

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

**Dockets UE-170033 and UG-170034
Puget Sound Energy
2017 General Rate Case**

PUBLIC COUNSEL DATA REQUEST NO. 449

PUBLIC COUNSEL DATA REQUEST NO. 449:

RE: Rebuttal Testimony of John J. Spanos, Exh. JJS-4T at 26:9 – 27:1-2.

In the Rebuttal Testimony of PSE Witness Spanos (Exh. JJS-4T), beginning at page 26, line 9, Mr. Spanos discusses the amount of plastic mains expected to retire and states: “For this reason, many more mains should be expected to retire on an annual level in the future than has occurred in the recent past.” (Footnote omitted.)

- a. Please provide a description of a retirement unit for Account 376.2 Mains-Plastic.
- b. For Account 376.2 Mains-Plastic, provide the quantity of units (as defined in response to part (a)) in service each year for the years 1998-2015 shown on page 450 of Exh. JJS-3r (or as many years as available if all the years are not available).
- c. For Account 376.2 Mains-Plastic, provide the quantity of units (as defined in response to part (a)) retired each year for the years 1998-2015 shown on page 450 of Exh. JJS-3r (or as many years as available if all the years are not available).
- d. For Account 376.2 Mains-Plastic, please provide the cost of removal amount shown on page 450 of Exh. JJS-3r that is related to the quantity of units retired provided in response to part (c) of this request.
- e. For Account 376.2 Mains-Plastic, please provide the gross salvage amount shown on page 450 of Exh. JJS-3r that is related to the quantity of units retired provided in response to part (c) of this request.
- f. During the years for which information is provided in response to parts (a) and (b), did the Company significantly change its geographical service area (merge with another utility, acquire another utility, sell some service area, etc.)? (By “significantly” please include any such change that could reasonably be expected to alter the units as defined in response to part (a) by more than 10 percent).

- g. For each change provided in response to part (f), provide the date of that change, indicate if this added to or removed from the Company's geographical service area, and provide the number of customers prior to that change and the number of customers after that change.
- h. For each change provided in response to part (c), provide any information reasonably available showing the size of the geographic area served by the Company prior to that, and separately after that change. If the size of these two geographic areas is available (e.g. 123,435 square miles, etc.), provide them.
- i. If the information requested is not available for Account 376.2 Mains-Plastic, please provide the information requested for Accounts 376.1 thru 376.4 and 376.6 Mains, or the best detail for Mains available. Please specify which Account that information is being provided.
- j. When possible, provide the work papers and other documents requested electronically in Excel with cells and formulas intact (or in text delimited format if not available in Excel.)

Response:

- a. Account 376.2 Mains-Plastic Main Pipe is comprised of Medium Density Polyethylene and High Density Polyethylene main pipe and a retirement unit is defined as one foot of main.
- b. Attached as Attachment A to Puget Sound Energy's ("PSE") Response to Public Counsel Data Request No. 449, please find the number of units placed in service by vintage for the years 2007 to 2015. Prior year data is not readily available.
- c. Please refer to Attachment A to PSE's Response to Public Counsel Data Request No. 449 for the number of units retired by vintage for the years 2007 to 2015. Prior year data is not readily available.
- d. Attached as Attachment B to PSE's Response to Public Counsel Request No. 449, please find the cost of removal for the units retired in subpart (c).
- e. With implementation of PSE's current fixed asset accounting software in 2007, gross salvage is not maintained separately and is included in net salvage in the system. Therefore, gross salvage amounts are embedded in the amounts reflected in Attachment B to PSE's Response to Public Counsel Request No. 449 and cannot be separately reported.
- f. PSE acquired the Buckley gas system in 2014. However, the acquisition did not alter the gas plastic main units by more than 10 percent.

- g. Not Applicable.
- h. Not Applicable.
- i. Not Applicable.
- j. Please refer to Attachments A and B to PSE's Response to Public Counsel Request No. 449.

ATTACHMENT A to PSE's Response to PUBLIC COUNSEL Data Request No. 449

Gas Quantities In Service
By Vintage
(G3762 Plastic Mains)

| Year | Additions | Retirement | Transfer | In service (note 1) |
|---------------------|--------------|----------------|----------|---------------------|
| 2006 Ending Balance | | | | 41,339,541.00 |
| 2007 | 1,035,538.00 | (47,821.00) | | 42,327,258.00 |
| 2008 | 1,108,368.00 | (24,405.00) | | 43,411,221.00 |
| 2009 | 1,216,703.00 | (472,551.00) | | 44,155,373.00 |
| 2010 | 1,371,988.00 | (916,639.00) | | 44,610,722.00 |
| 2011 | 1,514,013.00 | (1,182,879.00) | | 44,941,856.00 |
| 2012 | 471,305.00 | (60,576.00) | | 45,352,585.00 |
| 2013 | 485,581.00 | (71,034.00) | | 45,767,132.00 |
| 2014 | 811,138.00 | (71,902.00) | (3.00) | 46,506,365.00 |
| 2015 Ending Balance | 619,573.00 | (187,830.00) | | 46,938,108.00 |

Note 1

1. Information is from FERC Page 514 B

ATTACHMENT B to PSE's Response to PUBLIC COUNSEL Data Request No. 449

Cost of Removal
By Vintage
(G3762 Plastic Mains)

| Year | Depreciation Group | Net Cost of Removal |
|--------------------|---------------------------|----------------------------|
| 2007 | G3762 DST Mains, Plastic | (2,165.22) |
| 2008 | G3762 DST Mains, Plastic | (306,036.09) |
| 2009 | G3762 DST Mains, Plastic | (498,326.86) |
| 2010 | G3762 DST Mains, Plastic | (295,506.63) |
| 2011 | G3762 DST Mains, Plastic | (345,904.68) |
| 2012 | G3762 DST Mains, Plastic | (1,125,895.09) |
| 2013 | G3762 DST Mains, Plastic | (899,619.57) |
| 2014 | G3762 DST Mains, Plastic | (884,006.75) |
| 2015 | G3762 DST Mains, Plastic | (570,930.64) |
| Grand Total | | (4,928,391.53) |