 pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| JASON R. THACKSTON, Avista, Senior Vice President of Energy Resources | | | | |
| [**JRT-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-JRT-Exh-1T-3-29-19.pdf) | **Jason R. Thackston** | **A** | **04/30/19** | **Prefiled Direct Testimony (48 Pages)** |
| [**JRT-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-JRT-Exh-2-3-29-19.pdf)[**Appendix**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-JRT-Exh-2a-3-29-19.pdf) | **Jason R. Thackston** | **A** | **04/30/19** | **Avista’s 2017 Electric Integrated Resource Plan and Appendices (205 Pages)** |
| [**JRT-3C**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JRT-3C-4-29-19%20(C).pdf)[**JRT-3 (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-JRT-Exh-3-4-29-19%20(R).pdf) | **Jason R. Thackston** | **A** | **04/30/19** | **Avista’s Energy resources Risk Policy (35 Pages)** |
| [**JRT-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-JRT-Exh-4-4-29-19.pdf) | **Jason R. Thackston** | **A** | **04/30/19** | **List of Capital Projects Transferred to Plant 2017-2018 (15 Pages)** |
| [**JRT-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-JRT-Exh-5-4-29-19.pdf) | **Jason R. Thackston** | **A** | **04/30/19** | **Business Cases for Major Projects 2017-2018 (23 Pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| CLINT G. KALICH, Avista, Manager of Resource Planning & Power Supply Analyses | | | | |
| [**CGK-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-CGK-1T-4-29-19.pdf) | **Clint G. Kalich** | **A** | **04/30/19** | **Prefiled Direct Testimony (23 Pages)** |
| [**CGK-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334--AVA-Exh-CGK-2-4-29-19.pdf) | **Clint G. Kalich** | **A** | **04/30/19** | **Workshop Agendas and Materials, Hydro Forecasting Presentation (125 Pages)** |
| [**CGK-3T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00113/190334-AVA-Exh-CGK-3T-12-13-19.pdf) | **Clint G. Kalich** | **A** | **12/13/19** | **Rebuttal Testimony (6 Pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| HEATHER L. ROSENTRATER, Avista, Vice President of Energy Delivery | | | | |
| [**HLR-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-HLR-1T-4-29-19.pdf) | **Heather L. Rosentrater** | **A** | **04/30/19** | **Prefiled Direct Testimony (48 Pages)** |
| [**HLR-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-HLR-2-4-29-19.pdf) | **Heather L. Rosentrater** | **A** | **04/30/19** | **Avista’s Electric Distribution Infrastructure Plan 2017 (103 Pages)** |
| [**HLR-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-HLR-3-4-29-19.pdf) | **Heather L. Rosentrater** | **A** | **04/30/19** | **Avista’s Natural Gas Infrastructure Plan 2019 (56 Pages)** |
| [**HLR-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-HLR-4-4-29-19.pdf) | **Heather L. Rosentrater** | **A** | **04/30/19** | **Avista’s Priority Aldyl-A Protocol Report (35 Pages)** |
| [**HLR-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-HLR-5-4-29-19.pdf) | **Heather L. Rosentrater** | **A** | **04/30/19** | **Study of Aldyl-A Mainline Pipe Leaks 2018 Update (23 Pages)** |
| [**HLR-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-HLR-6-4-29-19.pdf) | **Heather L. Rosentrater** | **A** | **04/30/19** | **Avista’s Electric Transmission Infrastructure Plan 2018 (128 Pages)** |
| [**HLR-7**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-HLR-7-4-29-19.pdf) | **Heather L. Rosentrater** | **A** | **04/30/19** | **Program Investments 2017-2018 (29 Pages)** |
| [**HLR-8**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-HLR-8-4-29-19.pdf) | **Heather L. Rosentrater** | **A** | **04/30/19** | **Business Cases for Major Projects and Programs 2017-2018, Pro Forma Projects 2019 (127 Pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| JODY MOREHOUSE, Avista, Director of Gas Supply | | | | |
| [**JM-1T**](http://apps.utc.wa.gov/apps/cases/2019/190335/Filed%20Documents/00002/190335-AVA-Exh-JM-1T-4-29-19.pdf) | **Jody Morehouse** | **A** | **04/30/19** | **Prefiled Direct Testimony (12 Pages)** |
| [**JM-2**](http://apps.utc.wa.gov/apps/cases/2019/190335/Filed%20Documents/00002/190335-AVA-Exh-JM-2-4-29-19.pdf)[**Appendices**](http://apps.utc.wa.gov/apps/cases/2019/190335/Filed%20Documents/00002/190335-AVA-Exh-JM-2a-4-29-19.pdf) | **Jody Morehouse** | **A** | **04/30/19** | **Avista’s 2018 Natural Gas Integrated Resource Plan, dated August 31, 2018 (190 Pages) Appendices (829 Pages)** |
| [**JM-3**](http://apps.utc.wa.gov/apps/cases/2019/190335/Filed%20Documents/00002/190335-AVA-Exh-JM-3-4-29-19.pdf) | **Jody Morehouse** | **A** | **04/30/19** | **Avista’s 2018 Washington State Natural Gas hedge Report and Exhibits (26 Pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| **JAMES M. KENSOK, Vice President of Information and Security Office** | | | | |
| [**JMK-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JMK-1T-4-29-19.pdf) | **James M. Kensok** | **A** | **04/30/19** | **Prefiled Direct Testimony (31 Pages)** |
| [**JMK-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JMK-2-4-29-19.pdf) | **James M. Kensok** | **A** | **04/30/19** | **Project and Program Investments 2017-2018 (12 Pages)** |
| [**JMK-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JMK-3-4-29-19.pdf) | **James M. Kensok** | **A** | **04/30/19** | **Business Cases for Major Projects 2017-2018, Pro Forma Projects 2019 (31 Pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
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| KAREN K. SCHUH, Avista, Manager of Regulatory Affairs | | | | |
| [**KKS-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-KKS-1T-4-29-19.pdf) | **Karen K. Schuh** | **A** | **04/30/19** | **Prefiled Direct Testimony (22 Pages)** |
| [**KKS-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-KKS-2-4-29-19.pdf) | **Karen K. Schuh** | **A** | **04/30/19** | **Capital Investments Summary (5 Pages)** |
| [**KKS-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-KKS-3-4-29-19.pdf) | **Karen K. Schuh** | **A** | **04/30/19** | **Illustrative Example of Proposed Capital Report (18 Pages)** |
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|  |  |  |  |  |
| TARA L. KNOX, Avista, Manager of Regulatory Accounting Initiatives | | | | |
| [**TLK-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-TLK-1T-4-29-19.pdf) | **Tara L. Knox** | **A** | **04/30/19** | **Prefiled Direct Testimony (15 Pages)** |
| [**TLK-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-TLK-2-4-29-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-UE-19___Knox%20Exh.%20TLK-2A%20(AVA-Apr%2019).xlsx?Web=1) | **Tara L. Knox** | **A** | **04/30/19** | **Electric Cost of Service Study Process (9 Pages)** |
| [**TLK-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-TLK-3-4-29-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-UE-19___Knox%20Exh.%20TLK-3%20(AVA-Apr%2019).xlsx?Web=1) | **Tara L. Knox** | **A** | **04/30/19** | **Electric Cost of Service Study Summary Results (4 Pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| JOSEPH D. MILLER, Avista, Manager of Pricing and Tariffs | | | | |
| [**JDM-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JDM-1T-4-29-19.pdf) | **Joseph D. Miller** | **A** | **04/30/19** | **Prefiled Direct Testimony (50 Pages)** |
| [**JDM-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JDM-2-4-29-19.pdf) | **Joseph D. Miller** | **A** | **04/30/19** | **Current Electric Tariff WN U‑28 (23 Pages)** |
| [**JDM-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JDM-3-4-29-19.pdf) | **Joseph D. Miller** | **A** | **04/30/19** | **Proposed Revisions to Electric Tariff WN U‑28 (24 Pages)** |
| [**JDM-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JDM-4-4-29-19.pdf) | **Joseph D. Miller** | **A** | **04/30/19** | **Electric Rate Spread and Rate Design for Two-Year Rate Plan (5 Pages)** |
| [**JDM-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JDM-5-4-29-19.pdf) | **Joseph D. Miller** | **A** | **04/30/19** | **Current Natural Gas Tariff WN U‑29 (20 Pages)** |
| [**JDM-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JDM-6-4-29-19.pdf) | **Joseph D. Miller** | **A** | **04/30/19** | **Proposed Revisions to Natural Gas Tariff WN U‑29 (12 Pages)** |
| [**JDM-7**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JDM-7-4-29-19.pdf) | **Joseph D. Miller** | **A** | **04/30/19** | **Natural Gas Rate Spread and Rate Design for Two-Year Rate Plan (5 Pages)** |
| [**JDM-8**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JDM-8-4-29-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JDM-8a-4-29-19.xlsm?Web=1) | **Joseph D. Miller** | **A** | **04/30/19** | **Natural Gas Cost of Service Study Process (9 Pages)** |
| [**JDM-9**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JDM-9-4-29-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-JDM-9-4-29-19.xlsm?Web=1) | **Joseph D. Miller** | **A** | **04/30/19** | **Natural Gas Cost of Service Study Summary Results (4 Pages)** |
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| PATRICK D. EHRBAR, Avista, Director of Regulatory Affairs | | | | |
| [**PDE-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-PDE-1T-4-29-19.pdf) | **Patrick D. Ehrbar** | **A** | **04/30/19** | **Prefiled Direct Testimony (36 Pages)** |
| [**PDE-1T (ERM)**](http://apps.utc.wa.gov/apps/cases/2019/190222/Filed%20Documents/00001/190222-AVA-Exh-PDE-1T-3-29-19.pdf) | **Patrick D. Ehrbar** | **A** | **03/29/19** | **Prefiled Direct Testimony (11 Pages)** |
| [**PDE-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00002/190334-AVA-Exh-PDE-2-4-29-19.pdf) | **Patrick D. Ehrbar** | **A** | **04/30/19** | **Avista’s Decoupling Evaluation – Final Report (H. Gil Peach & Associates LLC) (224 Pages)** |
| [**PDE-2 (ERM)**](http://apps.utc.wa.gov/apps/cases/2019/190222/Filed%20Documents/00001/190222-AVA-Exh-PDE-2-3-29-19.pdf) | **Patrick D. Ehrbar** | **A** | **03/29/19** | **December 2018 Energy Recovery Mechanism Report (31 Pages)** |
| [**PDE-3T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00103/190334-AVA-Exh-PDE-3T-11-21-19.pdf) | **Patrick D. Ehrbar** | **A** | **11/29/19** | **Rebuttal Testimony, Decoupling (16 pages)** |
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| THOMAS C. DEMPSEY, Avista, Thermal Operations and Maintenance Manager | | | | |
| [**TCD-1T**](http://apps.utc.wa.gov/apps/cases/2019/190222/Filed%20Documents/00001/190222-AVA-Exh-TCD-1T-3-29-19.pdf) | **Thomas C. Dempsey** | **A** | **03/29/19** | **Prefiled Direct Testimony (15 Pages)** |
| [**TCD-2**](http://apps.utc.wa.gov/apps/cases/2019/190222/Filed%20Documents/00001/190222-AVA-Exh-TCD-2-3-29-19.pdf) | **Thomas C. Dempsey** | **A** | **03/29/19** | **Letter from MDEQ to Talen, Request for Information with Mercury & Air Toxics Standard, Dated 08/31/18 (2 Pages)** |
| [**TCD-3**](http://apps.utc.wa.gov/apps/cases/2019/190222/Filed%20Documents/00001/190222-AVA-Exh-TCD-3-3-29-19.pdf) | **Thomas C. Dempsey** | **A** | **03/29/19** | **Response Letter from Talen to MDEQ, Related to Compliance with Mercury Air Toxics Standard for Colstrip, Dated 09/17/18 (8 Pages)** |
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| WILLIAM G. JOHNSON, Avista, Wholesale Marketing Manager, Energy Resources Department | | | | |
| [**WGJ-1T**](http://apps.utc.wa.gov/apps/cases/2019/190222/Filed%20Documents/00001/190222-AVA-Exh-WGJ-1T-3-29-19.pdf) | **William G. Johnson** | **A** | **03/29/19** | **Prefiled Direct Testimony (19 Pages)** |
| [**WGJ-2**](http://apps.utc.wa.gov/apps/cases/2019/190222/Filed%20Documents/00001/190222-AVA-Exh-WGJ-2-3-29-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190222/Filed%20Documents/00001/190222-AVA-Exh-WGJ-2-3-29-19.xlsx?Web=1) | **William G. Johnson** | **A** | **03/29/19** | **Excerpt from Avista’s December 2018 Monthly Power Cost Deferral Report (5 Pages)** |
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| Commission Regulatory Staff | | | | |
| CHRIS R. MCGUIRE, Staff, Assistant Director of Energy Regulation | | | | |
| [**CRM-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Testimony-McGuire-10-3-19.pdf) | **Chris R. McGuire** | **A** | **10/03/19** | **Responsive Testimony: Overview, Multi-Year Rate Plan, Colstrip Units 3 and 4 (35 pages)** |
| [**CRM-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-McGuire-Exh.CRM-2.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-McGuire-Exh.CRM-2.xlsx?Web=1) | **Chris R. McGuire** | **A** | **10/03/19** | **Electric Revenue Requirement Growth Model (7 pages)** |
| [**CRM-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-McGuire-Exh.CRM-3.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-McGuire-Exh.CRM-3.xlsx?Web=1) | **Chris R. McGuire** | **A** | **10/03/19** | **Natural Gas Revenue Requirement Growth Model (7 pages)** |
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| JOANNA HUANG, Staff, Regulatory Analyst in the Energy Section of the Regulatory Services Division | | | | |
| [**JH-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Testimony-Huang-10-3-19.pdf) | **Joanna Huang** | **A** | **10/03/19** | **Responsive Testimony: Results of Operations and Revenue Requirements,**  **Restate Debt Interest, Pro Forma Labor Non-Executive,**  **Pro Forma Labor Executive, Pro Forma Employee Benefits,**  **Pro Forma Insurance Expense, Pro Forma IS/IT Expense,**  **Pro Forma Property Tax, Pro Forma Fee-Free Amortization,**  **Pro Forma Colstrip Amortization (30 pages)** |
| [**JH-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-2.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-2.xlsx?Web=1) | **Joanna Huang** | **A** | **10/03/19** | **Electric Pro Forma Analysis (10 pages)** |
| [**JH-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-3.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-3.xlsx?Web=1) | **Joanna Huang** | **A** | **10/03/19** | **Natural Gas Pro Forma Analysis (10 pages)** |
| [**JH-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-4.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-4.xlsx?Web=1) | **Joanna Huang** | **A** | **10/03/19** | **Pro Forma Labor Non-Executive, Adjustment 3.03 (6 pages)** |
| [**JH-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-5.pdf) | **Joanna Huang** | **A** | **10/03/19** | **Pro Forma Labor Executive, Adjustment 3.04 (5 pages)** |
| [**JH-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.Jh-6.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-6.xlsx?Web=1) | **Joanna Huang** | **A** | **10/03/19** | **Pro Forma Employee Benefits, Adjustment 3.05 (6 pages)** |
| [**JH-7**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-7.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-7.xlsx?Web=1) | **Joanna Huang** | **A** | **10/03/19** | **Pro Forma Insurance Expense, Adjustment 3.06 (3 pages)** |
| [**JH-8**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-8.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-8.xlsx?Web=1) | **Joanna Huang** | **A** | **10/03/19** | **Pro Forma IS/IT Expense, Adjustment 3.07 (3 pages)** |
| [**JH-9**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-9.pdf) | **Joanna Huang** | **A** | **10/03/19** | **Pro Forma Property Tax, Adjustment 3.08 (7 pages)** |
| [**JH-10**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-10.pdf) | **Joanna Huang** | **A** | **10/03/19** | **Pro Forma Fee-Free Amortization, Adjustment 3.12 (24 pages)** |
| [**JH-11**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Huang-Exh.JH-11.pdf) | **Joanna Huang** | **A** | **10/03/19** | **Pro Forma Colstrip Amortization, Adjustment 3.13 (9 pages)** |
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| DAVID C. PARCELL, Technical Associates, Inc., Principal and Senior Economist | | | | |
| [**DCP-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Testimony-Parcell-10-3-19.pdf) | **David C. Parcell** | **A** | **10/03/19** | **Responsive Testimony: Cost of Capital (62 pages)** |
| [**DCP-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-2.pdf) | **David C. Parcell** | **A** | **10/03/19** | **Background and Experience Profile (5 pages)** |
| [**DCP-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Avista Total Cost of Capital (1 page)** |
| [**DCP-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-4.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Economic Indicators (3 pages)** |
| [**DCP-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-5.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Electric Utility Rate Cases where ROE was Determined in 2017-2018 and ROE Awards in Prior Cases (1 page)** |
| [**DCP-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-6.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Avista History of Credit Ratings (1 page)** |
| [**DCP-7**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-7.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Avista Capital Structure Ratios (2 pages)** |
| [**DCP-8**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-8.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Proxy Companies Average Common Equity Ratios (1 page)** |
| [**DCP-9**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-9.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Proxy Companies Basis for Selection (1 page)** |
| [**DCP-10**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-10.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Proxy Companies DCF Cost Rates (4 pages)** |
| [**DCP-11**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-11.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Standard & Poor’s 500 ROE and 20-Year Treasury Bond Returns (1 page)** |
| [**DCP-12**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-12.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Proxy Companies CAPM Cost Rates (1 page)** |
| [**DCP-13**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-13.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Proxy Companies ROE and M/B (2 pages)** |
| [**DCP-14**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-14.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Standard & Poor’s 500 ROE and M/B (1 page)** |
| [**DCP-15**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-15.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Risk Indicators (2 pages)** |
| [**DCP-16**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-16.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Update/Corrections to McKenzie DCF Analyses (1 page)** |
| [**DCP-17**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-17.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Parcell-Exh.DCP-3%20-%20DCP-17.xlsx?Web=1) | **David C. Parcell** | **A** | **10/03/19** | **Risk Indicators of Electric Utilities by Size (1 page)** |
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| BETTY A. ERDAHL, Staff, Regulatory Analyst in the Energy Section of the Regulatory Services Division | | | | |
| [**BAE-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Testimony-Erdahl-10-3-19.pdf) | **Betty A. Erdahl** | **A** | **10/03/19** | **Responsive Testimony: Investor Supplied Working Capital (9 pages)** |
| [**BAE-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Erdahl-Exh.BAE-2.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Erdahl-Exh.BAE-2.xlsx?Web=1) | **Betty A. Erdahl** | **A** | **10/03/19** | **Staff Adjustment to Avista’s ISWC Amount (1 page)** |
| [**BAE-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Erdahl-Exh.BAE-3.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Erdahl-Exh.BAE-3.xlsx?Web=1) | **Betty A. Erdahl** | **A** | **10/03/19** | **Avista Response to UTC Staff Data Request 126 (17 pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
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| DAVID C. GOMEZ, Staff, Assistant Power Supply Manager in the Energy Section of the Regulatory Services Division | | | | |
| [**DCG-1CT**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Testimony-Gomez-10-3-19%20CONF.pdf)[**DCG-1T (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Testimony-Gomez-10-3-19%20Redacted.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Responsive Testimony: Production Plant, Power Cost Workshops & SmartBurn (35 pages)** |
| [**DCG-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-2.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Colstrip Units 3 and 4 PM Levels(1 page)** |
| [**DCG-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-3.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Transformer Update 2/22/2019 (8 pages)** |
| [**DCG-4C**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-4C-CONF.pdf)[**DCG-4 (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-4C-Redacted.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Avista’s Confidential Response to UTC Staff Data Request 12C (131 pages)** |
| [**DCG-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-5.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Avista’s response to UTC Staff Data Request 1 (ERM) (2 pages)** |
| [**DCG-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-6.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Avista’s Response to UTC Staff Data Request 2 (4 pages)** |
| [**DCG-7**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-7.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Idaho PUC Case No. AVU-E-03-06, Testimony of Richard L. Storro (18 pages)** |
| [**DCG-8**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-8.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Idaho PUC Case No. AVU-E-04-01, Testimony of Robert J. Lafferty (66 pages)** |
| [**DCG-9**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-9-Orig.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Approval and Promulgation of Implementation Plans; State of Montana; State Implementation Plan and Regional Haze Federal Implementation Plan (FIP); Federal Register, Vol. 77, No. 181, September 18, 2012, 40 CFR Part 52 (57 pages)** |
| [**DCG-10**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-10-Orig.pdf) | **David C. Gomez** | **A** | **10/03/19** | **State of Montana Regional Haze 5-Year Progress Report, Montana Department of Environmental Quality (MDEQ) August 2017 (190 pages)** |
| [**DCG-11**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-11.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Avista’s Response to UTC Staff Data Request 6, Attachment A, Ownership and Operation Agreement, Colstrip Units #3 & #4, Section 17 – Project Committee (2 pages)** |
| [**DCG-12**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-12.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Colstrip Units 3 & 4 NOx Emissions, United States Environmental Protection Agency, Clean Air Markets Division (CAMD) (2 pages)** |
| [**DCG-13**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-13.pdf) | **David C. Gomez** | **A** | **10/03/19** | **In the Matter of Avista Corp., Energy Recovery Mechanism (ERM) Annual Filing to Review Deferrals for Calendar Year 2004, Docket No. UE-050492, Storro, Exh. RLS-1T (10 pages)** |
| [**DCG-14**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-14.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Avista’s response to Staff DR No. 3 (3 pages)** |
| [**DCG-15C**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-15C-CONF.pdf)[**DCG-15 (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-15C-Redacted.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Avista’s Confidential Revised Response to UTC Staff Data Request 68, Sologic Root Cause Analysis Report, Talen Energy – Colstrip MT 2018 Emissions Issue (20 pages)** |
| [**DCG-16**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-16.pdf) | **David C. Gomez** | **A** | **10/03/19** | **Avista response to UTC Staff Data Request 9, Attachment A, Thomas Dempsey CS2 Status January 3, 2019 (3 pages)** |
| [**DCG-17**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Gomez-Exh-DCG-17%20GS.pdf) | **David C. Gomez** | **A** | **10/03/19** | **In the Matter of the Application of Avista Corp. d/b/a Avista Utilities for Authority to Increase its Rates and Charges for Electric and Natural Gas Service in Idaho, Case No. AVU-E-17-01, Direct Testimony of Dr. Ezra D. Hausman on Behalf of Sierra Club, November 14, 2017 (117 pages)** |
| [**DCG-18T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00092/190334-35-222-Staff-RespTestimony-DCG-18T-10-28-19.pdf) | **David C. Gomez** | **A** | **10/28/19** | **Responsive Testimony: 2018 Power Costs in Docket UE-190222 (4 pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
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| AIMEE N. HIGBY, Staff, Regulatory Analyst in the Energy Regulation Section of the Regulatory Services Division | | | | |
| [**ANH-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Testimony-Higby-10-3-19.pdf) | **Aimee N. Higby** | **A** | **10/03/19** | **Responsive Testimony: Pro Forma Policy; Pro Forma Rate Base Adjustments; Pro Forma O&M Offsets (33 pages)** |
| [**ANH-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Higby-Exh-ANH-2.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Higby-Exh-ANH-2.xlsx?Web=1) | **Aimee N. Higby** | **A** | **10/03/19** | **Attachment A to Avista’s 2nd Supplemental Response to UTC Staff Data Request 23 (with Staff Analysis) (8 pages)** |
| [**ANH-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Higby-Exh-ANH-3.pdf) | **Aimee N. Higby** | **A** | **10/03/19** | **Avista’s Response to UTC Staff Data Request 26 (1 page)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
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| JASON L. BALL, Staff, Deputy Assistant Director in the Energy Section of the Regulatory Services Division | | | | |
| [**JLB-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Testimony-Ball-10-3-19.pdf) | **Jason L. Ball** | **A** | **10/03/19** | **Responsive Testimony: Cost of Service, Electric and Natural Gas; Rate Spread, Electric and Natural Gas; Rate Design, Electric and Natural Gas (32 pages)** |
| [**JLB-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Ball-Exh-JLB-2.pdf) | **Jason L. Ball** | **A** | **10/03/19** | **Analysis of Schedule 25 Usage (3 pages)** |
| [**JLB-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Ball-Exh-JLB-3.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Ball-Exh-JLB-3.xlsx?Web=1) | **Jason L. Ball** | **A** | **10/03/19** | **Schedule 25 Rate Impacts (2 pages)** |
| [**JLB-4C**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Ball-Exh-JLB-4C-CONF.pdf)[**JLB-4 (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Ball-Exh-JLB-4C-Redacted.pdf) | **Jason L. Ball** | **A** | **10/03/19** | **Completion Dates of Marginal Cost Studies (3 pages)** |
| [**JLB-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Ball-Exh-JLB-5.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Ball-Exh-JLB-5.xlsx?Web=1) | **Jason L. Ball** | **A** | **10/03/19** | **Electric Bill Impacts (2 pages)** |
| [**JLB-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Ball-Exh-JLB-6.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00074/190334-35-222-Staff-Ball-Exh-JLB-6.xlsx?Web=1) | **Jason L. Ball** | **A** | **10/03/19** | **Natural Gas Bill Impacts (2 pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
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| ELAINE L. JORDAN, Staff, Regulatory Analyst in the Energy Regulation Section of the Regulatory Services Division | | | | |
| [**ELJ-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00102/190334-35-222-Staff-CrossAnsTestimony-Jordan-11-21-19.pdf) | **Elaine L. Jordan** | **A** | **11/21/19** | **Cross-Answering Testimony: Decoupling (12 pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
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| PUBLIC COUNSEL | | | | |
| ANDREA C. CRANE, The Columbia Group, Inc., President | | | | |
| [**ACC-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20ACC-1T%2003-03-2019.pdf) | **Andrea C. Crane** | **A** | **10/03/19** | **Responsive Testimony (63 pages)** |
| [**ACC-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20ACC-2.pdf) | **Andrea C. Crane** | **A** | **10/03/19** | **List of Prior Testimonies (2 pages)** |
| [**ACC-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20ACC-3.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00083/190334-35-222%20ACC-WP1%20-%20Electric%20Schedules%2010-07-2019.xlsx?Web=1) | **Andrea C. Crane** | **A** | **10/03/19** | **Calculation of Recommended General Revenue Requirement - Washington Electric Operations (2 pages)** |
| [**ACC-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20ACC-4.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00083/190334-35-222%20ACC-WP1%20-%20Electric%20Schedules%2010-07-2019.xlsx?Web=1) | **Andrea C. Crane** | **A** | **10/03/19** | **Details of Washington Electric Revenue Requirement Adjustments (6 pages)** |
| [**ACC-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20ACC-5.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00083/190334-35-222%20ACC-WP2%20-%20Gas%20Schedules%2010-07-2019.xlsx?Web=1) | **Andrea C. Crane** | **A** | **10/03/19** | **Summary of Recommended Washington Electric Revenue Requirement Adjustments (1 page)** |
| [**ACC-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20ACC-6.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00083/190334-35-222%20ACC-WP2%20-%20Gas%20Schedules%2010-07-2019.xlsx?Web=1) | **Andrea C. Crane** | **A** | **10/03/19** | **Calculation of Recommended General Revenue Requirement - Washington Gas Operations (2 pages)** |
| [**ACC-6r**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00111/190334-35%20PC%20Exh%20ACC-6r%2012-09-2019.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00112/ACC-WP2r%20-%20Gas%20Schedules%20with%20Set%20ROR%2012-09-2019.xlsx?Web=1) | **Public Counsel (Andrea C. Crane)** | **A** | **12/09/19** | ***Revised* Calculation of Recommended General Revenue Requirement Washington Gas Operations (2 pages)** |
| [**ACC-7**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20ACC-7.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00083/190334-35-222%20ACC-WP2%20-%20Gas%20Schedules%2010-07-2019.xlsx?Web=1) | **Andrea C. Crane** | **A** | **10/03/19** | **Details of Washington Gas Revenue Requirement Adjustments (5 pages)** |
| [**ACC-7r**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00111/190334-35%20PC%20Exh%20ACC-7r%2012-09-2019.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00112/ACC-WP2r%20-%20Gas%20Schedules%20with%20Set%20ROR%2012-09-2019.xlsx?Web=1) | **Public Counsel (Andrea C. Crane)** | **A** | **12/09/19** | ***Revised* Details of Washington Gas Revenue Requirement Adjustments (5 pages)** |
| [**ACC-8**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20ACC-8.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00083/190334-35-222%20ACC-WP2%20-%20Gas%20Schedules%2010-07-2019.xlsx?Web=1) | **Andrea C. Crane** | **A** | **10/03/19** | **Summary of Recommended Washington Gas Revenue Requirement Adjustments (1 page)** |
| [**ACC-8r**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00111/190334-35%20PC%20Exh%20ACC-8r%2012-09-2019.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00112/ACC-WP12r%20-%20Summary%20of%20Adjustments%2012-09-2019.xlsx?Web=1) | **Public Counsel (Andrea C. Crane)** | **A** | **12/09/19** | ***Revised* Summary of Recommended Washington Gas Revenue Requirement Adjustments (1 page)** |
| [**ACC-9**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20ACC-9%20(PC_DR_033).pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00083/190334-35-222%20ACC-WP4%20-%20Incentives%2010-07-2019.xlsx?Web=1) | **Andrea C. Crane** | **A** | **10/03/19** | **Avista Response to Public Counsel Data Request 33 (1 page)** |
| [**ACC-10**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20ACC-10%20(PC_DR_025).pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00083/190334-35-222%20ACC-WP4%20-%20Incentives%2010-07-2019.xlsx?Web=1) | **Andrea C. Crane** | **A** | **10/03/19** | **Avista Response to Public Counsel Data Request 25 (1 page)** |
| [**ACC-11**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20ACC-11%20(Staff_DR_009).pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00083/190334-35-222%20ACC-WP4%20-%20Incentives%2010-07-2019.xlsx?Web=1) | **Andrea C. Crane** | **A** | **10/03/19** | **Avista Response to UTC Staff Data Request 9 (Non-Confidential Version) (2 pages)** |
| [**ACC-12**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20ACC-12%20(PC_DR_053).pdf) | **Andrea C. Crane** | **A** | **10/03/19** | **Avista Response to Public Counsel Data Request 53, with Attachment A (Non-Confidential Version) (4 pages)** |
| [**ACC-13**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20ACC-13%20(PC-DR-104).pdf) | **Andrea C. Crane** | **A** | **10/03/19** | **Avista Response to Public Counsel Data Request 104 with Attachments A and C (Earnings Test and 3% Test worksheets) (5 pages)** |
| [**ACC-14T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00111/190334-35%20PC%20Exh%20ACC-14T%20Crane%20Opposition%20Testimony%2012-09-2019.pdf) | **Public Counsel (Andrea C. Crane)** | **A** | **12/09/19** | **Testimony Opposing Natural Gas Partial Stipulation (8 pages)** |
| [**ACC-15**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00111/190334-35%20PC%20Exh%20ACC-15%20%20AVA%20Resp%20to%20PC-DR-102%20%2012-09-2019.pdf) | **Public Counsel (Andrea C. Crane)** | **A** | **12/09/19** | **Avista’s Response to Public Counsel Data Request 102 (1 page)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| DAVID J. GARRETT, Resolve Utility Consulting, PLLC, Managing Member | | | | |
| [**DJG-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-1T%2010-03-2019.pdf) | **David J. Garrett** | **A** | **10/03/19** | **Responsive Testimony (96 pages)** |
| [**DJG-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-2%20CV.pdf) | **David J. Garrett** | **A** | **10/03/19** | **Curriculum Vitae (6 pages)** |
| [**DJG-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-3%20(Excerpt).pdf) | **David J. Garrett** | **A** | **10/03/19** | **Morin, R., New Regulatory Finance (Excerpt) (18 pages)** |
| [**DJG-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-4%20(Excerpt).pdf) | **David J. Garrett** | **A** | **10/03/19** | **Elizabeth Andrews Workpapers, Section 1 – Electric Pro Forma and Section 2 – Natural Gas Pro Forma (Excerpt) (4 pages)** |
| [**DJG-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-5%20(Excerpt).pdf) | **David J. Garrett** | **A** | **10/03/19** | **Kolbe, A. et al., The Cost of Capital (Excerpt) (2 pages)** |
| [**DJG-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **Historic Trends (2 pages)** |
| [**DJG-7**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-7.pdf) | **David J. Garrett** | **A** | **10/03/19** | **Huntoon, S., Nice Work If You Can Get It (5 pages)** |
| [**DJG-8**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-8.pdf) | **David J. Garrett** | **A** | **10/03/19** | **Hyman, L., Don’t Cry for Utility Shareholders, America (6 pages)** |
| [**DJG-9**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-9.pdf) | **David J. Garrett** | **A** | **10/03/19** | **Griffey, C., When “What Goes Up” Does Not Come Down (10 pages)** |
| [**DJG-10**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-10.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **Proxy Group Summary (1 page)** |
| [**DJG-11**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-11%20(Excerpt).pdf) | **David J. Garrett** | **A** | **10/03/19** | **Damodaran, A., Investment Valuation (Excerpt) (10 pages)** |
| [**DJG-12**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-12%20(Excerpt).pdf) | **David J. Garrett** | **A** | **10/03/19** | **Bodie, Z. et al., Essentials of Investments (Excerpt) (8 pages)** |
| [**DJG-13**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-13%20(Excerpt).pdf) | **David J. Garrett** | **A** | **10/03/19** | **Graham, J. et al., Corporate Finance (Excerpt) (10 pages)** |
| [**DJG-14**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-14.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **DCF Stock Prices (1 page)** |
| [**DJG-15**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-15.pdf) | **David J. Garrett** | **A** | **10/03/19** | **Fama, E., Efficient Capital Markets (36 pages)** |
| [**DJG-16**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-16.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **DCF Dividend Yields (1 page)** |
| [**DJG-17**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-17.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **DCF Growth Rates (1 page)** |
| [**DJG-18**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-18.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **DCF Final Results (1 page)** |
| [**DJG-19**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-19.pdf) | **David J. Garrett** | **A** | **10/03/19** | **Gordon, M. et al., Capital Equipment Analysis (10 pages)** |
| [**DJG-20**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-20.pdf) | **David J. Garrett** | **A** | **10/03/19** | **Sharpe, W., A Simplified Model for Portfolio Analysis (18 pages)** |
| [**DJG-21**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-21.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **CAPM Risk-Free Rate (1 page)** |
| [**DJG-22**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-22.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **CAPM Betas (1 page)** |
| [**DJG-23**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-23%20(Excerpt).pdf) | **David J. Garrett** | **A** | **10/03/19** | **Dimson, E. et al., Triumph of the Optimists (Excerpt) (8 pages)** |
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| [**DJG-25**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-25.pdf) | **David J. Garrett** | **A** | **10/03/19** | **Graham, J. et al., The Equity Risk Premium in 2016 (20 pages)** |
| [**DJG-26**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-26%20(Excerpt).pdf) | **David J. Garrett** | **A** | **10/03/19** | **Fernandez, P et al., Market Risk Premium used in 71 countries in 2016 (Excerpt) (2 pages)** |
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| [**DJG-28**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-28.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **CAPM Equity Risk Premium Results (1 page)** |
| [**DJG-29**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-29.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **CAPM Final Results (1 page)** |
| [**DJG-30**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-30%20(Excerpt).pdf) | **David J. Garrett** | **A** | **10/03/19** | **Gombola, M., Time-Series Processes of Utility Betas (Excerpt) (12 pages)** |
| [**DJG-31**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-31.pdf) | **David J. Garrett** | **A** | **10/03/19** | **Banz, R., The Relationship Between Return and Market Value of Common Stocks (16 pages)** |
| [**DJG-32**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-32%20(Excerpt).pdf) | **David J. Garrett** | **A** | **10/03/19** | **Morningstar, 2015 Ibbotson Stocks, Bonds, Bills, and Inflation Classic Yearbook Cost of Equity Summary (Excerpt) (3 pages)** |
| [**DJG-33**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-33.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **Cost of Equity Summary (1 page)** |
| [**DJG-34**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-34.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **Market Cost of Equity (1 page)** |
| [**DJG-35**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-35.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **Optimal Capital Structure Estimate (2 pages)** |
| [**DJG-36**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-36.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **Competitive Industry Debt Ratios (1 page)** |
| [**DJG-37**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-37.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20DJG-6,%2010,%2014,%2016-18,%2021-22,%2027-29,%2033-37%20%2010-03-2019.xlsx?Web=1) | **David J. Garrett** | **A** | **10/03/19** | **Proxy Debt Ratios (1 page)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| COREY J. DAHL, Public Counsel Unit of the Washington State Office of the Attorney General, Regulatory Analyst | | | | |
| [**CJD-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334%2035%20PC%20Exh%20CJD-1T%2010-03-2019.pdf) | **Corey J. Dahl** | **A** | **10/03/19** | **Responsive Testimony (14 pages)** |
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| [**CJD-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20CJD-3%2010-03-2019.pdf) | **Corey J. Dahl** | **A** | **10/03/19** | **Initial Comments of Public Counsel in Docket U-190531 (8 pages)** |
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| GLENN A. WATKINS, Technical Associates, Inc., President and Senior Economist | | | | |
| [**GAW-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-1T%2010-03-2019.pdf) | **Glenn A. Watkins** | **A** | **10/03/19** | **Responsive Testimony (15 pages)** |
| [**GAW-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-2.pdf) | **Glenn A. Watkins** | **A** | **10/03/19** | **Background & Experience Profile (3 pages)** |
| [**GAW-3C**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-3C%20(C).pdf)[**GAW-3 (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-3C%20(R).pdf) | **Glenn A. Watkins** | **A** | **10/03/19** | **Avista Response to Public Counsel Data Request Nos. 87C with Confidential Attachments A-F (85 pages)** |
| [**GAW-4C**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-4C%20(C).pdf)[**GAW-4 (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-4C%20(R).pdf) | **Glenn A. Watkins** | **A** | **10/03/19** | **Avista Responses to Public Counsel Data Request Nos. 88C with Confidential Attachment A (7 pages)** |
| [**GAW-5C**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-5C%20(C).pdf)[**.xls (A)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-5C%20%20PC-DR-089C%20Attach%20A%20(C).xlsx?Web=1)[**.xls (B)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-5C%20%20PC-DR-089C%20Attach%20B%20(C).xlsx?Web=1)[**GAW-5 (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-5C%20(R).pdf) | **Glenn A. Watkins** | **A** | **10/03/19** | **Avista Responses to Public Counsel Data Request Nos. 89C with Confidential Attachments A and B (3 pages)** |
| [**GAW-6C**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-6C%20(C).pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-6C%20%20PC-DR-090C%20Attach%20A.pdf%20(C).xlsm?Web=1)[**GAW-6 (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-6C%20(R).pdf) | **Glenn A. Watkins** | **A** | **10/03/19** | **Avista Responses to Public Counsel Data Request Nos. 90C with Confidential Attachment A (3 pages)** |
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| [**GAW-8**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-8.pdf) | **Glenn A. Watkins** | **A** | **10/03/19** | **Avista Response to Public Counsel Data Request 92 (1 page)** |
| [**GAW-9**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00080/190334-35%20PC%20Exh%20GAW-9.pdf) | **Glenn A. Watkins** | **A** | **10/03/19** | **Avista Responses to Public Counsel Data Request 93 (1 page)** |
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|  |  |  |  |  |
| AVI ALLISON, Synapse Energy Economics, Incorporated, Senior Associate | | | | |
| [**AA-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00094/190334-35-222%20PC%20Exh%20AA-1T%2010-28-2019.pdf) | **Avi Allison** | **A** | **10/28/19** | **Responsive Testimony (12 pages)** |
| [**AA-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00094/190334-35-222%20PC%20EXH%20AA-2%2010-28-2019.pdf) | **Avi Allison** | **A** | **10/28/19** | **Resume of Avi Allison (5 pages)** |
| [**AA-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00094/190334-35-222%20PC%20EXH%20AA-3%2010-28-2019.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00094/190334-35-222%20PC%20EXH%20AA-3%2010-28-2019.xlsx?Web=1) | **Avi Allison** | **A** | **10/28/19** | **Attachment A to Avista Response to Public Counsel Data Request No. 106 (2 pages)** |
| [**AA-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00094/190334-35-222PC%20EXH%20AA-4%2010-28-2019.pdf) | **Avi Allison** | **A** | **10/28/19** | **Avista Response to Public Counsel Data Request No. 117(d) (2 pages)** |
| [**AA-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00094/190334-35-222PC%20EXH%20AA-5%2010-28-2019.pdf) | **Avi Allison** | **A** | **10/28/19** | **Supplemental Attachment B to Avista Response to Public Counsel Data Request No. 107 (4 pages)** |
| [**AA-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00094/190334-35-222PC%20EXH%20AA-6%2010-28-2019.pdf) | **Avi Allison** | **A** | **10/28/19** | **Avista Supplemental Response to Public Counsel Data Request No. 107 (3 pages)** |
| [**AA-7**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00094/190334-35-222PC%20EXH%20AA-7%2010-28-2019.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00094/190334-35-222PC%20EXH%20AA-7%2010-28-2019.xlsx?Web=1) | **Avi Allison** | **A** | **10/28/19** | **Supplemental Attachment C to Avista Response to Public Counsel Data Request No. 107 (4 pages)** |
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| ALLIANCE OF WESTERN ENERGY CONSUMERS | | | | |
| MICHAEL P. GORMAN, Brubaker & Associates, Inc., Managing Principal | | | | |
| [**MPG-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-1T%20(Gorman)%20(AWEC)(10.3.19).pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Responsive Testimony (86 pages)** |
| [**MPG-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-2%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Qualifications of Michael P. Gorman (4 pages)** |
| [**MPG-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-3%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Rate of Return (1 page)** |
| [**MPG-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-4%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Valuation Metrics (16 pages)** |
| [**MPG-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-5%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Proxy Group (1 page)** |
| [**MPG-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-6%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Consensus Analysts’ Growth Rates (1 page)** |
| [**MPG-7**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-7%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Constant Growth DCF Model (Consensus Analysts’ Growth Rates) (1 page)** |
| [**MPG-8**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-8%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Payout Ratios (1 page)** |
| [**MPG-9**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-9%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Sustainable Growth Rate (2 pages)** |
| [**MPG-10**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-10%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Constant Growth DCF Model (Sustainable Growth Rate) (1 page)** |
| [**MPG-11**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-11%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Electricity Sales are Linked to U.S. Economic Growth (1 page)** |
| [**MPG-12**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-12%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Multi-Stage Growth DCF Model (1 page)** |
| [**MPG-13**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-13%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Common Stock Market/Book Ratio (1 page)** |
| [**MPG-14**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-14%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Equity Risk Premium – Treasury Bond (1 page)** |
| [**MPG-15**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-15%20(Gorman)(AWEC)(10.3.19).pdf.pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Equity Risk Premium – Utility Bond (1 page)** |
| [**MPG-16**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-16%20(Gorman)(AWEC)(10.3.19).pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Bond Yield Spreads (1 page)** |
| [**MPG-17**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-17%20(Gorman)(AWEC)(10.3.19).pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Treasury and Utility Bond Yields (3 pages)** |
| [**MPG-18**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-18%20(Gorman)(AWEC)(10.3.19).pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Value Line Beta (2 pages)** |
| [**MPG-19**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-19%20(Gorman)(AWEC)(10.3.19).pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **CAPM Return (1 page)** |
| [**MPG-20**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-20%20(Gorman)(AWEC)(10.3.19).pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Standard & Poor’s Credit Metrics (5 pages)** |
| [**MPG-21**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20MPG-21(Gorman)(AWEC)(10.3.19).pdf) | **Michael P. Gorman** | **A** | **10/03/19** | **Accuracy of Interest Rates (1 page)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| BRADLEY G. MULLINS, Independent Energy and Utilities Consultant | | | | |
| [**BGM-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222_Exh.%20BGM-1T%20(Mullins)(AWEC)(10.3.19).pdf) | **Bradley G. Mullins** | **A** | **10/03/19** | **Responsive Testimony (37 pages)** |
| [**BGM-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-2%20(Mullins)%20(AWEC)(10.3.19).pdf) | **Bradley G. Mullins** | **A** | **10/03/19** | **Regulatory Appearances of Bradley G. Mullins (5 pages)** |
| [**BGM-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-3%20(Mullins)%20(AWEC)(10.3.19).pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-3%20(Mullins)%20(AWEC)(10.3.19).xlsx?Web=1) | **Bradley G. Mullins** | **A** | **10/03/19** | **Electric Service Revenue Requirement Calculations (11 pages)** |
| [**BGM-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-4%20(Mullins)%20(AWEC)(10.3.19).pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-4%20(Mullins)%20(AWEC)(10.3.19).xlsx?Web=1) | **Bradley G. Mullins** | **A** | **10/03/19** | **Gas Service Revenue Requirement Calculations (11 pages)** |
| [**BGM-5C**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-5C%20(Mullins)%20(AWEC)(10.3.19)(C).pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-5C%20(Mullins)%20(AWEC)(10.3.19)(C).xlsx?Web=1)[**BGM-5 (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-5%20(Mullins)%20(AWEC)(10.3.19)(R).pdf) | **Bradley G. Mullins** | **A** | **10/03/19** | **WNP-3 Expiration Benefit (1 page)** |
| [**BGM-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-6%20(Mullins)%20(AWEC)(10.3.19).pdf) | **Bradley G. Mullins** | **A** | **10/03/19** | **GTN Pipeline Stipulation (Excerpt) (11 pages)** |
| [**BGM-7C**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-7C%20(Mullins)%20(AWEC)(10.3.19)(C).pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-7C%20(Mullins)%20(AWEC)(10.3.19)(C).xlsx?Web=1)[**BGM-7 (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-7%20(Mullins)%20(AWEC)(10.3.19)(R).pdf) | **Bradley G. Mullins** | **A** | **10/03/19** | **Pipeline Optimization Calculations (2 pages)** |
| [**BGM-8**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-8%20(Mullins)%20(AWEC)(10.3.19).pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-8%20(Mullins)%20(AWEC)(10.3.19).xlsx?Web=1) | **Bradley G. Mullins** | **A** | **10/03/19** | **Pro Forma Revenue Adjustment (3 pages)** |
| [**BGM-9**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-9%20(Mullins)%20(AWEC)(10.3.19).pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-9%20(Mullins)%20(AWEC)(10.3.19).xlsx?Web=1) | **Bradley G. Mullins** | **A** | **10/03/19** | **Electric Revenue Growth Study (18 pages)** |
| [**BGM-10**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-10%20(Mullins)%20(AWEC)(10.3.19).pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-10%20(Mullins)%20(AWEC)(10.3.19).xlsx?Web=1) | **Bradley G. Mullins** | **A** | **10/03/19** | **Gas Revenue Growth Study (17 pages)** |
| [**BGM-11**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20BGM-11%20(Mullins)%20(AWEC)(10.3.19).pdf) | **Bradley G. Mullins** | **A** | **10/03/19** | **Responses to Data Requests: AWEC Data Requests 013, 014, 016, 104, 109, 111, 112, 115, 126, 128, 130, 134, 135; Public Counsel Data Request 107 Supplemental (18 pages)** |
| [**BGM-12T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00091/190334-190335-190222_BGM-12T%20-%20ERM%20Test.%20of%20B.%20Mullins%20(AWEC)%20(10.28.19).pdf) | **Bradley G. Mullins** | **A** | **10/28/19** | **ERM Responsive Testimony (12 pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| LANCE D. KAUFMAN, Independent Economics Consultant | | | | |
| [**LDK-1CT**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20LDK-1CT%20(Kaufman)(AWEC)(10.3.19)(C).pdf)[**LDK-1T (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20LDK-1T%20(Kaufman)%20(AWEC)(10.3.19)%20(R).pdf) | **Lance D. Kaufman** | **A** | **10/03/19** | **Responsive Testimony (34 pages)** |
| [**LDK-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20LDK-2%20(Kaufman)(AWEC)(10.3.19).pdf) | **Lance D. Kaufman** | **A** | **10/03/19** | **Curriculum Vitae of Lance D. Kaufman (4 pages)** |
| [**LDK-3C**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20LDK-3C%20(Kaufman)(AWEC)(10.3.19)(C).pdf)[**LDK-3 (R)**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20LDK-3%20(Kaufman)(AWEC)(10.3.19)%20(R).pdf) | **Lance D. Kaufman** | **A** | **10/03/19** | **Avista Responses to Data Requests: UTC Staff Data Request 080; AWEC Data Requests 009, 034, 035, 040, 047, 048, 056, 073, 074, 084, 086, 087, 088, 089, 090, 099 Supplemental, 141, 144, 148, 149, 150, 154, 161 (47 pages)** |
| [**LDK-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00072/190334-190335-190222-Exh.%20LDK-4%20(Kaufman)(AWEC)(10.3.19).pdf) | **Lance D. Kaufman** | **A** | **10/03/19** | **Summary of Rate Spread and Rate Design (7 pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| THE ENERGY PROJECT | | | | |
| SHAWN M. COLLINS, The Energy Project, Director | | | | |
| [**SMC-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00077/190334-35_190222_TEP%20Exh%20SMC-1T_10-3-19.pdf) | **Shawn M. Collins** | **A** | **10/03/19** | **Responsive Testimony (21 pages)** |
| [**SMC-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00077/190334-35_190222_TEP%20Exh%20SMC-2_10-3-19.pdf) | **Shawn M. Collins** | **A** | **10/03/19** | **Professional Qualifications (3 pages)** |
| **Errata to SMC-1T** | **Shawn M. Collins** | **A** | **01/13/20** | **Errata Sheet to Exh. SMC‑1T (1 page)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
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| NW ENERGY COALITION | | | | |
| AMANDA M. LEVIN, Natural Resources Defense Council, Policy Analyst | | | | |
| [**AML-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00070/190334-35-190222-NWEC-Exh-AML-1T-10-3-19.pdf) | **Amanda M. Levin** | **A** | **10/03/19** | **Responsive Testimony (20 pages)** |
| [**AML-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00070/190334-35-190222-NWEC-Exh-AML-2-10-3-19.pdf) | **Amanda M. Levin** | **A** | **10/03/19** | **Qualifications of Amanda Levin (4 pages)** |
| [**AML-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00070/190334-35-190222-NWEC-Exh-AML-3-10-3-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00070/190334-35-190222-NWEC-Exh-AML-3-10-3-19.xlsx?Web=1) | **Amanda M. Levin** | **A** | **10/03/19** | **Attachment B of Response to UTC Staff Data Request 089 (5 pages)** |
| [**AML-4T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00106/190334-35-190222-NWEC-Exh-AML-4T-11-21-19.pdf) | **Amanda M. Levin** | **A** | **11/21/19** | **Cross-Answering Testimony (9 pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| AMY E. WHEELESS, NW Energy Coalition, Policy Associate | | | | |
| [**AEW-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00070/190334-35-190222-NWEC-Exh-AEW-1T-10-3-19.pdf) | **Amy E. Wheeless** | **A** | **10/03/19** | **Responsive Testimony (22 pages)** |
| [**AEW-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00070/190334-35-190222-NWEC-Exh-AEW-2-10-3-19.pdf) | **Amy E. Wheeless** | **A** | **10/03/19** | **Avista Response to NWEC Data Request 19, Attachment A (Washington Line Extension Tariff) (9 pages)** |
| [**AEW-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00070/190334-35-190222-NWEC-Exh-AEW-3-10-3-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00070/190334-35-190222-NWEC-Exh-AEW-3-10-3-19.xlsx?Web=1) | **Amy E. Wheeless** | **A** | **10/03/19** | **Avista Response to UTC Staff Data Request 089 (2 pages)** |
| [**AEW-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00070/190334-35-190222-NWEC-Exh-AEW-4-10-3-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00070/190334-35-190222-NWEC-Exh-AEW-4-10-3-19.xlsx?Web=1) | **Amy E. Wheeless** | **A** | **10/03/19** | **Calculation of Grossed Up Rate of Return with Proposed Rate Case Figures (1 page)** |
| [**AEW-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-5-10-3-19.pdf) | **Amy E. Wheeless** | **A** | **10/03/19** | **Avista Response to NWEC Data Request 20, Attachment D (6 pages)** |
| [**AEW-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-6-10-3-19.pdf) | **Amy E. Wheeless** | **A** | **10/03/19** | **Avista Response to NWEC Data Request 20, Attachment E (8 pages)** |
| [**AEW-7**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-7-10-3-19.pdf) | **Amy E. Wheeless** | **A** | **10/03/19** | **Avista Response to NWEC Data Request 19, Attachment B (Idaho Line Extension Tariff) (5 pages)** |
| [**AEW-8**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-8-10-3-19.pdf) | **Amy E. Wheeless** | **A** | **10/03/19** | **Avista Response to NWEC Data Request 19, Attachment C (Oregon Line Extension Tariff) (6 pages)** |
| [**AEW-9**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-9-10-3-19.pdf) | **Amy E. Wheeless** | **A** | **10/03/19** | **Avista Response to NWEC Data Request 42 (1 page)** |
| [**AEW-10**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-10-10-3-19.pdf) | **Amy E. Wheeless** | **A** | **10/03/19** | **Avista Response to UTC Staff Data Request 086 (1 page)** |
| [**AEW-11**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-11-10-3-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-11-10-3-19.xlsx?Web=1) | **Amy E. Wheeless** | **A** | **10/03/19** | **Avista Response to NWEC Data Request 41, Attachment A (Washington) (1 page)** |
| [**AEW-12**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-12-10-3-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-12-10-3-19.xlsx?Web=1) | **Amy E. Wheeless** | **A** | **10/03/19** | **Avista Response to NWEC Data Request 41, Attachment B (Oregon) (2 pages)** |
| [**AEW-13**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-13-10-3-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-13-10-3-19.xlsx?Web=1) | **Amy E. Wheeless** | **A** | **10/03/19** | **Avista Response to NWEC Data Request 41, Attachment C (Idaho) (1 page)** |
| [**AEW-14**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-14-10-3-19.pdf)[**.xls**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-14-10-3-19.xlsx?Web=1) | **Amy E. Wheeless** | **A** | **10/03/19** | **Summary of Residential Line Extension Data, 2009-2018 (3 pages)** |
| [**AEW-15**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-15-10-3-19.pdf) | **Amy E. Wheeless** | **A** | **10/03/19** | **Avista Response to NWEC Data Request 22 (2 pages)** |
| [**AEW-16**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-AEW-16-10-3-19.pdf) | **Amy E. Wheeless** | **A** | **10/03/19** | **Response to NWEC Data Request 23, Attachment B (62 pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
|  |  |  |  |  |
| WENDY M. GERLITZ, NW Energy Coalition, Policy Director | | | | |
| [**WMG-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-WMG-1T-10-3-19.pdf) | **Wendy M. Gerlitz** | **A** | **10/03/19** | **Responsive Testimony (20 pages)** |
| [**WMG-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-WMG-2-10-3-19.pdf) | **Wendy M. Gerlitz** | **A** | **10/03/19** | **Avista Response to NWEC Data Request 15 (1 page)** |
| [**WMG-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-WMG-3-10-3-19.pdf) | **Wendy M. Gerlitz** | **A** | **10/03/19** | **Avista Response to NWEC Data Request 18 (1 page)** |
| [**WMG-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00071/190334-35-190222-NWEC-Exh-WMG-4-10-3-19.pdf) | **Wendy M. Gerlitz** | **A** | **10/03/19** | **Clean Energy Works, *What is Inclusive Financing and Why Are Some of the***  ***Largest States in the Country Calling for it Now?* (2 pages)** |
| CROSS-EXAMINATION EXHIBITS | | | | |
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| SIERRA CLUB | | | | |
| EZRA D. HAUSMAN, Ph.D., Ezra Hausman Consulting | | | | |
| [**EDH-1T**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00078/UE-190334%20et%20al.%20-%20Exh.%20EDH-1T_Sierra%20Club%20Response%20Testimony%20of%20Hausman%20%202019-10-03.pdf) | **Ezra D. Hausman, Ph.D.** | **A** | **10/03/19** | **Responsive Testimony (24 pages)** |
| [**EDH-2**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00078/UE-190334%20et%20al.%20-%20Exhibit%20EDH-2_Ezra%20Hausman%20Resume.pdf) | **Ezra D. Hausman, Ph.D.** | **A** | **10/03/19** | **Resume (12 pages)** |
| [**EDH-3**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00078/UE-190334%20et%20al.%20-%20Exhibit%20EDH-3_IRP17_AppK_083017.pdf) | **Ezra D. Hausman, Ph.D.** | **A** | **10/03/19** | **Puget Sound Energy 2017 IRP Appendix K (17 pages)** |
| [**EDH-4**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00078/UE-190334%20et%20al.%20-%20Exhibit%20EDH-4_SC_PR_1-5.pdf) | **Ezra D. Hausman, Ph.D.** | **A** | **10/03/19** | **Avista Response to Sierra Club Production Request 1-5, Idaho Public Utilities Commission Case Nos. AVU-E-17-01 and AVUG-17-01 (2 pages)** |
| [**EDH-5**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00078/UE-190334%20et%20al.%20-%20Exhibit%20EDH-5_SC_PR_3-6.pdf) | **Ezra D. Hausman, Ph.D.** | **A** | **10/03/19** | **Avista Response to Sierra Club Production Request 3-6, Idaho Public Utilities Commission Case Nos. AVU-E-17-01 and AVUG-17-01 (2 pages)** |
| [**EDH-6**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00078/UE-190334%20et%20al.%20-%20Exhibit%20EDH-6_SC-DR-012.pdf) | **Ezra D. Hausman, Ph.D.** | **A** | **10/03/19** | **Avista Response to Sierra Club Data Request SC-012 (1 page)** |
| [**EDH-7**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00078/UE-190334%20et%20al.%20-%20Exhibit%20EDH-7_SC-DR-013.pdf) | **Ezra D. Hausman, Ph.D.** | **A** | **10/03/19** | **Avista Response to Sierra Club Data Request SC-013 (1 page)** |
| [**EDH-8**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00078/UE-190334%20et%20al.%20-%20Exhibit%20EDH-8_SC-DR-014.pdf) | **Ezra D. Hausman, Ph.D.** | **A** | **10/03/19** | **Avista Response to Sierra Club Data Request SC-014 (1 page)** |
| [**EDH-9**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00078/UE-190334%20et%20al.%20-%20Exhibit%20EDH-9_SC-DR-014%20-%20Revised.pdf) | **Ezra D. Hausman, Ph.D.** | **A** | **10/03/19** | **Avista Response to Sierra Club Data Request SC-014 Revised (1 page)** |
| [**EDH-10**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00078/UE-190334%20et%20al.%20-%20Exhibit%20EDH-10_SC-DR-019.pdf) | **Ezra D. Hausman, Ph.D.** | **A** | **10/03/19** | **Avista Response to Sierra Club Data Request SC-019 (1 page)** |
| [**EDH-11**](http://apps.utc.wa.gov/apps/cases/2019/190334/Filed%20Documents/00078/UE-190334%20et%20al.%20-%20Exhibit%20EDH-11_SC-DR-017.pdf) | **Ezra D. Hausman, Ph.D.** | **A** | **10/03/19** | **Avista Response to Sierra Club Data Request SC-017 (1 page)** |
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