

January 8, 2018

VIA HAND DELIVERY AND ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

RE: Docket 4770 - Application of The Narragansett Electric Company d/b/a National Grid for Approval of a Change in Electric and Gas Base Distribution Rates Responses to Division Data Requests – Set 1

Dear Ms. Massaro:

Enclosed is an original and one copy of the Company's¹ response to Division 1-23 of the first set of data requests issued by the Division of Public Utilities and Carriers (Division) in the above-referenced docket. At the request of the Public Utilities Commission (PUC), the Company is also enclosing a table of contents indicating where each response can be found in the set.

This filing includes a Motion for Protective Treatment of Confidential Information in accordance with Rule 1.2(g) of the PUC's Rules of Practice and Procedure and R.I. Gen. Laws § 38-2-2(4)(B) for the Company's response to data request Division 1-23. The Company seeks protection from public disclosure of certain confidential information contained in Attachment DIV 1-23-5. Accordingly, the Company has provided the PUC with one complete, unredacted copy of the confidential document in a sealed envelope marked "**Contains Privileged and Confidential Information – Do Not Release,**" and has included redacted copies of this document for the public filing.

Because of the voluminous nature of this filing, the Company is also including a USB Flash Drive containing the public version of this filing.

The enclosed response completes the Division's first set of data requests, as indicated in the enclosed discovery log.

Thank you for your attention to this transmittal. If you have any questions, please contact me at 781-907-2153.

Very truly yours,



¹ The Narragansett Electric Company d/b/a National Grid (the Company).

Luly E. Massaro, Commission Clerk
Responses to Division Data Requests – Set 1
January 8, 2018
Page 2 of 2

Celia B. O'Brien

Enclosures

cc: Docket 4770 Service List
Macky McCleary, Division
Jonathan Schrag, Division
Steve Scialabba, Division
John Bell, Division
Leo Wold, Esq.

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
BEFORE THE PUBLIC UTILITIES COMMISSION**

IN RE: THE NARRAGANSETT ELECTRIC COMPANY)
d/b/a NATIONAL GRID – ELECTRIC AND GAS) Docket No. 4770
DISTRIBUTION RATE FILING)
_____)

**THE COMPANY’S MOTION
FOR PROTECTIVE TREATMENT OF CONFIDENTIAL INFORMATION**

The Company¹ respectfully requests that the Rhode Island Public Utilities Commission (PUC) provide confidential treatment and grant protection from public disclosure of certain confidential, competitively sensitive, and proprietary information submitted in this proceeding, as permitted by PUC Rule 1.2(g) and R.I. Gen. Laws. § 38-2-2(4)(B). The Company also requests that, pending entry of that finding, the PUC preliminarily grant the Company’s request for confidential treatment pursuant to Rule 1.2(g)(2).

I. BACKGROUND

On January 8, 2018, the Company filed responses to the Rhode Island Division of Public Utilities and Carriers’ (the Division) First Set of Data Requests of the Division of Public Utilities and Carriers to National Grid dated December 19, 2017 (Division Set 1). Division Set 1 includes Data Request Division 1-23 (seeking documents created or used in the preparation of the 2016 Gas Depreciation Study). The Company’s response to Division 1-23 includes a redacted and un-redacted version of Attachment DIV 1-23-5. This attachment contains confidential Critical Energy Infrastructure Information (CEII), as well as confidential and proprietary business information. Therefore, the Company

¹ The Narragansett Electric Company d/b/a National Grid (the Company).

requests that, pursuant to Rule 1.2(g), the PUC afford confidential treatment to the information contained in the un-redacted version of Attachment DIV 1-23-5.

II. LEGAL STANDARD

PUC Rule 1.2(g) provides that access to public records shall be granted in accordance with the Access to Public Records Act (APRA), R.I. Gen. Laws § 38-2-1, *et seq.* Under the APRA, all documents and materials submitted in connection with the transaction of official business by an agency is deemed to be a “public record,” unless the information contained in such documents and materials falls within one of the exceptions specifically identified in R.I. Gen. Laws § 38-2-2(4). Therefore, to the extent that information provided to the PUC falls within one of the designated exceptions to the public records law, the PUC has the authority under the terms of the APRA to deem such information to be confidential and to protect that information from public disclosure.

In that regard, R.I. Gen. Laws § 38-2-2(4)(B) provides that the following types of records shall not be deemed public:

Trade secrets and commercial or financial information obtained from a person, firm, or corporation which is of a privileged or confidential nature.

The Rhode Island Supreme Court has held that this confidential information exemption applies where disclosure of information would be likely either to (1) impair the Government’s ability to obtain necessary information in the future; or (2) cause substantial harm to the competitive position of the person from whom the information was obtained. Providence Journal Company v. Convention Center Authority, 774 A.2d 40 (R.I. 2001).

The first prong of the test is satisfied when information is voluntarily provided to the governmental agency and that information is of a kind that would customarily not be

released to the public by the person from whom it was obtained. Providence Journal, 774 A.2d at 47.

III. BASIS FOR CONFIDENTIALITY

The information contained in the un-redacted versions of Attachment DIV 1-23-5 should be protected from public disclosure for two reasons. First, the information includes CEII, which is information that should not be publicly available because to do so would create security risks for the integrity of the distribution system and jeopardize the Company's ability to provide safe and reliable service. Second, the attachment contains confidential and proprietary information relating to the Company's business operations. Public disclosure of this information would negatively impact the Company's ability to effectively operate to provide safe and reliable service to its customers. Therefore, the Company is providing the un-redacted version of Attachment DIV 1-23-5 to the PUC on a voluntary basis to assist the PUC with its decision-making in this proceeding, but respectfully requests that the PUC provide confidential treatment to these attachments.

IV. CONCLUSION

Accordingly, the Company respectfully requests that the PUC grant protective treatment to the un-redacted version of Attachment DIV 1-23-5.

WHEREFORE, the Company respectfully requests that the PUC grant this Motion for Protective Treatment.

Respectfully submitted,

**THE NARRAGANSETT ELECTRIC
COMPANY**

By its attorneys,



Celia B. O'Brien, Esq. (RI #4484)
National Grid
280 Melrose Street
Providence, RI 02907
(781) 907-2153



Adam M. Ramos, Esq. (RI #7591)
Hinckley, Allen & Snyder LLP
100 Westminster Street, Suite 1500
Providence, RI 02903-2319
(401) 457-5164

Dated: January 8, 2018

Certificate of Service

I hereby certify that a copy of the cover letter and/or any materials accompanying this certificate were electronically transmitted and/or hand delivered to the individuals listed below.

Najat Coye

January 8, 2018
Date

Docket No. 4770 - National Grid – Rate Application
Service list updated 1/3/2018

Name/Address	E-mail Distribution List	Phone
National Grid Celia O'Brien, Esq. Jennifer Hutchinson, Esq. National Grid 280 Melrose St. Providence, RI 02907	Celia.obrien@nationalgrid.com ;	781-907-2153 401-784-7288
	Jennifer.hutchinson@nationalgrid.com ;	
	Najat.coye@nationalgrid.com ;	
	Joanne.scanlon@nationalgrid.com ;	
	Bill.Malee@nationalgrid.com ;	
	Melissa.little@nationalgrid.com ;	
	William.richer@nationalgrid.com ;	
	Theresa.burns@nationalgrid.com ;	
	Ann.leary@nationalgrid.com ;	
	Scott.mccabe@nationalgrid.com ;	
	Najat.coye@nationalgrid.com ;	
	kayte.o'neil2@nationalgrid.com ;	
Timothy.roughan@nationalgrid.com ;		
Adam Ramos, Esq. Hinckley Allen Hinckley Allen 100 Westminster Street, Suite 1500 Providence, RI 02903-2319	aramos@hinckleyallen.com ;	401-457-5164
Division of Public Utilities (Division) Leo Wold, Esq. Dept. of Attorney General 150 South Main St. Providence, RI 02903	Lwold@riag.ri.gov ;	404-274-4400
	Jmunoz@riag.ri.gov ;	
	Dmacrae@riag.ri.gov ;	
Steve Scialabba, Chief Accountant Division of Public Utilities 89 Jefferson Blvd. Warwick, RI 02888	Steve.scialabba@dpuc.ri.gov ;	401-780-2140
	Macky.McCleary@dpuc.ri.gov ;	
	Jonathan.Schrag@dpuc.ri.gov ;	
	John.bell@dpuc.ri.gov ;	
	Al.mancini@dpuc.ri.gov ;	
	Thomas.kogut@dpuc.ri.gov ;	
	Aliza.wasserman@dpuc.ri.gov ;	
Joseph.shilling@dpuc.ri.gov ;		
Tim Woolf Jennifer Kallay	twoolf@synapse-energy.com ;	617-661-3248

Synapse Energy Economics 22 Pearl Street Cambridge, MA 02139	jkallay@synapse-energy.com ;	
	mwhited@synapse-energy.com ;	
	jhall@synapse-energy.com ;	
David Effron Berkshire Consulting 12 Pond Path North Hampton, NH 03862-2243	Djeffron@aol.com ;	603-964-6526
Bruce Oliver Tim Oliver Revilo Hill Associates 7103 Laketree Drive Fairfax Station, VA 22039	Boliver.rha@verizon.net ;	703-569-6480
	tim.b.oliver@gmail.com ;	
Matt Kahal 1108 Pheasant Crossing Charlottesville, VA 22901	mkahal@exeterassociates.com ;	434-964-0604
Ronald Gerwatowski	gerwat@verizon.net ;	508-259-7963
M. Ballaban LaCapra Associates	mballaban@daymarkea.com ;	
T. Bennett S. Bobo Daymark Energy Advisors	tbennett@daymarkea.com ;	
	sbobo@daymarkea.com ;	
William Dunkel and Associates 8625 Farmington Cemetery Road Pleasant Plains, IL 62677	WilliamDunkel@consultant.com ;	217-626-1934
	RoxieMcCullar@consultant.com ;	
Office of Energy Resources (OER) Andrew Marcaccio, Esq. Dept. of Administration Division of Legal Services One Capitol Hill, 4 th Floor Providence, RI 02908	Andrew.Marcaccio@doa.ri.gov ;	401-222-8880
Carol Grant, Commissioner Office of Energy Resources	Carol.grant@energy.ri.gov ;	401-574-9100
	Christopher.Kearns@energy.ri.gov ;	
	Danny.Musher@energy.ri.gov ;	
	Nicholas.Ucci@energy.ri.gov ;	
	Becca.Trietch@energy.ri.gov ;	
Conservation Law Foundation (CLF) Jerry Elmer, Esq. Max Greene, Esq. Conservation Law Foundation 235 Promenade Street Suite 560, Mailbox 28 Providence, RI 02908	jelmer@clf.org ;	401-228-1904
mgreene@clf.org ;		
Dept. of Navy (DON) Kelsey A. Harrer, Esq. Office of Counsel NAVFAC Atlantic, Department of the Navy 6506 Hampton Blvd. Norfolk, VA 23508-1278	kelsey.a.harrer@navy.mil ;	757-322-4119

Kay Davoodi, Director Larry R. Allen, Public Utilities Specialist Utilities Rates and Studies Office NAVFAC HQ, Department of the Navy 1322 Patterson Avenue SE Suite 1000 Washington Navy Yard, D.C. 20374	khojasteh.davoodi@navy.mil ; larry.r.allen@navy.mil ;	
Original & 9 copies file w/: Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	Luly.massaro@puc.ri.gov ; Cynthia.WilsonFrias@puc.ri.gov ; Alan.nault@puc.ri.gov ; Todd.bianco@puc.ri.gov ; Margaret.hogan@puc.ri.gov ;	401-780-2107
Interested Persons		
EERMC Marisa Desautel, Esq . Kate Desrochers	marisa@desautelesq.com ; guerard@optenergy.com ; kdesrochers@veic.org ; loiter@optenergy.com ;	401-477-0023
Bob Chatham	bchatham@vcharge-energy.com ;	401-742-8264
John DiTomasso, AARP	jditomasso@aarp.org ;	401-248-2655
Frank Epps, EDP	Frank@edp-energy.com ;	
Matt Davey	mdavey@ssni.com ;	
NECEC Janet Besser Jamie Dickerson	jbesser@necec.org ; jdickerson@necec.org ;	
John DiTomasso, AARP	jditomasso@aarp.org ;	401-248-2655
Jesse Reyes	JReyes@brownrudnick.com ;	
Larry Allen, Dept. of Navy	Larry.r.allen@navy.mil ;	
George Wiley Center Camilo Viveiros Chloe Chassaing	georgewileycenterri@gmail.com ; Camiloviveiros@gmail.com ; chloechassaing@hotmail.com ;	
Acadia Center Erika Niedowski Mark Lebel Amy Boyd	ENiedowski@acadiacenter.org ; Mlebel@acadiacenter.org ; Aboyd@acadiacenter.org ;	401-276-0600
Kat Burnham, PPL	kat@ripower.org ;	401-861-6111
Nathan Phelps	nathan@votesolar.org ;	
Seth H. Handy, Esq. Handy Law, LLC	seth@handylawllc.com ;	401-626-4839
John Willumsen-Friedman, Esq. Center for Justice	jwillumsen@centerforjustice.org ;	
Douglas W. Gablinske, The Energy Council of RI (TEC-RI)	doug@tecri.org ;	
Karl Rabago	krabago@law.pace.edu ;	

Docket No. 4770
First Set of Data Requests of the
Division of Public Utilities and Carriers to National Grid
January 7, 2018

RE: Schedule NWA-2 Electric (2016 Electric Depreciation Study)

1-1 Provide the workpapers that support NWA-2 Electric (2016 Electric Depreciation Study). When possible, provide the work papers and other documents requested electronically in Excel (or in text delimited format if not available in Excel.)

Response can be found in Book 1 part 1.

1-2 Provide any documents created or used during the preparation of the NWA-2 Electric (2016 Electric Depreciation Study) showing any discussions had with Company personnel pertaining to the life or net salvage, or issues that impact life or net salvage. Include any trip notes and photographs if there was a field visit(s), and state the date of the field visit(s).

Response can be found in Book 1 part 1 through part 3.

1-3 Page 61 (page 34 of 222) of NWA-2 Electric (2016 Electric Depreciation Study) discusses a field trip. Please provide copies of notes, photos taken or documents received from the company as a result of this field trip.

Response can be found in Book 2 on Bates page(s) 1.

1-4 Page 71 (page 44 of 222) of NWA-2 Electric (2016 Electric Depreciation Study) states “Amortization accounting is proposed for a number of accounts ...” Are these General Plant Accounts 391, 393, 394, 395, 397, and 398 currently depreciated using amortization accounting?

Response can be found in Book 2 on Bates page(s) 2.

1-5 Part VII NWA-2 Electric (2016 Electric Depreciation Study) includes the Service Life Statistics by account. Pages 80-164 (pages 53-137 of 222) do not indicate which account the data is from, please provide revised pages that include a heading indicating which account the data is from.

Response can be found in Book 2 on Bates page(s) 3 – 225.

1-6 Part VII NWA-2 Electric (2016 Electric Depreciation Study) includes the Service Life Statistics by account.

(a) Please provide a complete copy of the depreciation database which was used in the Service Life Statistics. This should include (but not necessarily be limited to) the transaction amount, account/subaccount number (leave in the account/subaccount name and any account/subaccount description that is on the file), transaction type, vintage year, and transaction year. Provide the meaning of any codes (transaction codes, location codes,

account codes, etc.) used in these files. Please provide the database requested electronically in Excel (or in text delimited format if not available in Excel.)

(b) Were any amounts that were booked excluded from the Service Life Statistics data shown in part VII of NWA-2 Electric (2016 Electric Depreciation Study)?

(c) Were any amounts included in the amounts in the Service Life Statistics data shown in part VII of NWA-2 Electric (2016 Electric Depreciation Study) not booked amounts?

(d) If the response to either (b) or (c) is yes, provide the booked amounts, reconcile the difference between the booked amounts and the amounts shown in part VII of NWA-2 Electric (2016 Electric Depreciation Study), and explain the reason for the adjustment or discrepancy.

Response can be found in Book 3 part 1 through part 4.

1-7 Part VIII of NWA-2 Electric (2016 Electric Depreciation Study) includes Net Salvage Statistics by account. Pages 166-182 (pages 139-155 of 222) do not indicate which account the data is from, please provide revised pages that include a heading indicating which account the data is from.

Response can be found in Book 4 on Bates page(s) 1.

1-8 Part VIII of NWA-2 Electric (2016 Electric Depreciation Study) includes Net Salvage Statistics by account.

(a) Please provide a complete copy of the database which was used in the Net Salvage Statistics. This should include (but not necessarily be limited to) the transaction amount, account/subaccount number (leave in the account/subaccount name and any account/subaccount description that is on the file), transaction type, vintage year, and transaction year. Provide the meaning of any codes (transaction codes, location codes, account codes, etc.) used in these files. Please provide the database requested electronically in Excel (or in text delimited format if not available in Excel.)

(b) Were any amounts that were booked excluded from the Net Salvage Statistics data shown in part VIII of NWA-2 Electric (2016 Electric Depreciation Study)?

(c) Were any amounts included in the amounts in the Net Salvage Statistics data shown in part VIII of NWA-2 Electric (2016 Electric Depreciation Study) not booked amounts?

(d) If the response to either (b) or (c) is yes, provide the booked amounts, reconcile the difference between the booked amounts and the amounts shown in part VIII of NWA-2 Electric (2016 Electric Depreciation Study), and explain the reason for the adjustment or discrepancy.

Response can be found in Book 4 on Bates page(s) 2 – 184.

1-9 Part IX of NWA-2 Electric (2016 Electric Depreciation Study) includes remaining life calculation by account. Pages 184-249 (pages 157-222 of 222) do not indicate which

account the data is from, please provide revised pages that include a heading indicating which account the data is from.

Response can be found in Book 4 page 185.

1-10 Please provide the following in Excel for each account included in Part IX of NWA-2 Electric (2016 Electric Depreciation Study):

1. the Original Cost of plant in service by vintage,
2. the Calculated Accrued, and
3. the Allocated Book Reserve.

Response can be found in Book 5 on Bates page(s) 1 – 245.

1-11 Regarding allocating cost between cost of removal and replacement asset.

(a) In Account 364 when a pole is retired, removed, and a new pole installed in the same hole or very near to the same hole, how is the labor and equipment costs allocated between cost of removal and the replacement addition?

(b) If a percent allocator is used, please provide the workpapers or documents that support the establishment of that percent allocator.

(c) When did the company first implement the allocation procedure described in part (a)? If a different allocation procedure was used since 2006, please provide a description of the allocation method used and why the company changed the method.

(d) Please provide the same information for the other accounts included in the NWA-2 Electric (2016 Electric Depreciation Study).

Response can be found in Book 5 on Bates page(s) 246 – 248.

1-12 NWA-2 Electric (2016 Electric Depreciation Study) includes the net salvage history for Account 364 - Poles, Tower, and Fixtures.

(a) Provide the quantity of distribution poles (with or without towers does not matter) in service each year for the years 2004-2016 shown in NWA-2 Electric (2016 Electric Depreciation Study) (or as many years as available if all the years are not available).

(b) Provide the quantity of distribution poles (with or without towers does not matter) retired each year for the years 2004-2016 shown in NWA-2 Electric (2016 Electric Depreciation Study) (or as many years as available if all the years are not available).

(c) During the years for which information is provided in response to parts (a) and (b), did the Company significantly change its geographical distribution service area (merge with another utility, acquire another utility, sell some distribution service area, etc.)? (By “significantly” please include any such change that could reasonably be expected to alter the quantity in service by more than 10%).

(d) For each change provided in response to part (c), provide the date of that change, indicate if this added to or removed from the Company’s geographical distribution service

area, and provide the number of customers prior to that change and the number of customers after that change.

(e) For each change provided in response to part (c), provide any information reasonably available showing the size of the geographic distribution area served by the Company prior to that, and separately after that change. If the size of these two geographic distribution areas is available (i.e. 123,435 square miles, etc.), provide them.

(f) When possible, provide the workpapers and other documents requested electronically in Excel (or in text delimited format if not available in Excel.)

Response can be found in Book 5 on Bates page(s) 249 – 251.

1-13 NWA-2 Electric (2016 Electric Depreciation Study) includes the net salvage history for Account 369 - Services.

(a) Please provide a description of a retirement unit for Account 369 - Services. Please provide this information separately for overhead and underground services.

(b) As of December 31, 2016, how many units were in service using the retirement unit definition provided in response to part (a). If available, please provide the information separately for overhead and underground services.

(c) Separately for each year 2004-2016 shown in NWA-2 Electric (2016 Electric Depreciation Study), how many units were in service using the retirement unit definition provided in response to part (a) (or as many years as available if all the years are not available). If available, please provide the information separately for overhead and underground services.

(d) Separately for each year 2004-2016 shown in NWA-2 Electric (2016 Electric Depreciation Study), how many units were retired each year for the years 2004-2016 using the retirement unit definition provided in response to part (a) (or as many years as available if all the years are not available). If available, please provide the information separately for overhead and underground services.

(e) During the years for which information is provided in response to parts (b) and (c), did the Company significantly change its geographical distribution service area (merge with another utility, acquire another utility, sell some distribution service area, etc.)? (By “significantly” please include any such change that could reasonably be expected to alter the quantity in service by more than 10%).

(f) For each change provided in response to part (e), provide the date of that change, indicate if this added to or removed from the Company’s geographical distribution service area, and provide the number of customers prior to that change and the number of customers after that change.

(g) For each change provided in response to part (e), provide any information reasonably available showing the size of the geographic distribution area served by the Company

prior to that, and separately after that change. If the size of these two geographic distribution areas is available (i.e. 123,435 square miles, etc.), provide them.

(h) When possible, provide the workpapers and other documents requested electronically in Excel (or in text delimited format if not available in Excel.)

Response can be found in Book 5 on Bates page(s) 252 – 255.

1-14 NWA-2 Electric (2016 Electric Depreciation Study) includes the net salvage history for Account 369 - Services.

(a) Is it a correct statement that the underground services in account 369 are generally retired in place? If this is not a correct statement, provide the corrected statement and the support for the corrected statement.

(b) In total for the years 2012-2016, were at least 75% of the underground services in account 369 that retired during those years retired in place? If this is not a correct statement, provide the corrected statement and the support for the corrected statement.

(c) In total for the years 2012-2016, what percent of the underground services in account 369 that were retired during those years retired in place?

(d) If the response to part (b) is something other than an unqualified affirmative, explain the most frequent reason that the underground services were not retired in place, and explain how they were physically retired (for example dug up the entire length and physically removed).

Response can be found in Book 5 on Bates page(s) 256 – 257.

1-15 Provide a copy of the Company's FERC Form 1 separately for each of the years 2012, 2013, 2014, 2015, and 2016.

Response can be found in Book 6 part 1 through part 5.

1-16 Provide a copy of the Company's annual report filed with the Commission separately for each of the years 2012, 2013, 2014, 2015, and 2016.

Response can be found in Book 7 on Bates page(s) 1.

1-17 Regarding current approved depreciation rates.

(a) Please provide the currently approved: (1) probable retirement date; (2) survivor curve; (3) future net salvage percent; and (4) depreciation rate for each account shown on pages 76-78 (49-51 of 222) of NWA-2 Electric (2016 Electric Depreciation Study).

(b) Please provide a copy of the Commission Order that approved the depreciation rates and parameters provided in response to part (a) of this request.

(c) If possible, please provide the documents requested in part (a) electronically in Excel.

Response can be found in Book 7 on Bates page(s) 2 – 212.

1-18 Please provide a comparison between the most recently approved depreciation rates and the depreciation rates proposed in NWA-2 Electric (2016 Electric Depreciation Study) using the same accounts and investment amounts shown on pages 76-78 (49-51 of 222) of NWA-2 Electric (2016 Electric Depreciation Study). Please provide the comparison requested electronically in Excel.

Response can be found in Book 7 on Bates page(s) 213 – 215.

1-19 Page 78 (51 of 222) of NWA-2 Electric (2016 Electric Depreciation Study) includes a note that states: “** 5 year Amortization of Adjusted Reserve related to implementation of Amortization Accounting.”

(a) Please provide the support for the 5-year amortization period.

(b) Has this 5-year amortization period been approved by the Commission? If so, please provide a specific reference to the docket and page in the Order that approved the use of the “5 year Amortization of Adjusted Reserve related to implementation of Amortization Accounting.”

Response can be found in Book 7 on Bates page(s) 216.

1-20 Page 78 (51 of 222) of NWA-2 Electric (2016 Electric Depreciation Study) includes Book Reserve amounts for “Reserve Adjustment for Amortization.”

(a) How are the book reserve amounts for “reserve adjustment for amortization” calculated?

(b) Please provide workpapers that support the book reserve amounts for “reserve adjustment for amortization.” If possible, provide the workpapers and other documents requested electronically in Excel (or in text delimited format if not available in Excel.)

Response can be found in Book 7 on Bates page(s) 217.

1-21 Please provide a brief description of the assets in each account included in NWA-2 Electric (2016 Electric Depreciation Study).

Response can be found in Book 7 on Bates page(s) 218 – 254.

RE: Schedule NWA-2 Gas (2016 Gas Depreciation Study)

1-22 Provide the workpapers that support NWA-2 Gas (2016 Gas Depreciation Study). When possible, provide the work papers and other documents requested electronically in Excel (or in text delimited format if not available in Excel.)

Response can be found in Book 7 on Bates page(s) 255.

- 1-23 Provide any documents created or used during the preparation of the NWA-2 Gas (2016 Gas Depreciation Study) showing any discussions had with Company personnel pertaining to the life or net salvage, or issues that impact life or net salvage. Include any trip notes and photographs if there was a field visit(s), and state the date of the field visit(s).

Response can be found in Book 8 part 1 through part 2.

- 1-24 Page 61 (page 34 of 203) of NWA-2 Gas (2016 Gas Depreciation Study) discusses a field trip. Please provide copies of notes, photos taken or documents received from the Company as a result of this field trip.

Response can be found in Book 9 on Bates page(s) 1.

- 1-25 Page 71 (page 44 of 203) of NWA-2 Gas (2016 Gas Depreciation Study) states “Amortization accounting is proposed for a number of accounts ...” Are these General Plant Accounts 376.04, 376.17, 379.01, 381.40, 385.01, 386.02, 391.10, 394.00, 395.00, 397.42, and 398.00 currently depreciated using amortization accounting?

Response can be found in Book 9 on Bates page(s) 2.

- 1-26 Part VII of NWA-2 Gas (2016 Gas Depreciation Study) includes the Service Life Statistics by account.

(a) Please provide a complete copy of the depreciation database which was used in the Service Life Statistics. This should include (but not necessarily be limited to) the transaction amount, account/subaccount number (leave in the account/subaccount name and any account/subaccount description that is on the file), transaction type, vintage year, and transaction year. Provide the meaning of any codes (transaction codes, location codes, account codes, etc.) used in these files. Please provide the database requested electronically in Excel (or in text delimited format if not available in Excel.)

(b) Were any amounts that were booked excluded from the Service Life Statistics data shown in part VII of NWA-2 Gas (2016 Gas Depreciation Study)?

(c) Were any amounts included in the amounts in the Service Life Statistics data shown in part VII of NWA-2 Gas (2016 Gas Depreciation Study) not booked amounts?

(d) If the response to either (b) or (c) is yes, provide the booked amounts, reconcile the difference between the booked amounts and the amounts shown in part VII of NWA-2 Gas (2016 Gas Depreciation Study), and explain the reason for the adjustment or discrepancy.

Response can be found in Book 9 on Bates page(s) 3 – 142.

- 1-27 Part VIII of NWA-2 Gas (2016 Gas Depreciation Study) includes Net Salvage Statistics by account.

(a) Please provide a complete copy of the database which was used in the Net Salvage Statistics. This should include (but not necessarily be limited to) the transaction amount, account/subaccount number (leave in the account/subaccount name and any

account/subaccount description that is on the file), transaction type, vintage year, and transaction year. Provide the meaning of any codes (transaction codes, location codes, account codes, etc.) used in these files. Please provide the database requested electronically in Excel (or in text delimited format if not available in Excel.)

(b) Were any amounts that were booked excluded from the Net Salvage Statistics data shown in part VIII of NWA-2 Gas (2016 Gas Depreciation Study)?

(c) Were any amounts included in the amounts in the Net Salvage Statistics data shown in part VIII of NWA-2 Gas (2016 Gas Depreciation Study) not booked amounts?

(d) If the response to either (b) or (c) is yes, provide the booked amounts, reconcile the difference between the booked amounts and the amounts shown in part VIII of NWA-2 Gas (2016 Gas Depreciation Study), and explain the reason for the adjustment or discrepancy.

Response can be found in Book 9 on Bates page(s) 143 – 153.

1-28 Please provide the following in Excel for each account included in Part IX of NWA-2 Gas (2016 Gas Depreciation Study):

1. the Original Cost of plant in service by vintage,
2. the Calculated Accrued, and
3. the Allocated Book Reserve.

Response can be found in Book 9 on Bates page(s) 154 – 186.

1-29 NWA-2 Gas (2016 Gas Depreciation Study) includes the net salvage history for Account 376 - Mains.

(a) Is it a correct statement that the Mains in Account 376 are generally retired in place? If this is not a correct statement, provide the corrected statement and the support for the corrected statement.

(b) In total for the years 2012-2016, were at least 75% of the Mains in Account 376 that retired during those years retired in place? If this is not a correct statement, provide the corrected statement and the support for the corrected statement.

(c) In total for the years 2012-2016, what percent of the Mains in Account 376 that were retired during those years retired in place?

(d) If the response to part (b) is something other than an unqualified affirmative, explain the most frequent reason that the Mains were not retired in place, and explain how they were physically retired (for example dug up the entire length and physically removed).

Response can be found in Book 9 on Bates page(s) 187.

1-30 NWA-2 Gas (2016 Gas Depreciation Study) includes the net salvage history for Account 380 - Services.

(a) Please provide a description of a retirement unit for Account 380 - Services.

(b) As of December 31, 2016, how many units were in service using the retirement unit definition provided in response to part (a).

(c) Separately for each year 2005-2016 shown in NWA-2 Gas (2016 Gas Depreciation Study), how many units were in service using the retirement unit definition provided in response to part (a) (or as many years as available if all the years are not available).

(d) Separately for each year 2005-2016 shown in NWA-2 Gas (2016 Gas Depreciation Study), how many units were retired each year for the years 2004-2016 using the retirement unit definition provided in response to part (a) (or as many years as available if all the years are not available).

(e) During the years for which information is provided in response to parts (b) and (c), did the Company significantly change its geographical distribution service area (merge with another utility, acquire another utility, sell some distribution service area, etc.)? (By “significantly” please include any such change that could reasonably be expected to alter the quantity in service by more than 10%).

(f) For each change provided in response to part (e), provide the date of that change, indicate if this added to or removed from the Company’s geographical distribution service area, and provide the number of customers prior to that change and the number of customers after that change.

(g) For each change provided in response to part (e), provide any information reasonably available showing the size of the geographic distribution area served by the Company prior to that, and separately after that change. If the size of these two geographic distribution areas is available (i.e. 123,435 square miles, etc.), provide them.

(h) When possible, provide the workpapers and other documents requested electronically in Excel (or in text delimited format if not available in Excel.)

Response can be found in Book 9 on Bates page(s) 188 – 191.

1-31 NWA-2 Gas (2016 Gas Depreciation Study) includes the net salvage history for Account 380 - Services.

(a) Is it a correct statement that the Services in Account 380 are generally retired in place? If this is not a correct statement, provide the corrected statement and the support for the corrected statement.

(b) In total for the years 2012-2016, were at least 75% of the Services in Account 380 that retired during those years retired in place? If this is not a correct statement, provide the corrected statement and the support for the corrected statement.

(c) In total for the years 2012-2016, what percent of the Services in Account 380 that were retired during those years retired in place?

(d) If the response to part (b) is something other than an unqualified affirmative, explain the most frequent reason that the Services were not retired in place, and explain how they were physically retired (for example dug up the entire length and physically removed).

Response can be found in Book 9 on Bates page(s) 192.

1-32 Provide a copy of the Company's FERC Form 2 separately for each of the years 2012, 2013, 2014, 2015, and 2016.

Response can be found in Book 9 on Bates page(s) 193.

1-33 Provide a copy of the Company's annual report filed with the Commission separately for each of the years 2012, 2013, 2014, 2015, and 2016.

Response can be found in Book 10 part 1 through part 2.

1-34 Regarding current approved depreciation rates.

(a) Please provide the currently approved: (1) probable retirement date; (2) survivor curve; (3) future net salvage percent; and (4) depreciation rate for each account shown on pages 76-78 (49-51 of 203) of NWA-2 Gas (2016 Gas Depreciation Study).

(b) Please provide a copy of the Commission Order that approved the depreciation rates and parameters provided in response to part (a) of this request.

(c) If possible, please provide the documents requested in part (a) electronically in Excel.

Response can be found in Book 11 on Bates page(s) 1 – 150.

1-35 Please provide a comparison between the most recently approved depreciation rates and the depreciation rates proposed in NWA-2 Gas (2016 Gas Depreciation Study) using the same accounts and investment amounts shown on pages 76-78 (49-51 of 203) of NWA-2 Gas (2016 Gas Depreciation Study). Please provide the comparison requested electronically in Excel.

Response can be found in Book 11 on Bates page(s) 151 – 153.

1-36 Page 78 (51 of 203) of NWA-2 Gas (2016 Gas Depreciation Study) includes a note that states: “*** 5 year Amortization of Adjusted Reserve related to implementation of Amortization Accounting.”

(a) Please provide the support for the 5-year amortization period.

(b) Has this 5-year amortization period been approved by the Commission? If so, please provide a specific reference to the docket and page in the Order that approved the use of the “5 year Amortization of Adjusted Reserve related to implementation of Amortization Accounting.”

Response can be found in Book 11 on Bates page(s) 154.

1-37 Page 78 (51 of 203) of NWA-2 Gas (2016 Gas Depreciation Study) includes Book Reserve amounts for “Reserve Adjustment for Amortization.”

(a) How are the book reserve amounts for “reserve adjustment for amortization” calculated?

(b) Please provide workpapers that support the book reserve amounts for “reserve adjustment for amortization.” If possible, provide the workpapers and other documents requested electronically in Excel (or in text delimited format if not available in Excel.)

Response can be found in Book 11 on Bates page(s) 155.

1-38 Please provide a brief description of the assets in each account included in NWA-2 Gas (2016 Gas Depreciation Study).

Response can be found in Book 11 on Bates page(s) 156 – 174.