

# City of Newport Department of Utilities



**THE CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION**

**MULTI-YEAR RATE PLAN COMPLIANCE FILING AND  
NOTICE OF CHANGE IN RATES PURSUANT TO R.I.G.L. § 39-15.1-4**

**BEFORE THE**

**RHODE ISLAND PUBLIC UTILITIES COMMISSION**

**DOCKET NO. 4933**

**APRIL 2022**

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

**IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION**

**DOCKET NO: 4933**

**MULTI-YEAR RATE PLAN COMPLIANCE FILING AND  
NOTICE OF CHANGE IN RATES PURSUANT TO R.I.G.L. § 39-15.1-4**

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April 29, 2022

The Honorable Ronald T. Gerwatowski, Chairman  
State of Rhode Island  
Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**RE: *City of Newport, Utilities Department, Water Division  
Multi-Year Rate Plan Compliance Filing And  
Notice Of Change In Rates Pursuant To R.I.G.L. § 39-15.1-4***

Dear Chairman Gerwatowski:

Enclosed herewith please find an original and nine (9) copies of a Multi-Year Rate Plan Compliance Filing And Notice Of Change In Rates Pursuant To R.I.G.L. § 39-15.1-4 filed by the City of Newport, Utilities Department, Water Division (“Newport Water”).

This filing includes pre-filed testimony and a proposed public notice. Please note that the proposed notice is a joint notice of both this filing and Newport Water’s Miscellaneous Petition To Recover Electronic Payment Fees, which has been filed simultaneously on this date. I would respectfully ask that your staff immediately review the proposed notice so that it can be published as soon as possible.

Also, please note that an electronic copy of this filing has been provided to the service list from Newport Water’s most recent rate filing, Docket 4933, and a hard copy has also been mailed to the Rhode Island Attorney General’s Office.

The following individuals should receive all correspondence related to this matter: Robert C. Schultz, Jr., City of Newport, Director of Utilities, 70 Halsey Street, Newport, Rhode Island 02840, and Joseph A. Keough, Jr., Esquire, Keough + Sweeney, 41 Mendon Avenue, Pawtucket, Rhode Island 02861. Joseph A. Keough, Jr. will act as legal counsel for Newport Water and will represent the utility in all matters concerning this filing.

Thank you for your attention to these matters.

Sincerely,

A handwritten signature in cursive script, appearing to read "Joseph A. Keough, Jr.", written in black ink.

Joseph A. Keough, Jr.

Enclosure

cc: Rhode Island Attorney General's Office via regular mail  
Newport Water Docket 4933 Service List via electronic mail

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

**IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION**

**DOCKET NO: 4933**

**MULTI-YEAR RATE PLAN COMPLIANCE FILING AND  
NOTICE OF CHANGE IN RATES PURSUANT TO R.I.G.L. § 39-15.1-4**

Now comes the City Of Newport, Utilities Department, Water Division (“Newport Water” or “Newport”), and pursuant to R.I.G.L. §39-15.1-4, hereby gives the Rhode Island Public Utilities Commission (“Commission”) notice of its proposed change in rates in conformance with the multi-year rate plan authorized by the Commission in Order Number 23855 (as amended). In support of its proposed change in rates, Newport Water states as follows:

1. On February 13, 2019, Newport Water filed an application for a general rate increase (Docket 4933).
2. In its application, Newport Water proposed a multi-year rate plan pursuant to R.I.G.L. §39-15.1-4.
3. The first phase (“Step One”) of the increase took effect in Fiscal Year (“FY”) 2020, and the second phase (“Step Two”) was to take effect in FY 2022, subject to a compliance filing as required by R.I.G.L. § 39-15.1-4.
4. The Step One increase was driven primarily by a decrease in consumption and an increase in operation and maintenance expenses, and the Step Two increase was required to service debt on approximately \$7,441,000 of borrowings through the Rhode Island Infrastructure Bank (“RIIB”) to fund system wide main improvements.
5. The parties in Docket 4933 entered into a revised settlement agreement, and through a written order (No. 23855), the Commission approved Newport Water’s two-step increase, subject to a compliance filing.
6. As part of the Commission’s Order, it also directed Newport Water to implement true “cost-of-service” based rates for each customer class, including Newport Water’s two wholesale customers – the United States Navy and the Portsmouth Water and Fire District.
7. However, the Commission ordered that true cost-of-service rates be implemented gradually.

8. The Step One increase moved rates half-way toward true cost-of-service, and the Step Two increase sets rates at true cost-of-service.
9. On March 30, 2021, Newport Water filed a Petition to Amend Multi-Year Rate Plan Pursuant To R.I.G.L. § 39-15.1-4(d) seeking to postpone the Step Two Increase for one year from July 1, 2021 (for FY 2022) to July 1, 2022 (for FY 2023), and the Commission approved Newport's Petition.
10. Newport was able to postpone this Step Two Increase because it received money from RIIB for a series of loan refundings.
11. As set forth in the Docket 4933 revised settlement agreement and Order, Newport originally anticipated it would have to increase its debt service funding by \$1,337,412 annually from \$6,000,000 per year (\$500,000 per month) to \$7,337,412 per year (\$611,451 per month) in FY 2022.
12. As documented in this filing, Newport now only needs to increase its debt service funding by \$920,004 annually from \$6,000,000 per year (\$500,000 per month) to \$6,920,004 (\$576,667 per month).
13. In order to increase its debt service funding, Newport seeks to collect an additional \$906,047 per year above the revenue that would be generated under the rates currently in effect.
14. This amount is slightly less than the amount needed for debt service because the existing rates generate a slight surplus.
15. Thus, Newport now gives notice that it will increase rates in amount sufficient to collect an additional \$906,047 per year under the second and final phase of the multi-year rate plan approved by the Commission in Docket 4933.
16. Pursuant to R.I.G.L. §39-15.1-4, the rates resulting from the increased cost of service will become effective on July 1, 2022 unless the Commission decides that the proposed rate increase is unreasonable or inconsistent with the approved plan, in which case the Commission shall hold a hearing on the proposed rate increase and may approve, or reasonably amend, the proposed rate increase.
17. In support of its notice of change in rates, Newport Water incorporates the testimony and schedules of Harold J. Smith and the testimony of Robert C. Schultz, Jr., submitted herewith.
18. Newport also advises the Commission that it has simultaneously submitted a Miscellaneous Petition To Recover Electronic Payment Fees, which, if granted, would also increase rates.

19. Details regarding this rate increase can be found in Newport Water's Miscellaneous Petition.

20. In addition, Newport's supporting testimony in this Compliance Filing provides information regarding Newport's Miscellaneous Petition.

Wherefore, the City of Newport, Utilities Department, Water Division, respectfully requests that the Rhode Island Public Utilities Commission increase rates as requested in this Miscellaneous Petition to provide additional revenue from rates in the amount of \$906,047 per year for increased debt service and all other relief the Commission deems meet and just.

The City Of Newport, Utilities Department,  
Water Division  
By its attorney,



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## STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

**IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION**

**DOCKET NUMBERS: 4933 & XXX**

### **NOTICE OF COMPLIANCE FILING AND PROPOSED CHANGE IN RATE SCHEDULES**

The City of Newport, Utilities Department, Water Division (“Newport”), hereby gives notice that on April 29, 2022 it filed a Multi-Year Rate Plan Compliance Filing And Notice Of Change In Rates Pursuant To R.I.G.L. § 39-15.1-4 in Docket 4933, and a Miscellaneous Petition To Recover Electronic Payment Fees in Docket XXX with the Rhode Island Public Utilities Commission (“Commission”).

In its Docket 4933, Newport’s Multi-Year Rate Plan Compliance Filing And Notice Of Change In Rates Pursuant To R.I.G.L. § 39-15.1-4 seeks to increase its revenues from rates in the amount of \$906,047 annually to support increased debt service for system-wide water main improvements. The proposed revenue increase is the second and final phase of the multi-year increase granted by the Commission in Docket 4933.

In Docket XXX, Newport seeks to recover credit card and debit card fees that it paid, which were previously paid by its customers, as ordered by the Commission in proceedings related to the world-wide Covid 19 pandemic. These proceedings began on March 16, 2020 when the Commission opened Docket 5022 and voted to enter an emergency order related to the COVID-19 pandemic. This order prohibited utilities from engaging in collection activities such as termination of service, sending past due accounts to collection agencies and sending termination notices. The order also prevented utilities from charging late fees, interest charges, credit card fees, debit card fees, and ACH fees. Through several subsequent orders, these various restrictions were relaxed and/or lifted. In particular, at the Commission’s November 5, 2021 Open Meeting, it approved an Order allowing utilities to reinstate late fees and interest charges upon thirty days-notice to customers. However, the Commission’s November 5, 2021 Order required utilities to continue absorbing electronic payment fees such as credit card and debit card fees (“Electronic Payment Fees”). At the November 5, 2021 Open Meeting, the Commission recognized that many utilities – such as Newport – do not have revenues included in their costs of service to pay Electronic Payment Fees on behalf of their customers. As such, the Commission allowed any such utility to file for rate recovery of any such fees already incurred, and fees it will incur on an ongoing basis, until the utility’s next general rate filing.

In its Miscellaneous Petition, Newport seeks to recover \$106,918.48 for Electronic Payment Fees incurred on behalf of customers from July 1, 2020 to February 28, 2022, and any fees incurred thereafter until the date of the Commission’s decision in Docket XXX. In addition, Newport seeks to recover \$74,400 per year on a going forward basis to cover the payment of these fees on an annual basis. In Newport’s next general rate filing it will be required to seek approval for any ongoing amount it seeks for Electronic Payment Fees paid on behalf of its customers, and it will have to demonstrate that the amount it seeks is the “least cost” manner of covering these fees.

The combined impact of Newport’s requests will vary based on customer classification. For a typical residential customer, who uses 84,000 gallons of water per year, the impact of these requests will result in an annual increase of \$52.80 per year from \$936.36 to \$988.44 or 5.6%. The impact on all other



customers will vary based on customer class. Please note that while Newport is requesting this revenue increase and change in rates, the Commission, after full investigation and hearings, may order a different revenue requirement and rates.

While the new rates are proposed to become effective July 1, 2022, the Commission can hold a hearing on the proposed rate increase and may approve, or reasonably amend, Newport's proposals. No rate change will take effect until the Commission has conducted a full investigation and hearing on Newport's proposals. The Commission will publish a notice of any hearing dates when they are scheduled.

Copies of Newport's filings are on file for examination at Newport Water's office and at the offices of the Public Utilities Commission, 89 Jefferson Boulevard, Warwick, Rhode Island. Copies of the filings were also provided to the Rhode Island Attorney General's Department, Consumer Division.

City of Newport, Utilities Department, Water Division  
70 Halsey Street  
Newport, RI 02840

**PREFILED TESTIMONY**

**OF**

**HAROLD J. SMITH  
RAFTELIS FINANCIAL CONSULTING, INC.**

**IN SUPPORT OF**

**THE CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION'S  
MULTI-YEAR RATE PLAN COMPLIANCE FILING AND  
NOTICE OF CHANGE IN RATES PURSUANT TO R.I.G.L. § 39-15.1-4**

**DOCKET 4933**

**BEFORE THE**

**RHODE ISLAND PUBLIC UTILITIES COMMISSION**

**APRIL 2022**



1 **I. INTRODUCTION**

2 **Q. Please state your name and business address.**

3 A. My name is Harold J. Smith, and my business address is 5619 DTC Parkway, Suite 850,  
4 Greenwood Village, Colorado, 80111.

5

6 **Q. By whom are you employed and in what capacity?**

7 A. I am a Vice President of Raftelis Financial Consultants, Inc. (RFC), a consulting firm  
8 specializing in water and wastewater finance and pricing. RFC was established in 1993  
9 in Charlotte, North Carolina, by George A. Raftelis to provide environmental and  
10 management consulting services to public and private sector clients. RFC is a national  
11 leader in the development of water and wastewater rates that satisfy local government  
12 objectives.

13

14 **Q. Please describe your educational background and work experience.**

15 A. I obtained a Master of Business Administration from Wake Forest University in 1997,  
16 and a Bachelor of Science in Natural Resources from the University of the South in 1987.  
17 As an employee of Raftelis Financial Consulting, I have been involved in numerous  
18 projects for public utilities including a number of studies involving transitions to new  
19 rate structures designed to address specific pricing objectives. I have also served on  
20 engagements involving a wide range of technical specialties including:

- 21 • Utility Cost of Service and Rate Structure Studies  
22 • Privatization Feasibility Studies  
23 • Privatization Procurements  
24 • Utility Financial Planning Studies  
25 • Municipal Financial Planning Studies

1 **Q. Have you previously testified before any regulatory agencies or in court on utility**  
2 **rate related matters?**

3 A. Yes. I provided testimony for the City of Newport, Utilities Department, Water  
4 Division ("Newport Water" or "Newport") in nine previous rate filings before the  
5 Rhode Island Public Utilities Commission ("Commission") in Dockets 3578, 3675,  
6 3818, 4025, 4128, 4243, 4355, 4595 and 4933. I also provided testimony in the  
7 Providence Water Supply Board's most recent rate filings (Docket Nos. 3832, 4061,  
8 4070, 4406, 4571, 4618 and 4994). I also testified on behalf of the Consumer  
9 Advocate before the Nova Scotia Utility and Review Board (W-HRWC-R-10). I have  
10 also provided testimony for the Pittsburgh Water and Sewer Authority's (PWSA) first  
11 three water (Docket Nos. R-2018-3002645, R-2020-3017951 and R-2021-3024773)  
12 and wastewater conveyance (Docket Nos. R-2018-3002647, R-2020-3017970 and R-  
13 2021-3024774) and PWSA's first stormwater (Docket Nos. R-2021-3024779) rate  
14 filings before the PAPUC.

15

16 **Q. Do you belong to any professional organizations or committees?**

17 A. Yes. I am a member of the American Water Works Association where I am the past  
18 chairman of the Strategic Management Practices Committee.

19

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

21 A. To support Newport Water's Multi-Year Rate Plan Compliance Filing And  
22 Notice Of Change In Rates Pursuant To R.I.G.L. § 39-15.1-4. This is Newport's final  
23 compliance filing related to the multi-year rate increase approved by the Commission in  
24 Docket 4933 (Order No. 23855).

25

26

1 **II. HISTORY OF NEWPORT'S MULTI-YEAR RATE INCREASE**

2 **Q. Please provide an overview of the multi-year rate increase approved by the**  
3 **Commission in Docket 4933.**

4 A. On February 13, 2019, Newport Water filed an application for a general rate increase  
5 (Docket 4933). In its application, Newport Water proposed a multi-year rate plan  
6 pursuant to R.I.G.L. §39-15.1-4. The first phase ("Step One") of the increase took effect  
7 in Fiscal Year ("FY") 2020, and the second phase ("Step Two") was to take effect in FY  
8 2022, subject to a compliance filing as required by R.I.G.L. § 39-15.1-4. The Step One  
9 increase was driven primarily by a decrease in consumption and an increase in  
10 operation and maintenance expenses, and the Step Two increase was required to  
11 service debt on approximately \$7,441,000 of borrowings through the Rhode Island  
12 Infrastructure Bank ("RIIB") to fund system wide main improvements. The parties in  
13 Docket 4933 entered into a revised settlement agreement, and through a written order  
14 (No. 23855), the Commission approved Newport Water's two-step increase, subject to a  
15 compliance filing. HJS Exhibit 1 (CF) attached hereto sets forth the rates approved for  
16 Step One in FY 2020 and the originally anticipated rates for Step Two in FY 2022. As part  
17 of the Commission's Order, it also directed Newport Water to implement true "cost-of-  
18 service" based rates for each customer class, including Newport Water's two wholesale  
19 customers – the United States Navy and the Portsmouth Water and Fire District.  
20 However, the Commission ordered that true cost-of-service rates be implemented  
21 gradually. The Step One increase moved rates half-way toward true cost-of-service, and  
22 the Step Two increase sets rates at true cost-of-service.

23  
24 On March 30, 2021, Newport Water filed a Petition to Amend Multi-Year Rate Plan  
25 Pursuant To R.I.G.L. § 39-15.1-4(d) seeking to postpone the Step Two Increase for one  
26 year from July 1, 2021 (for FY 2022) to July 1, 2022 (for FY 2023). Newport was able to

1 postpone this Step Two Increase because it received money from RIIB for a series of  
2 loan refundings.

3

4 **Q. Is Newport still requesting the same level of funding for debt service that was**  
5 **preliminarily approved by the Commission in Docket 4933?**

6 A. No. As set forth in the Docket 4933 revised settlement agreement and order,  
7 Newport originally anticipated it would have to increase its debt service funding by  
8 \$1,337,412 annually from \$6,000,000 per year (\$500,000 per month) to \$7,337,412 per  
9 year (\$611,451 per month) in FY 2022. As set forth on HJS Exhibit 2 (CF), Newport  
10 actually needs to increase its debt service funding by \$920,004 annually from  
11 \$6,000,000 per year (\$500,000 per month) to \$6,920,004 (\$576,667 per month).

12

13 **III. STEP TWO INCREASE**

14 **Q. How much of a revenue increase does Newport need for the second (and final)**  
15 **phase of the multi-year increase approved in Docket 4933?**

16 A. Newport seeks a revenue increase of approximately \$906,047 above the revenue that  
17 would be generated under the rates currently in effect. This amount is slightly less than  
18 the amount needed for debt service because the existing rates generate a slight surplus.

19

20 **Q. Can you explain how you determined the requested increase of \$920,004 for debt**  
21 **service?**

22 A. The requested increase in annual contributions to the Debt Service Restricted  
23 account is based on the monthly amounts that must be deposited into that account to  
24 ensure sufficient balances to make debt service payments. These monthly deposits are  
25 set forth in HJS Exhibit 2 (CF) attached to my testimony. The amount of the monthly  
26 deposit is based on maintaining a balance in the Debt Service Restricted account

1 sufficient to make the principal and interest payments on all of Newport Water's  
2 outstanding debt. This increase will allow Newport Water to maintain a positive balance  
3 in its Debt Service Restricted account through FY2028.

4

5 **Q. Have you calculated the increases needed for the Step Two increase?**

6 A. Yes. Attached to my testimony is HJS Exhibit 3 (CF), which shows the required  
7 increase. By comparing HJS Exhibit 1 (CF) (the Step Two Increase originally approved by  
8 the Commission, which is highlighted in the red box) and Exhibit HJS 3 (CF) (the Step  
9 Two increase Newport Water now proposes to implement, which is also highlighted in  
10 the red box), the rates now proposed are 2% to 3% less than originally approved by the  
11 Commission for Step Two.

12

13 **Q. Newport Water also submitted a miscellaneous petition to recover credit and debit  
14 card fees it incurred on behalf of its customers, which requires a rate increase. Is  
15 Newport requesting that both of these increases go into effect simultaneously?**

16 A. Yes, Newport seeks to implement both increases effective July 1, 2022. I would refer  
17 to Newport Water's miscellaneous petition filing and the supporting testimony for more  
18 details on the rate increase needed to recover credit and debit card fees ("Electronic  
19 Payment Fees"), but I will provide some explanation here as well. As set forth in the  
20 miscellaneous petition, Newport Water proposes to recover the necessary revenue to  
21 cover Electronic Payment Fees from the monthly service charges (i.e. Base Charge).  
22 Attached to my testimony is HJS Exhibit 4 (CF), which shows the increase needed for the  
23 Step Two increase and to cover Electronic Payment Fees.

24

25 As can be seen by comparing HJS Exhibit 3 (CF) (showing the increase required just for  
26 Step Two of the multi-year increase) and HJS Exhibit 4 (CF) (showing the increase

1 attributable to both Step Two and recovery of the Electronic Payment Fees), the  
2 monthly service charges (i.e. Base Charge) increases, while the volumetric charges  
3 decrease slightly. This is because certain administrative costs are allocated using a  
4 composite allocation factor that is based on the allocation of other costs to base/extra  
5 capacity cost categories. The addition of the credit card costs to Newport's revenue  
6 requirements and the subsequent allocation to the billing cost category results in a  
7 greater portion of the previously mentioned administrative costs being allocated for  
8 recovery through the monthly service charge and a smaller portion being allocated for  
9 recovery through the volumetric charge.

10

11 Further, in reviewing HJS Exhibit 4 (CF), although the percentage increases for the  
12 monthly service charges seem large, they are not as dramatic in actual dollars. For  
13 instance, the monthly service charge for a 5/8 inch meter, which is the size in most  
14 residential homes, increases from \$5.23/month currently to \$5.48/month to recover  
15 just the Second Step Increase (HJS Exhibit 3 (CF)). This fee then increases to  
16 \$5.60/month to recover the Step Two increase and the Electronic Payment Fees (HJS  
17 Exhibit HJS 4 (CF)). Thus, the monthly increase attributable to just the recovery of the  
18 Electronic Payment Fees is \$0.12/month.

19

20 **Q. Have you prepared any other Exhibits?**

21 A. Yes. Attached to my testimony are HJS Exhibit 5 (CF), which sets forth the bill impacts  
22 of both rate increases, and HJS Exhibit 6 (CF), which is the revenue proof for both  
23 increases.

24

25

26



1 **III. CONCLUSION**

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

3 A. Yes it does.

# HJS Exhibit 1 (CF)

Docket 4933

Rhode Island Public Utilities Commission  
 Docket 4933  
 FY 2020 Rate Filing  
 HJS Schedule A-5B Joint Settlement Revised  
 Multi-Year Rate Plan With Gradualism

| Rates and Charges                    | Current Rates | Rate Year        |            | Future Year      |            |
|--------------------------------------|---------------|------------------|------------|------------------|------------|
|                                      |               | Proposed FY 2020 | % Increase | Proposed FY 2022 | % Increase |
| Billing Charge (per bill)            |               |                  |            |                  |            |
| 5/8                                  | \$ 5.02       | \$ 5.23          | 4%         | \$ 5.60          | 7%         |
| 3/4                                  | \$ 5.27       | \$ 5.48          | 4%         | \$ 5.86          | 7%         |
| 1                                    | \$ 7.03       | \$ 7.27          | 3%         | \$ 7.82          | 8%         |
| 1.5                                  | \$ 11.33      | \$ 11.64         | 3%         | \$ 12.60         | 8%         |
| 2                                    | \$ 15.86      | \$ 16.20         | 2%         | \$ 17.58         | 9%         |
| 3                                    | \$ 41.71      | \$ 42.06         | 1%         | \$ 45.90         | 9%         |
| 4                                    | \$ 49.12      | \$ 49.42         | 1%         | \$ 53.95         | 9%         |
| 5                                    | \$ 58.99      | \$ 59.22         | 0%         | \$ 64.69         | 9%         |
| 6                                    | \$ 66.40      | \$ 66.58         | 0%         | \$ 72.74         | 9%         |
| 8                                    | \$ 86.15      | \$ 86.19         | 0%         | \$ 94.22         | 9%         |
| 10                                   | \$ 121.95     | \$ 121.73        | 0%         | \$ 133.15        | 9%         |
| Portsmouth Base Charge (4")          | \$ 1.36       | \$ 1.56          | 15%        | \$ 1.57          | 1%         |
| Commodity Charge (per 1,000 gallons) |               |                  |            |                  |            |
| Retail                               |               |                  |            |                  |            |
| Residential                          | \$ 10.02      | \$ 10.40         | 4%         | \$ 11.16         | 7%         |
| Non-Residential                      | \$ 11.22      | \$ 11.22         | 0%         | \$ 11.62         | 4%         |
| Wholesale                            |               |                  |            |                  |            |
| Navy                                 | \$ 6.5190     | \$ 7.5620        | 16%        | \$ 7.9592        | 5%         |
| Portsmouth Water & Fire District     | \$ 5.2920     | \$ 6.1387        | 16%        | \$ 6.9929        | 14%        |
| Fire Protection                      |               |                  |            |                  |            |
| Public (per hydrant)                 | \$ 944.22     | \$ 1,095.30      | 16%        | \$ 1,234.50      | 13%        |
| Private (Connection Size)            |               |                  |            |                  |            |
| Less than 2"                         | \$33.26       | \$ 38.59         | 16%        | \$ 39.48         | 2%         |
| 2"                                   | \$139.26      | \$ 161.55        | 16%        | \$ 165.29        | 2%         |
| 4"                                   | \$468.22      | \$ 543.14        | 16%        | \$ 581.53        | 7%         |
| 6"                                   | \$1,055.81    | \$ 1,224.74      | 16%        | \$ 1,348.13      | 10%        |
| 8"                                   | \$2,069.28    | \$ 2,400.37      | 16%        | \$ 2,670.35      | 11%        |
| 10"                                  | \$3,593.75    | \$ 4,168.75      | 16%        | \$ 4,659.25      | 12%        |
| 12"                                  | \$5,706.61    | \$ 6,619.67      | 16%        | \$ 7,415.79      | 12%        |

# HJS Exhibit 2 (CF)

## Docket 4933

Rhode Island Public Utilities Commission  
 Docket 4933  
 FY 2020 Rate Filing  
 HJS Schedule D-5 Second Step Compliance Filing  
 Debt Service Restricted Account Cashflow

| FY 2018 ACTUAL                |              |              |              |              |              |              |              |              |              |              |              |              |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                               | July         | August       | September    | October      | November     | December     | January      | February     | March        | April        | May          | June         |
| <b>Debt Service Account</b>   |              |              |              |              |              |              |              |              |              |              |              |              |
| <b>Beginning Cash Balance</b> | \$ 4,326,992 | \$ 4,895,623 | \$ 5,464,815 | \$ 589,892   | \$ 1,157,484 | \$ 1,725,297 | \$ 2,293,377 | \$ 2,985,126 | \$ 3,554,201 | \$ 2,813,509 | \$ 3,382,835 | \$ 3,952,995 |
| <b>Additions</b>              |              |              |              |              |              |              |              |              |              |              |              |              |
| From Rates                    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    |
| From Capital Restricted Acct. | -            | -            | -            | -            | -            | -            | 123,192      | -            | -            | -            | -            | -            |
| Interest Income               | 1,048        | 1,608        | 1,922        | 8            | 230          | 496          | 974          | 1,492        | 1,766        | 1,743        | 2,577        | 3,383        |
| <b>Total Additions</b>        | \$ 568,632   | \$ 569,192   | \$ 569,505   | \$ 567,592   | \$ 567,813   | \$ 568,079   | \$ 691,749   | \$ 569,076   | \$ 569,349   | \$ 569,326   | \$ 570,160   | \$ 570,966   |
| <b>Deductions</b>             |              |              |              |              |              |              |              |              |              |              |              |              |
| To Capital Restricted Acct.   | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Existing Debt Service         | -            | -            | 5,444,428    | -            | -            | -            | -            | -            | 1,310,042    | -            | -            | -            |
| <b>Total Deductions</b>       | \$ -         | \$ -         | \$ 5,444,428 | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ 1,310,042 | \$ -         | \$ -         | \$ -         |
| <b>Ending Cash Balance</b>    | \$ 4,895,623 | \$ 5,464,815 | \$ 589,892   | \$ 1,157,484 | \$ 1,725,297 | \$ 2,293,377 | \$ 2,985,126 | \$ 3,554,201 | \$ 2,813,509 | \$ 3,382,835 | \$ 3,952,995 | \$ 4,523,961 |

| FY 2019 ACTUAL                |              |              |            |              |              |              |              |              |              |              |              |              |
|-------------------------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                               | July         | August       | September  | October      | November     | December     | January      | February     | March        | April        | May          | June         |
| <b>Debt Service Account</b>   |              |              |            |              |              |              |              |              |              |              |              |              |
| <b>Beginning Cash Balance</b> | \$ 4,523,961 | \$ 5,095,698 | \$ 142,721 | \$ 716,147   | \$ 1,284,000 | \$ 1,852,589 | \$ 2,421,974 | \$ 2,992,473 | \$ 2,609,094 | \$ 3,180,873 | \$ 3,752,736 | \$ 4,325,292 |
| <b>Additions</b>              |              |              |            |              |              |              |              |              |              |              |              |              |
| From Rates                    | \$567,583    | \$567,583    | \$567,583  | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    |
| From Capital Restricted Acct. | -            | -            | -          | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Interest Income               | 4,153        | 5,328        | 5,842      | 270          | 1,005        | 1,802        | 2,916        | 3,890        | 4,195        | 4,280        | 4,973        | 6,002        |
| <b>Total Additions</b>        | \$ 571,736   | \$ 572,912   | \$ 573,426 | \$ 567,854   | \$ 568,589   | \$ 569,385   | \$ 570,499   | \$ 571,473   | \$ 571,778   | \$ 571,863   | \$ 572,556   | \$ 573,585   |
| <b>Deductions</b>             |              |              |            |              |              |              |              |              |              |              |              |              |
| To Capital Restricted Acct.   | -            | -            | -          | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Existing Debt Service         | -            | 5,525,888    | -          | -            | -            | -            | -            | 954,852      | -            | -            | -            | -            |
| <b>Total Deductions</b>       | \$ -         | \$ 5,525,888 | \$ -       | \$ -         | \$ -         | \$ -         | \$ -         | \$ 954,852   | \$ -         | \$ -         | \$ -         | \$ -         |
| <b>Ending Cash Balance</b>    | \$ 5,095,698 | \$ 142,721   | \$ 716,147 | \$ 1,284,000 | \$ 1,852,589 | \$ 2,421,974 | \$ 2,992,473 | \$ 2,609,094 | \$ 3,180,873 | \$ 3,752,736 | \$ 4,325,292 | \$ 4,898,877 |

| FY 2020 ACTUAL                |              |              |              |              |              |              |              |              |              |              |              |              |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                               | July         | August       | September    | October      | November     | December     | January      | February     | March        | April        | May          | June         |
| <b>Debt Service Account</b>   |              |              |              |              |              |              |              |              |              |              |              |              |
| <b>Beginning Cash Balance</b> | \$ 4,898,877 | \$ 7,008,227 | \$ 2,030,420 | \$ 2,606,135 | \$ 3,548,292 | \$ 4,119,054 | \$ 4,622,450 | \$ 6,727,629 | \$ 6,220,921 | \$ 6,726,436 | \$ 7,228,782 | \$ 7,728,816 |
| <b>Additions</b>              |              |              |              |              |              |              |              |              |              |              |              |              |
| From Rates                    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$567,583    | \$500,000    | \$500,000    | \$500,000    | \$500,000    | \$500,000    | \$500,000    | \$500,000    |
| From Capital Restricted Acct. | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| From Bond Proceeds            | 1,535,152    |              |              | 371,878      |              |              |              |              |              |              |              |              |
| RIIB Refunding Credit         |              | 25,267       |              |              |              |              | 1,601,339    |              |              |              |              |              |
| Interest Income               | 6,615        | 8,381        | 8,132        | 2,696        | 3,179        | 3,396        | 3,839        | 4,596        | 5,515        | 2,347        | 33           | 37           |
| <b>Total Additions</b>        | \$ 2,109,350 | \$ 601,231   | \$ 575,715   | \$ 942,157   | \$ 570,762   | \$ 503,396   | \$ 2,105,178 | \$ 504,596   | \$ 505,515   | \$ 502,347   | \$ 500,033   | \$ 500,037   |
| <b>Deductions</b>             |              |              |              |              |              |              |              |              |              |              |              |              |
| To Capital Restricted Acct.   | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Existing Debt Service         |              | 5,579,038    |              |              |              |              |              | 1,011,304    |              |              |              |              |
| <b>Total Deductions</b>       | \$ -         | \$ 5,579,038 | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ 1,011,304 | \$ -         | \$ -         | \$ -         | \$ -         |
| <b>Ending Cash Balance</b>    | \$ 7,008,227 | \$ 2,030,420 | \$ 2,606,135 | \$ 3,548,292 | \$ 4,119,054 | \$ 4,622,450 | \$ 6,727,629 | \$ 6,220,921 | \$ 6,726,436 | \$ 7,228,782 | \$ 7,728,816 | \$ 8,228,853 |

| FY 2021 ACTUAL                |              |              |              |              |              |              |              |              |              |              |              |              |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                               | July         | August       | September    | October      | November     | December     | January      | February     | March        | April        | May          | June         |
| <b>Debt Service Account</b>   |              |              |              |              |              |              |              |              |              |              |              |              |
| <b>Beginning Cash Balance</b> | \$ 8,228,853 | \$ 8,728,892 | \$ 3,599,098 | \$ 4,099,136 | \$ 4,599,155 | \$ 5,099,176 | \$ 5,599,205 | \$ 6,099,225 | \$ 5,449,806 | \$ 5,949,835 | \$ 6,449,868 | \$ 6,949,898 |
| <b>Additions</b>              |              |              |              |              |              |              |              |              |              |              |              |              |
| From Rates                    | \$500,000    | \$500,000    | \$500,000    | \$500,000    | \$500,000    | \$500,000    | \$500,000    | \$500,000    | \$500,000    | \$500,006    | \$500,000    | \$500,000    |
| From Capital Restricted Acct. | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Interest Income               | 39           | 43           | 38           | 18           | 21           | 29           | 26           | 29           | 28           | 28           | 29           | 33           |
| <b>Total Additions</b>        | \$ 500,039   | \$ 500,043   | \$ 500,038   | \$ 500,018   | \$ 500,021   | \$ 500,029   | \$ 500,026   | \$ 500,029   | \$ 500,028   | \$ 500,034   | \$ 500,029   | \$ 500,033   |
| <b>Deductions</b>             |              |              |              |              |              |              |              |              |              |              |              |              |
| To Capital Restricted Acct.   | -            | -            | -            | -            | -            | -            | 6            | -            | -            | -            | -            | -            |
| Existing Debt Service         |              | 5,629,837    |              |              |              |              |              | 1,149,448    |              |              |              |              |
| <b>Total Deductions</b>       | \$ -         | \$ 5,629,837 | \$ -         | \$ -         | \$ -         | \$ -         | \$ 6         | \$ 1,149,448 | \$ -         | \$ -         | \$ -         | \$ -         |
| <b>Ending Cash Balance</b>    | \$ 8,728,892 | \$ 3,599,098 | \$ 4,099,136 | \$ 4,599,155 | \$ 5,099,176 | \$ 5,599,205 | \$ 6,099,225 | \$ 5,449,806 | \$ 5,949,835 | #####        | \$ 6,949,898 | \$ 7,449,931 |

|                               | FY 2022 ACTUAL |              |              |              |              |              | FY 2022 PROJECTED |              |              |              |              |              |
|-------------------------------|----------------|--------------|--------------|--------------|--------------|--------------|-------------------|--------------|--------------|--------------|--------------|--------------|
|                               | July           | August       | September    | October      | November     | December     | January           | February     | March        | April        | May          | June         |
| <b>Debt Service Account</b>   |                |              |              |              |              |              |                   |              |              |              |              |              |
| <b>Beginning Cash Balance</b> | \$ 7,449,931   | \$ 7,949,965 | \$ 2,537,366 | \$ 3,037,401 | \$ 4,128,200 | \$ 4,628,215 | \$ 5,128,254      | \$ 5,628,254 | \$ 6,128,254 | \$ 5,515,213 | \$ 6,015,213 | \$ 6,515,213 |
| <b>Additions</b>              |                |              |              |              |              |              |                   |              |              |              |              |              |
| From Rates                    | \$500,000      | \$500,000    | \$500,000    | \$500,000    | \$500,000    | \$500,000    | \$500,000         | \$500,000    | \$500,000    | \$500,000    | \$500,000    | \$500,000    |
| From Bond Proceeds            |                |              |              | \$590,788    |              |              |                   |              |              |              |              |              |
| From Capital Restricted Acct. | -              |              | -            |              | -            | -            | -                 | -            | -            | -            | -            | -            |
| Interest Income               | 34             | 39           | 35           | 11           | 15           | 39           | -                 | -            | -            | -            | -            | -            |
| <b>Total Additions</b>        | \$ 500,034     | \$ 500,039   | \$ 500,035   | \$ 1,090,799 | \$ 500,015   | \$ 500,039   | \$ 500,000        | \$ 500,000   | \$ 500,000   | \$ 500,000   | \$ 500,000   | \$ 500,000   |
| <b>Deductions</b>             |                |              |              |              |              |              |                   |              |              |              |              |              |
| To Capital Restricted Acct.   | -              | -            | -            | -            | -            | -            | -                 | -            | -            | -            | -            | -            |
| Existing Debt Service         |                | 5,912,638    |              |              |              |              |                   |              | 1,113,041    |              |              |              |
| <b>Total Deductions</b>       | \$ -           | \$ 5,912,638 | \$ -         | \$ -         | \$ -         | \$ -         | \$ -              | \$ -         | \$ 1,113,041 | \$ -         | \$ -         | \$ -         |
| <b>Ending Cash Balance</b>    | \$ 7,949,965   | \$ 2,537,366 | \$ 3,037,401 | \$ 4,128,200 | \$ 4,628,215 | \$ 5,128,254 | \$ 5,628,254      | \$ 6,128,254 | \$ 5,515,213 | \$ 6,015,213 | \$ 6,515,213 | \$ 7,015,213 |

|                               | FY 2023 PROJECTED |              |              |              |              |              |              |              |              |              |              |              |
|-------------------------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                               | July              | August       | September    | October      | November     | December     | January      | February     | March        | April        | May          | June         |
| <b>Debt Service Account</b>   |                   |              |              |              |              |              |              |              |              |              |              |              |
| <b>Beginning Cash Balance</b> | \$ 7,015,213      | \$ 7,591,880 | \$ 2,019,817 | \$ 2,596,484 | \$ 3,173,151 | \$ 3,749,817 | \$ 4,326,484 | \$ 4,903,151 | \$ 5,479,817 | \$ 4,967,511 | \$ 5,544,177 | \$ 6,120,844 |
| <b>Additions</b>              |                   |              |              |              |              |              |              |              |              |              |              |              |
| From Rates                    | \$576,667         | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    |
| From Capital Restricted Acct. | -                 | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Interest Income               | -                 | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| <b>Total Additions</b>        | \$ 576,667        | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   |
| <b>Deductions</b>             |                   |              |              |              |              |              |              |              |              |              |              |              |
| To Capital Restricted Acct.   | -                 | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Existing Debt Service         |                   | 6,148,729    |              |              |              |              |              |              | 1,088,973    |              |              |              |
| <b>Total Deductions</b>       | \$ -              | \$ 6,148,729 | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ 1,088,973 | \$ -         | \$ -         | \$ -         |
| <b>Ending Cash Balance</b>    | \$ 7,591,880      | \$ 2,019,817 | \$ 2,596,484 | \$ 3,173,151 | \$ 3,749,817 | \$ 4,326,484 | \$ 4,903,151 | \$ 5,479,817 | \$ 4,967,511 | \$ 5,544,177 | \$ 6,120,844 | \$ 6,697,511 |

| FY 2024 PROJECTED             |              |              |              |              |              |              |              |              |              |              |              |              |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                               | July         | August       | September    | October      | November     | December     | January      | February     | March        | April        | May          | June         |
| <b>Debt Service Account</b>   |              |              |              |              |              |              |              |              |              |              |              |              |
| <b>Beginning Cash Balance</b> | \$ 6,697,511 | \$ 7,274,177 | \$ 1,623,784 | \$ 2,200,451 | \$ 2,777,118 | \$ 3,353,784 | \$ 3,930,451 | \$ 4,507,118 | \$ 5,083,784 | \$ 4,649,058 | \$ 5,225,724 | \$ 5,802,391 |
| <b>Additions</b>              |              |              |              |              |              |              |              |              |              |              |              |              |
| From Rates                    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    |
| From Capital Restricted Acct. | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Interest Income               | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| <b>Total Additions</b>        | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   |
| <b>Deductions</b>             |              |              |              |              |              |              |              |              |              |              |              |              |
| To Capital Restricted Acct.   | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Existing Debt Service         | -            | 6,227,060    | -            | -            | -            | -            | -            | -            | 1,011,393    | -            | -            | -            |
| <b>Total Deductions</b>       | \$ -         | \$ 6,227,060 | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ 1,011,393 | \$ -         | \$ -         | \$ -         |
| <b>Ending Cash Balance</b>    | \$ 7,274,177 | \$ 1,623,784 | \$ 2,200,451 | \$ 2,777,118 | \$ 3,353,784 | \$ 3,930,451 | \$ 4,507,118 | \$ 5,083,784 | \$ 4,649,058 | \$ 5,225,724 | \$ 5,802,391 | \$ 6,379,058 |

| FY 2025 PROJECTED             |              |              |              |              |              |              |              |              |              |              |              |              |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                               | July         | August       | September    | October      | November     | December     | January      | February     | March        | April        | May          | June         |
| <b>Debt Service Account</b>   |              |              |              |              |              |              |              |              |              |              |              |              |
| <b>Beginning Cash Balance</b> | \$ 6,379,058 | \$ 6,955,724 | \$ 1,230,064 | \$ 1,806,730 | \$ 2,383,397 | \$ 2,960,064 | \$ 3,536,730 | \$ 4,113,397 | \$ 4,690,064 | \$ 4,338,802 | \$ 4,915,469 | \$ 5,492,135 |
| <b>Additions</b>              |              |              |              |              |              |              |              |              |              |              |              |              |
| From Rates                    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    |
| From Capital Restricted Acct. | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Interest Income               | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| <b>Total Additions</b>        | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   |
| <b>Deductions</b>             |              |              |              |              |              |              |              |              |              |              |              |              |
| To Capital Restricted Acct.   | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Existing Debt Service         | -            | 6,302,328    | -            | -            | -            | -            | -            | -            | 927,928      | -            | -            | -            |
| <b>Total Deductions</b>       | \$ -         | \$ 6,302,328 | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ 927,928   | \$ -         | \$ -         | \$ -         |
| <b>Ending Cash Balance</b>    | \$ 6,955,724 | \$ 1,230,064 | \$ 1,806,730 | \$ 2,383,397 | \$ 2,960,064 | \$ 3,536,730 | \$ 4,113,397 | \$ 4,690,064 | \$ 4,338,802 | \$ 4,915,469 | \$ 5,492,135 | \$ 6,068,802 |

| FY 2026 PROJECTED             |              |              |              |              |              |              |              |              |              |              |              |              |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                               | July         | August       | September    | October      | November     | December     | January      | February     | March        | April        | May          | June         |
| <b>Debt Service Account</b>   |              |              |              |              |              |              |              |              |              |              |              |              |
| <b>Beginning Cash Balance</b> | \$ 6,068,802 | \$ 6,645,469 | \$ 840,282   | \$ 1,416,948 | \$ 1,993,615 | \$ 2,570,282 | \$ 3,146,948 | \$ 3,723,615 | \$ 4,300,282 | \$ 4,038,346 | \$ 4,615,013 | \$ 5,191,679 |
| <b>Additions</b>              |              |              |              |              |              |              |              |              |              |              |              |              |
| From Rates                    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    |
| From Capital Restricted Acct. | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Interest Income               | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| <b>Total Additions</b>        | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   |
| <b>Deductions</b>             |              |              |              |              |              |              |              |              |              |              |              |              |
| To Capital Restricted Acct.   | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Existing Debt Service         | -            | 6,381,854    | -            | -            | -            | -            | -            | -            | 838,602      | -            | -            | -            |
| <b>Total Deductions</b>       | \$ -         | \$ 6,381,854 | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ 838,602   | \$ -         | \$ -         | \$ -         |
| <b>Ending Cash Balance</b>    | \$ 6,645,469 | \$ 840,282   | \$ 1,416,948 | \$ 1,993,615 | \$ 2,570,282 | \$ 3,146,948 | \$ 3,723,615 | \$ 4,300,282 | \$ 4,038,346 | \$ 4,615,013 | \$ 5,191,679 | \$ 5,768,346 |

| FY 2027                       |              |              |              |              |              |              |              |              |              |              |              |              |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                               | July         | August       | September    | October      | November     | December     | January      | February     | March        | April        | May          | June         |
| <b>Debt Service Account</b>   |              |              |              |              |              |              |              |              |              |              |              |              |
| <b>Beginning Cash Balance</b> | \$ 5,768,346 | \$ 6,345,013 | \$ 447,090   | \$ 1,023,757 | \$ 1,600,424 | \$ 2,177,090 | \$ 2,753,757 | \$ 3,330,424 | \$ 3,907,090 | \$ 3,739,914 | \$ 4,316,581 | \$ 4,893,248 |
| <b>Additions</b>              |              |              |              |              |              |              |              |              |              |              |              |              |
| From Rates                    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    |
| From Capital Restricted Acct. | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Interest Income               | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| <b>Total Additions</b>        | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   |
| <b>Deductions</b>             |              |              |              |              |              |              |              |              |              |              |              |              |
| To Capital Restricted Acct.   | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Existing Debt Service         | -            | 6,474,589    | -            | -            | -            | -            | -            | -            | 743,843      | -            | -            | -            |
| <b>Total Deductions</b>       | \$ -         | \$ 6,474,589 | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ 743,843   | \$ -         | \$ -         | \$ -         |
| <b>Ending Cash Balance</b>    | \$ 6,345,013 | \$ 447,090   | \$ 1,023,757 | \$ 1,600,424 | \$ 2,177,090 | \$ 2,753,757 | \$ 3,330,424 | \$ 3,907,090 | \$ 3,739,914 | \$ 4,316,581 | \$ 4,893,248 | \$ 5,469,914 |

|                               | FY 2028      |              |            |              |              |              |              |              |              |              |              |              |
|-------------------------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                               | July         | August       | September  | October      | November     | December     | January      | February     | March        | April        | May          | June         |
| <b>Debt Service Account</b>   |              |              |            |              |              |              |              |              |              |              |              |              |
| <b>Beginning Cash Balance</b> | \$ 5,469,914 | \$ 6,046,581 | \$ 55,053  | \$ 631,720   | \$ 1,208,386 | \$ 1,785,053 | \$ 2,361,720 | \$ 2,938,386 | \$ 3,515,053 | \$ 3,443,268 | \$ 4,019,935 | \$ 4,596,602 |
| <b>Additions</b>              |              |              |            |              |              |              |              |              |              |              |              |              |
| From Rates                    | \$576,667    | \$576,667    | \$576,667  | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    | \$576,667    |
| From Capital Restricted Acct. | -            | -            | -          | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Interest Income               | -            | -            | -          | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| <b>Total Additions</b>        | \$ 576,667   | \$ 576,667   | \$ 576,667 | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   | \$ 576,667   |
| <b>Deductions</b>             |              |              |            |              |              |              |              |              |              |              |              |              |
| To Capital Restricted Acct.   | -            | -            | -          | -            | -            | -            | -            | -            | -            | -            | -            | -            |
| Existing Debt Service         | -            | 6,568,195    | -          | -            | -            | -            | -            | -            | 648,451      | -            | -            | -            |
| <b>Total Deductions</b>       | \$ -         | \$ 6,568,195 | \$ -       | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ 648,451   | \$ -         | \$ -         | \$ -         |
| <b>Ending Cash Balance</b>    | \$ 6,046,581 | \$ 55,053    | \$ 631,720 | \$ 1,208,386 | \$ 1,785,053 | \$ 2,361,720 | \$ 2,938,386 | \$ 3,515,053 | \$ 3,443,268 | \$ 4,019,935 | \$ 4,596,602 | \$ 5,173,268 |



# HJS Exhibit 3 (CF)

## Docket 4933

Rhode Island Public Utilities Commission  
 Docket 4933  
 FY 2020 Rate Filing  
 HJS Schedule A-2A Second Step Compliance Filing  
 Cost of Service Rates and Charges

|  |                 | <b>Docket 4933</b>  |                 |                       |                    |                    |  |
|--|-----------------|---------------------|-----------------|-----------------------|--------------------|--------------------|--|
|  |                 | <b>Step 1 Rates</b> | Cost of Service | <b>Proposed Rates</b> | % Change           | Projected Revenues |  |
| <b>Base Charge (per bill)</b>            |                 |                     |                 |                       |                    |                    |  |
| Monthly                                  |                 |                     |                 |                       |                    |                    |  |
| 5/8                                      | \$              | 5.23                | \$ 5.4769       | \$ <b>5.48</b>        | 5%                 | \$705,013          |  |
| 3/4                                      | \$              | 5.48                | 5.7380          | <b>5.74</b>           | 5%                 | 174,542            |  |
| 1  | \$              | 7.27                | 7.6411          | <b>7.65</b>           | 5%                 | 52,418             |  |
| 1.5                                      | \$              | 11.64               | 12.2923         | <b>12.30</b>          | 6%                 | 56,531             |  |
| 2  | \$              | 16.20               | 17.1437         | <b>17.15</b>          | 6%                 | 52,479             |  |
| 3  | \$              | 42.06               | 44.6875         | <b>44.69</b>          | 6%                 | 32,177             |  |
| 4  | \$              | 49.42               | 52.5212         | <b>52.53</b>          | 6%                 | 9,455              |  |
| 5  | \$              | 59.22               | 62.9661         | <b>62.97</b>          | 6%                 | 0                  |  |
| 6  | \$              | 66.58               | 70.7997         | <b>70.80</b>          | 6%                 | 28,886             |  |
| 8  | \$              | 86.19               | 91.6894         | <b>91.69</b>          | 6%                 | 4,401              |  |
| 10                                       | \$              | 121.73              | 129.5520        | <b>129.56</b>         | 6%                 | 3,109              |  |
| Portsmouth Base Charge (4")              | \$              | 1.56                | 1.5636          | <b>1.57</b>           | 1%                 | 19                 |  |
|  |                 |                     |                 |                       |                    | 1,119,030          |  |
| <b>Volume Charge (per 1,000 gallons)</b> |                 |                     |                 |                       |                    |                    |  |
| Retail                                   |                 |                     |                 |                       |                    |                    |  |
| Residential                              | \$              | 10.40               | \$ 10.9145      | \$ <b>10.92</b>       | 5%                 | 6,819,540          |  |
| Non-Residential                          | \$              | 11.22               | \$ 11.3624      | \$ <b>11.37</b>       | 1%                 | 5,061,924          |  |
|  |                 |                     |                 |                       |                    | \$ 11,881,464      |  |
| Wholesale                                |                 |                     |                 |                       |                    |                    |  |
| Navy                                     | \$              | 7.5620              | \$ 7.7930       | \$ <b>7.7930</b>      | 3%                 | 1,472,098          |  |
| Portsmouth Water & Fire District         | \$              | 6.1387              | \$ 6.8474       | \$ <b>6.8474</b>      | 12%                | 2,581,470          |  |
|  |                 |                     |                 |                       |                    | \$ 4,053,568       |  |
| <b>Fire Protection</b>                   |                 |                     |                 |                       |                    |                    |  |
| Public (per hydrant)                     |                 |                     |                 |                       |                    |                    |  |
|  | \$              | 1,095.30            | \$ 1,203.91     | \$ <b>1,203.92</b>    | 10%                | \$ 1,254,485       |  |
| Private (by Connection Size)             |                 |                     |                 |                       |                    |                    |  |
|  | Connection Size | Differential        |                 |                       |                    |                    |  |
|  | <2              |                     | \$38.59         | \$ 38.47              | \$ <b>38.47</b>    | 0%                 |  |
|  | 2               | 6.19                | \$161.55        | \$ 161.03             | \$ <b>161.04</b>   | 0%                 |  |
|  | 4               | 38.32               | \$543.14        | \$ 566.69             | \$ <b>566.70</b>   | 4%                 |  |
|  | 6               | 111.31              | \$1,224.74      | \$ 1,314.00           | \$ <b>1,314.01</b> | 7%                 |  |
|  | 8               | 237.21              | \$2,400.37      | \$ 2,602.96           | \$ <b>2,602.97</b> | 8%                 |  |
|  | 10              | 426.58              | \$4,168.75      | \$ 4,541.82           | \$ <b>4,541.82</b> | 9%                 |  |
|  | 12              | 689.04              | \$6,619.67      | \$ 7,229.00           | \$ <b>7,229.01</b> | 9%                 |  |
|  |                 |                     |                 |                       |                    | \$ 519,459         |  |

**Total Projected Rate Revenues \$ 18,828,006**

# HJS Exhibit 4 (CF)

## Docket 4933

Rhode Island Public Utilities Commission  
 Docket 4933  
 FY 2020 Rate Filing  
 HJS Schedule A-2A Second Step Compliance Filing  
 Cost of Service Rates and Charges

|  |    | <b>Docket 4933</b>  |                 |                       |             |                    |    |         |
|--|----|---------------------|-----------------|-----------------------|-------------|--------------------|----|---------|
|  |    | <b>Step 1 Rates</b> | Cost of Service | <b>Proposed Rates</b> | % Change    | Projected Revenues |    |         |
| <b>Base Charge (per bill)</b>            |    |                     |                 |                       |             |                    |    |         |
| Monthly                                  |    |                     |                 |                       |             |                    |    |         |
| 5/8                                      | \$ | 5.23                | \$ 6.0006       | \$ <b>6.01</b>        | 15%         | \$773,199          |    |         |
| 3/4                                      | \$ | 5.48                | 6.2612          | <b>6.27</b>           | 14%         | 190,658            |    |         |
| 1  | \$ | 7.27                | 8.1618          | <b>8.17</b>           | 12%         | 55,981             |    |         |
| 1.5                                      | \$ | 11.64               | 12.8077         | <b>12.81</b>          | 10%         | 58,875             |    |         |
| 2  | \$ | 16.20               | 17.6518         | <b>17.66</b>          | 9%          | 54,040             |    |         |
| 3  | \$ | 42.06               | 45.1493         | <b>45.15</b>          | 7%          | 32,508             |    |         |
| 4  | \$ | 49.42               | 52.9679         | <b>52.97</b>          | 7%          | 9,535              |    |         |
| 5  | \$ | 59.22               | 63.3926         | <b>63.40</b>          | 7%          | 0                  |    |         |
| 6  | \$ | 66.58               | 71.2112         | <b>71.22</b>          | 7%          | 29,058             |    |         |
| 8  | \$ | 86.19               | 92.0607         | <b>92.07</b>          | 7%          | 4,419              |    |         |
| 10                                       | \$ | 121.73              | 129.8505        | <b>129.86</b>         | 7%          | 3,117              |    |         |
| Portsmouth Base Charge (4")              | \$ | 1.56                | 2.0935          | <b>2.10</b>           | 35%         | 25                 |    |         |
|  |    |                     |                 |                       |             | 1,211,413          |    |         |
| <b>Volume Charge (per 1,000 gallons)</b> |    |                     |                 |                       |             |                    |    |         |
| Retail                                   |    |                     |                 |                       |             |                    |    |         |
| Residential                              | \$ | 10.40               | \$ 10.9054      | \$ <b>10.91</b>       | 5%          | 6,813,295          |    |         |
| Non-Residential                          | \$ | 11.22               | \$ 11.3529      | \$ <b>11.36</b>       | 1%          | 5,057,472          |    |         |
|  |    |                     |                 |                       |             | \$ 11,870,767      |    |         |
| Wholesale                                |    |                     |                 |                       |             |                    |    |         |
| Navy                                     | \$ | 7.5620              | \$ 7.7866       | \$ <b>7.7866</b>      | 3%          | 1,470,889          |    |         |
| Portsmouth Water & Fire District         | \$ | 6.1387              | \$ 6.8418       | \$ <b>6.8419</b>      | 11%         | 2,579,396          |    |         |
|  |    |                     |                 |                       |             | \$ 4,050,285       |    |         |
| <b>Fire Protection</b>                   |    |                     |                 |                       |             |                    |    |         |
| Public (per hydrant)                     |    |                     |                 |                       |             |                    |    |         |
|  | \$ | 1,095.30            | \$ 1,202.74     | \$ <b>1,202.74</b>    | 10%         | \$ 1,253,255       |    |         |
| Private (by Connection Size)             |    |                     |                 |                       |             |                    |    |         |
|  |    | Connection Size     | Differential    |                       |             |                    |    |         |
|  |    | <2                  |                 | \$38.59               | \$ 38.56    | \$ <b>38.56</b>    | 0% |         |
|  |    | 2                   | 6.19            | \$161.55              | \$ 161.42   | \$ <b>161.42</b>   | 0% | -       |
|  |    | 4                   | 38.32           | \$543.14              | \$ 566.70   | \$ <b>566.70</b>   | 4% | 44,769  |
|  |    | 6                   | 111.31          | \$1,224.74            | \$ 1,313.30 | \$ <b>1,313.30</b> | 7% | 311,252 |
|  |    | 8                   | 237.21          | \$2,400.37            | \$ 2,601.04 | \$ <b>2,601.04</b> | 8% | 140,456 |
|  |    | 10                  | 426.58          | \$4,168.75            | \$ 4,538.06 | \$ <b>4,538.06</b> | 9% | 22,690  |
|  |    | 12                  | 689.04          | \$6,619.67            | \$ 7,222.70 | \$ <b>7,222.70</b> | 9% | -       |
|  |    |                     |                 |                       |             | \$ 519,168         |    |         |

**Total Projected Rate Revenues \$ 18,904,888**

Docket 4933

Rhode Island Public Utilities Commission  
 Docket 4933  
 FY 2020 Rate Filing  
 HJS Schedule A-3A Second Step Compliance Filing  
 Bill Impacts  
 Page 1 of 3

| Customer Class        | Proposed<br>5/8 Inch Meter           |                                    |                                     |                  | Proposed<br>3/4 Inch Meter |                                    |                                     |                  | Proposed<br>1 Inch Meter |                                    |                                     |                  | Proposed<br>1.5 Inch Meter |                                    |                                     |                  | Proposed<br>2 Inch Meter |                                    |                         |                  | Proposed<br>3 Inch Meter |                                    |                         |                  |                   |
|-----------------------|--------------------------------------|------------------------------------|-------------------------------------|------------------|----------------------------|------------------------------------|-------------------------------------|------------------|--------------------------|------------------------------------|-------------------------------------|------------------|----------------------------|------------------------------------|-------------------------------------|------------------|--------------------------|------------------------------------|-------------------------|------------------|--------------------------|------------------------------------|-------------------------|------------------|-------------------|
|                       | Consumption<br>per Bill<br>(gallons) | Annual Bill<br>at Current<br>Rates | Annual Bill<br>at Proposed<br>Rates | Dollar<br>Change | Percent<br>Change          | Annual Bill<br>at Current<br>Rates | Annual Bill<br>at Proposed<br>Rates | Dollar<br>Change | Percent<br>Change        | Annual Bill<br>at Current<br>Rates | Annual Bill<br>at Proposed<br>Rates | Dollar<br>Change | Percent<br>Change          | Annual Bill<br>at Current<br>Rates | Annual Bill<br>at Proposed<br>Rates | Dollar<br>Change | Percent<br>Change        | Annual Bill<br>at Current<br>Rates | at<br>Proposed<br>Rates | Dollar<br>Change | Percent<br>Change        | Annual Bill<br>at Current<br>Rates | at<br>Proposed<br>Rates | Dollar<br>Change | Percent<br>Change |
| Residential (Monthly) | 1,000                                | \$187.56                           | \$202.92                            | \$15.36          | 8.2%                       | \$190.56                           | \$206.04                            | \$15.48          | 8.3%                     | \$212.04                           | \$228.84                            | \$16.80          | 9.0%                       | \$264.48                           | \$284.64                            | \$20.16          | 10.7%                    | \$319.20                           | \$342.72                | \$23.52          | 12.5%                    | \$629.52                           | \$672.72                | \$43.20          | 23.0%             |
|                       | 2,000                                | \$312.36                           | \$333.84                            | \$21.48          | 6.9%                       | \$315.36                           | \$336.96                            | \$21.60          | 6.9%                     | \$336.84                           | \$359.76                            | \$22.92          | 7.3%                       | \$389.28                           | \$415.56                            | \$26.28          | 8.4%                     | \$444.00                           | \$473.64                | \$29.64          | 9.5%                     | \$754.32                           | \$803.64                | \$49.32          | 15.8%             |
|                       | 4,000                                | \$561.96                           | \$595.68                            | \$33.72          | 6.0%                       | \$564.96                           | \$598.80                            | \$33.84          | 6.0%                     | \$586.44                           | \$621.60                            | \$35.16          | 6.3%                       | \$638.88                           | \$677.40                            | \$38.52          | 6.9%                     | \$693.60                           | \$735.48                | \$41.88          | 7.5%                     | \$1,003.92                         | \$1,065.48              | \$61.56          | 11.0%             |
|                       | 5,000                                | \$686.76                           | \$726.60                            | \$39.84          | 5.8%                       | \$689.76                           | \$729.72                            | \$39.96          | 5.8%                     | \$711.24                           | \$752.52                            | \$41.28          | 6.0%                       | \$763.68                           | \$808.32                            | \$44.64          | 6.5%                     | \$818.40                           | \$866.40                | \$48.00          | 7.0%                     | \$1,128.72                         | \$1,196.40              | \$67.68          | 9.9%              |
|                       | 7,500                                | \$998.76                           | \$1,053.90                          | \$55.14          | 5.5%                       | \$1,001.76                         | \$1,057.02                          | \$55.26          | 5.5%                     | \$1,023.24                         | \$1,079.82                          | \$56.58          | 5.7%                       | \$1,075.68                         | \$1,135.62                          | \$59.94          | 6.0%                     | \$1,130.40                         | \$1,193.70              | \$63.30          | 6.3%                     | \$1,440.72                         | \$1,523.70              | \$82.98          | 8.3%              |
|                       | 10,000                               | \$1,310.76                         | \$1,381.20                          | \$70.44          | 5.4%                       | \$1,313.76                         | \$1,384.32                          | \$70.56          | 5.4%                     | \$1,335.24                         | \$1,407.12                          | \$71.88          | 5.5%                       | \$1,387.68                         | \$1,462.92                          | \$75.24          | 5.7%                     | \$1,442.40                         | \$1,521.00              | \$78.60          | 6.0%                     | \$1,752.72                         | \$1,851.00              | \$98.28          | 7.5%              |
|                       | 15,000                               | \$1,934.76                         | \$2,035.80                          | \$101.04         | 5.2%                       | \$1,937.76                         | \$2,038.92                          | \$101.16         | 5.2%                     | \$1,959.24                         | \$2,061.72                          | \$102.48         | 5.3%                       | \$2,011.68                         | \$2,117.52                          | \$105.84         | 5.5%                     | \$2,066.40                         | \$2,175.60              | \$109.20         | 5.6%                     | \$2,376.72                         | \$2,505.60              | \$128.88         | 6.7%              |
|                       | 20,000                               | \$2,558.76                         | \$2,690.40                          | \$131.64         | 5.1%                       | \$2,561.76                         | \$2,693.52                          | \$131.76         | 5.1%                     | \$2,583.24                         | \$2,716.32                          | \$133.08         | 5.2%                       | \$2,635.68                         | \$2,772.12                          | \$136.44         | 5.3%                     | \$2,690.40                         | \$2,830.20              | \$139.80         | 5.5%                     | \$3,000.72                         | \$3,160.20              | \$159.48         | 6.2%              |
|                       | 25,000                               | \$3,182.76                         | \$3,345.00                          | \$162.24         | 5.1%                       | \$3,185.76                         | \$3,348.12                          | \$162.36         | 5.1%                     | \$3,207.24                         | \$3,370.92                          | \$163.68         | 5.1%                       | \$3,259.68                         | \$3,426.72                          | \$167.04         | 5.2%                     | \$3,314.40                         | \$3,484.80              | \$170.40         | 5.4%                     | \$3,624.72                         | \$3,814.80              | \$190.08         | 6.0%              |
|                       | 30,000                               | \$3,806.76                         | \$3,999.60                          | \$192.84         | 5.1%                       | \$3,809.76                         | \$4,002.72                          | \$192.96         | 5.1%                     | \$3,831.24                         | \$4,025.52                          | \$194.28         | 5.1%                       | \$3,883.68                         | \$4,081.32                          | \$197.64         | 5.2%                     | \$3,938.40                         | \$4,139.40              | \$201.00         | 5.3%                     | \$4,248.72                         | \$4,469.40              | \$220.68         | 5.8%              |

HJS Exhibit 5 (CF)

Docket 4933

Rhode Island Public Utilities Commission  
 Docket 4933  
 FY 2020 Rate Filing  
 HJS Schedule A-3A Second Step Compliance Filing  
 Bill Impacts  
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| Customer Class            | Proposed 5/8 Inch Meter       |                              |                               |               | Proposed 3/4 Inch Meter |                              |                               |               | Proposed 1 Inch Meter |                              |                               |               | Proposed 1.5 Inch Meter |                              |                               |               | Proposed 2 Inch Meter |                              |                   |               | Proposed 3 Inch Meter |                              |                   |               |                |
|---------------------------|-------------------------------|------------------------------|-------------------------------|---------------|-------------------------|------------------------------|-------------------------------|---------------|-----------------------|------------------------------|-------------------------------|---------------|-------------------------|------------------------------|-------------------------------|---------------|-----------------------|------------------------------|-------------------|---------------|-----------------------|------------------------------|-------------------|---------------|----------------|
|                           | Monthly Consumption (gallons) | Annual Bill at Current Rates | Annual Bill at Proposed Rates | Dollar Change | Percent Change          | Annual Bill at Current Rates | Annual Bill at Proposed Rates | Dollar Change | Percent Change        | Annual Bill at Current Rates | Annual Bill at Proposed Rates | Dollar Change | Percent Change          | Annual Bill at Current Rates | Annual Bill at Proposed Rates | Dollar Change | Percent Change        | Annual Bill at Current Rates | at Proposed Rates | Dollar Change | Percent Change        | Annual Bill at Current Rates | at Proposed Rates | Dollar Change | Percent Change |
| Non-Residential (Monthly) | 2,000                         | \$332.04                     | \$344.64                      | \$12.60       | 3.8%                    | \$335.04                     | \$347.76                      | \$12.72       | 3.8%                  | \$356.52                     | \$370.56                      | \$14.04       | 4.2%                    | \$408.96                     | \$426.36                      | \$17.40       | 5.2%                  | \$463.68                     | \$484.44          | \$20.76       | 6.3%                  | \$754.32                     | \$803.64          | \$49.32       | 14.9%          |
|                           | 5,000                         | \$735.96                     | \$753.60                      | \$17.64       | 2.4%                    | \$738.96                     | \$756.72                      | \$17.76       | 2.4%                  | \$760.44                     | \$779.52                      | \$19.08       | 2.6%                    | \$812.88                     | \$835.32                      | \$22.44       | 3.0%                  | \$867.60                     | \$893.40          | \$25.80       | 3.5%                  | \$1,128.72                   | \$1,196.40        | \$67.68       | 9.2%           |
|                           | 9,000                         | \$1,274.52                   | \$1,298.88                    | \$24.36       | 1.9%                    | \$1,277.52                   | \$1,302.00                    | \$24.48       | 1.9%                  | \$1,299.00                   | \$1,324.80                    | \$25.80       | 2.0%                    | \$1,351.44                   | \$1,380.60                    | \$29.16       | 2.3%                  | \$1,406.16                   | \$1,438.68        | \$32.52       | 2.6%                  | \$1,627.92                   | \$1,720.08        | \$92.16       | 7.2%           |
|                           | 25,000                        | \$3,428.76                   | \$3,480.00                    | \$51.24       | 1.5%                    | \$3,431.76                   | \$3,483.12                    | \$51.36       | 1.5%                  | \$3,453.24                   | \$3,505.92                    | \$52.68       | 1.5%                    | \$3,505.68                   | \$3,561.72                    | \$56.04       | 1.6%                  | \$3,560.40                   | \$3,619.80        | \$59.40       | 1.7%                  | \$3,624.72                   | \$3,814.80        | \$190.08      | 5.5%           |
|                           | 30,000                        | \$4,101.96                   | \$4,161.60                    | \$59.64       | 1.5%                    | \$4,104.96                   | \$4,164.72                    | \$59.76       | 1.5%                  | \$4,126.44                   | \$4,187.52                    | \$61.08       | 1.5%                    | \$4,178.88                   | \$4,243.32                    | \$64.44       | 1.6%                  | \$4,233.60                   | \$4,301.40        | \$67.80       | 1.7%                  | \$4,248.72                   | \$4,469.40        | \$220.68      | 5.4%           |
|                           | 40,000                        | \$5,448.36                   | \$5,524.80                    | \$76.44       | 1.4%                    | \$5,451.36                   | \$5,527.92                    | \$76.56       | 1.4%                  | \$5,472.84                   | \$5,550.72                    | \$77.88       | 1.4%                    | \$5,525.28                   | \$5,606.52                    | \$81.24       | 1.5%                  | \$5,580.00                   | \$5,664.60        | \$84.60       | 1.6%                  | \$5,496.72                   | \$5,778.60        | \$281.88      | 5.2%           |
|                           | 50,000                        | \$6,794.76                   | \$6,888.00                    | \$93.24       | 1.4%                    | \$6,797.76                   | \$6,891.12                    | \$93.36       | 1.4%                  | \$6,819.24                   | \$6,913.92                    | \$94.68       | 1.4%                    | \$6,871.68                   | \$6,969.72                    | \$98.04       | 1.4%                  | \$6,926.40                   | \$7,027.80        | \$101.40      | 1.5%                  | \$6,744.72                   | \$7,087.80        | \$343.08      | 5.0%           |
|                           | 75,000                        | \$10,160.76                  | \$10,296.00                   | \$135.24      | 1.3%                    | \$10,163.76                  | \$10,299.12                   | \$135.36      | 1.3%                  | \$10,185.24                  | \$10,321.92                   | \$136.68      | 1.3%                    | \$10,237.68                  | \$10,377.72                   | \$140.04      | 1.4%                  | \$10,292.40                  | \$10,435.80       | \$143.40      | 1.4%                  | \$9,864.72                   | \$10,360.80       | \$496.08      | 4.9%           |
|                           | 100,000                       | \$13,526.76                  | \$13,704.00                   | \$177.24      | 1.3%                    | \$13,529.76                  | \$13,707.12                   | \$177.36      | 1.3%                  | \$13,551.24                  | \$13,729.92                   | \$178.68      | 1.3%                    | \$13,603.68                  | \$13,785.72                   | \$182.04      | 1.3%                  | \$13,658.40                  | \$13,843.80       | \$185.40      | 1.4%                  | \$12,984.72                  | \$13,633.80       | \$649.08      | 4.8%           |

  

| Customer Class   | Proposed 5/8 Inch Meter      |                              |                               |               | Proposed 3/4 Inch Meter |                              |                               |               | Proposed 1 Inch Meter |                              |                               |               | Proposed 1.5 Inch Meter |                              |                               |               | Proposed 2 Inch Meter |                              |                   |               | Proposed 3 Inch Meter |                              |                   |               |                |
|--|------------------------------|------------------------------|-------------------------------|---------------|-------------------------|------------------------------|-------------------------------|---------------|-----------------------|------------------------------|-------------------------------|---------------|-------------------------|------------------------------|-------------------------------|---------------|-----------------------|------------------------------|-------------------|---------------|-----------------------|------------------------------|-------------------|---------------|----------------|
|  | Annual Consumption (gallons) | Annual Bill at Current Rates | Annual Bill at Proposed Rates | Dollar Change | Percent Change          | Annual Bill at Current Rates | Annual Bill at Proposed Rates | Dollar Change | Percent Change        | Annual Bill at Current Rates | Annual Bill at Proposed Rates | Dollar Change | Percent Change          | Annual Bill at Current Rates | Annual Bill at Proposed Rates | Dollar Change | Percent Change        | Annual Bill at Current Rates | at Proposed Rates | Dollar Change | Percent Change        | Annual Bill at Current Rates | at Proposed Rates | Dollar Change | Percent Change |
| Non-Residential with 6" Fire Connection(Monthly Account) | 9,000                        | \$163.74                     | \$174.24                      | \$10.50       | 6.4%                    | \$168.00                     | \$177.36                      | \$9.36        | 5.7%                  | \$189.48                     | \$200.16                      | \$10.68       | 6.5%                    | \$241.92                     | \$255.96                      | \$14.04       | 8.6%                  | \$296.64                     | \$314.04          | \$17.40       | 10.6%                 | \$606.96                     | \$644.04          | \$37.08       | 22.6%          |
| Base Charge and Commodity Charges                        |                              | \$1,224.74                   | \$1,313.31                    | \$88.57       | 7.2%                    | \$1,224.74                   | \$1,313.31                    | \$88.57       | 7.2%                  | \$1,224.74                   | \$1,313.31                    | \$88.57       | 7.2%                    | \$1,224.74                   | \$1,313.31                    | \$88.57       | 7.2%                  | \$1,224.74                   | \$1,313.31        | \$88.57       | 7.2%                  | \$1,224.74                   | \$1,313.31        | \$88.57       | 7.2%           |
| Fire Protection Charge                                   |                              | \$1,388.48                   | \$1,487.55                    | \$99.07       | 7.1%                    | \$1,392.74                   | \$1,490.67                    | \$97.93       | 7.1%                  | \$1,414.22                   | \$1,513.47                    | \$99.25       | 7.1%                    | \$1,466.66                   | \$1,569.27                    | \$102.61      | 7.4%                  | \$1,521.38                   | \$1,627.35        | \$105.97      | 7.6%                  | \$1,831.70                   | \$1,957.35        | \$125.65      | 9.0%           |
| Total Annual Charges                                     |                              |                              |                               |               |                         |                              |                               |               |                       |                              |                               |               |                         |                              |                               |               |                       |                              |                   |               |                       |                              |                   |               |                |

HJS Exhibit 5 (CF)

Rhode Island Public Utilities Commission  
 Docket 4933  
 FY 2020 Rate Filing  
 HJS Schedule A-3A Second Step Compliance Filing  
 Bill Impacts - Cost of Service Rates  
 Page 3 of 3

Docket 4933

| Customer Class | Monthly Consumption (gallons) | Monthly Bill at Current Rates | Proposed                       |               |                |
|----------------|-------------------------------|-------------------------------|--------------------------------|---------------|----------------|
|                |                               |                               | Monthly Bill at Proposed Rates | Dollar Change | Percent Change |
| Portsmouth     | 10,000,000                    | \$61,392                      | \$68,472                       | \$7,080       | 11.5%          |
|                | 20,000,000                    | \$122,780                     | \$136,891                      | \$14,111      | 11.5%          |
|                | 32,000,000                    | \$196,444                     | \$218,994                      | \$22,550      | 11.5%          |
|                | 40,000,000                    | \$245,554                     | \$273,729                      | \$28,175      | 11.5%          |
|                | 75,000,000                    | \$460,409                     | \$513,195                      | \$52,786      | 11.5%          |
| Navy 6" meter  | 5,000,000                     | \$37,896                      | \$38,934                       | \$1,037       | 2.7%           |
|                | 16,000,000                    | \$121,114                     | \$124,587                      | \$3,473       | 2.9%           |
|                | 38,000,000                    | \$287,358                     | \$295,895                      | \$8,537       | 3.0%           |
|                | 50,000,000                    | \$378,113                     | \$389,335                      | \$11,222      | 3.0%           |

Rhode Island Public Utilities Commission  
Docket 4933  
FY 2020 Rate Filing  
HJS Schedule A-4 Second Step Compliance Filing  
Revenue Proof

|   | Annual Revenue         |                           |
|---|------------------------|---------------------------|
|   | Existing Rates         | Proposed<br>FY 2023 Rates |
| <b>REVENUES</b>                           |                        |                           |
| <b>Water Rates</b>                        |                        |                           |
| Base Charge (Billing Charge)              | \$ 1,064,311           | \$ 1,209,719              |
| Volume Charge                             |                        |                           |
| Residential                               | 6,494,800              | 6,813,295                 |
| Non-Residential                           | 4,995,144              | 5,057,472                 |
| Navy                                      | 1,428,469              | 1,470,908                 |
| Portsmouth Water & Fire District          | 2,314,297              | 2,579,396                 |
| Fire Protection                           |                        |                           |
| Public                                    | 1,141,303              | 1,253,276                 |
| Private                                   | 483,635                | 519,172                   |
| Total Rate Revenues                       | \$ 17,921,959          | \$ 18,903,238             |
| <b>Other Operating Revenues</b>           |                        |                           |
| Sundry charges                            | \$ 133,000             | 133,000                   |
| WPC cost share on customer service        | \$ 351,482             | 351,482                   |
| Middletown cost share on customer service | \$ 178,782             | 178,782                   |
| Rental of Property                        | \$ 90,000              | 90,000                    |
| Total Other Operating Revenues            | \$ 753,264             | 753,264                   |
| <b>Total Operating Revenues</b>           | <b>\$ 18,675,223</b>   | <b>\$ 19,656,502</b>      |
| Add: Non-Operating Revenues               |                        |                           |
| Water Penalty                             | 50,000                 | 50,000                    |
| Miscellaneous*                            | 11,300                 | 11,300                    |
| Investment Interest Income                | 20,000                 | 20,000                    |
| Water Quality Protection Fees             | 21,000                 | 21,000                    |
| <b>Total Non Operating Revenues</b>       | <b>\$ 102,300</b>      | <b>\$ 102,300</b>         |
| <b>Total Revenues</b>                     | <b>\$ 18,777,523</b>   | <b>\$ 19,758,802</b>      |
| <b>COSTS</b>                              |                        |                           |
| <b>Departmental O&amp;M</b>               | \$ (10,179,034)        | (10,179,034)              |
| <b>Capital Costs</b>                      |                        |                           |
| Contribution to Capital Spending Acct.    | (2,500,000)            | (2,500,000)               |
| Contribution to Debt Service Acct.        | (6,920,000)            | (\$6,920,000)             |
| <b>Total Capital Costs</b>                | <b>\$ (9,420,000)</b>  | <b>(9,420,000)</b>        |
| <b>Operating Revenue Allowance</b>        | (152,686)              | (152,686)                 |
| <b>Total Costs</b>                        | <b>\$ (19,751,719)</b> | <b>\$ (19,751,719)</b>    |
| <b>Revenue Surplus (Deficit)</b>          | <b>\$ (974,196)</b>    | <b>\$ 7,083</b>           |

# City of Newport Department of Utilities



**PREFILED TESTIMONY**

**OF**

**ROBERT C. SCHULTZ, JR.  
DIRECTOR OF UTILITIES  
CITY OF NEWPORT**

**IN SUPPORT OF**

**THE CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION'S  
MULTI-YEAR RATE PLAN COMPLIANCE FILING AND  
NOTICE OF CHANGE IN RATES PURSUANT TO R.I.G.L. § 39-15.1-4**

**DOCKET 4933**

**BEFORE THE**

**RHODE ISLAND PUBLIC UTILITIES COMMISSION**

**APRIL 2022**

1 **I. INTRODUCTION**

2 **Q. Please provide your full name, title and business address.**

3 A. Robert C. Schultz, Jr., and I am employed by the City of Newport where I serve as  
4 Director of Utilities. My business address is 70 Halsey Street, Newport, RI.

5

6 **Q. How long have you held this position?**

7 A. I began my employment with the City of Newport on December 10, 2012, as Deputy  
8 Director - Engineering. When Julia Fogue, the Director of Utilities, retired in July 2021, I  
9 served as Acting Director and was officially named Director on December 1, 2021.

10

11 **Q. What responsibilities do you have as Acting Director of Utilities with regard to the**  
12 **Newport Water System?**

13 A. I serve as the general manager of the water and water pollution control divisions. I  
14 plan, organize and direct activities for the Water Division ("Newport Water" or  
15 "Newport"). I direct and oversee the work of supervisors on administrative and  
16 technical issues conforming to a policy framework established by the City of Newport  
17 and State and Federal agencies.

18

19 **Q. Can you provide a brief description of your work experience?**

20 A. Prior to working for the City of Newport, I was employed by Rhode Island Department  
21 of Health, Office of Drinking Water Quality as a Senior Sanitary Engineer. As the Senior  
22 Sanitary Engineer, I was responsible for staff engaged in the sanitary engineering  
23 program and performed professional engineering work involving complex problems  
24 with public water systems. Additionally, I managed the Water System Security &  
25 Emergency Preparedness Program. Before working for the Rhode Island Department of  
26 Health, Office of Drinking Water Quality, I held various roles, including principal



1 engineer, principal surveyor, senior project manager, and project engineering at  
2 consulting and construction firms in Rhode Island.

3

4 **Q. What is your educational background?**

5 A. I received a Bachelor of Science, Civil & Environmental Engineering from the  
6 University of Rhode Island in 2003 and a graduate-level homeland security leadership  
7 program at the University of Connecticut from 2009 to 2012. I am a registered  
8 Profesional Engineer and Profesional Land Surveyor in Rhode Island. Additionally, I am a  
9 certified Distribution and Treatment Operator in Rhode Island and Massachusetts.

10

11 **Q. Do you have any professional affiliations?**

12 A. Yes, I am a member of the American Water Works Association, New England  
13 Waterworks Association, and Rhode Island Waterworks Association. I am also a member  
14 of the Association of State Dam Safety Officials, Water Environment Federation, and  
15 Rhode Island Society of Professional Land Surveyors.

16

17 **Q Please describe your role in this proceeding?**

18 A. I am testifying in support of Newport Water's Multi-Year Rate Plan Compliance Filing  
19 And Notice Of Change In Rates Pursuant To R.I.G.L. § 39-15.1-4. This is Newport's final  
20 compliance filing related to the multi-year rate increase approved by the Commission in  
21 Docket 4933 (Order No. 23855).

22

23 **II. NEWPORT WATER'S MULTI-YEAR RATE INCREASE**

24 **Q. Please provide an overview of the multi-year rate increase approved by the**  
25 **Commission in Docket 4933.**

1 A. On February 13, 2019, Newport Water filed an application for a general rate increase  
2 (Docket 4933). In its application, Newport Water proposed a multi-year rate plan  
3 pursuant to R.I.G.L. §39-15.1-4. The first phase (“Step One”) of the increase took effect  
4 in Fiscal Year (“FY”) 2020, and the second phase (“Step Two”) was to take effect in FY  
5 2022, subject to a compliance filing as required by R.I.G.L. § 39-15.1-4. The Step One  
6 increase was driven primarily by a decrease in consumption and an increase in  
7 operation and maintenance expenses, and the Step Two increase was required to  
8 service debt on approximately \$7,441,000 of borrowings through the Rhode Island  
9 Infrastructure Bank (“RIIB”) to fund system wide main improvements. The parties in  
10 Docket 4933 entered into a revised settlement agreement, and through a written order  
11 (#23855), the Commission approved Newport Water’s two-step increase, subject to a  
12 compliance filing. HJS Schedule 1 (CF) attached hereto sets forth the rates approved for  
13 Step One in FY 2020 and the anticipated rates for Step Two in FY 2022. As part of the  
14 Commission’s Order, it also directed Newport Water to implement true “cost-of-  
15 service” based rates for each customer class, including Newport Water’s two wholesale  
16 customers – the United States Navy and the Portsmouth Water and Fire District.  
17 However, the Commission ordered that true cost-of-service rates be implemented  
18 gradually. The Step One increase moved rates half-way toward true cost-of-service, and  
19 the Step Two increase sets rates at true cost-of-service.

20

21 On March 30, 2021, Newport Water filed a Petition to Amend Multi-Year Rate Plan  
22 Pursuant To R.I.G.L. § 39-15.1-4(d) seeking to postpone the Step Two Increase for one  
23 year from July 1, 2021 (for FY 2022) to July 1, 2022 (for FY 2023). Newport was able to  
24 postpone this Step Two Increase because it received money from RIIB for a series of  
25 loan refundings.

26

1 **Q. What is the status of the borrowings for the system wide main improvements?**

2 A. In 2020, Newport Water borrowed four million one hundred thirty one thousand  
3 dollars (\$4,131,000) through revenue bonds from the Rhode Island Infrastructure Bank  
4 Safe Drinking Water State Revolving Fund to finance water main improvements,  
5 including the cleaning and lining of 3100 liner feet of 20-inch cast iron main in  
6 Annandale Road in Newport and 1700 liner feet of 20-inch cast iron water main in  
7 Narragansett Avenue in Newport. Newport anticipates borrowing approximately  
8 \$3,500,000 in 2022? to fund distribution main improvements on Spring Street in  
9 Newport.

10

11 **Q. Is Newport requesting the same level of funding for debt service that was**  
12 **preliminarily approved by the Commission in Docket 4933?**

13 A. No. As set forth in the Docket 4933 revised settlement agreement and order,  
14 Newport originally anticipated it would have to increase its debt service funding by  
15 \$1,337,412 annually from \$6,000,000 per year (\$500,000 per month) to \$7,337,412 per  
16 year (\$611,451 per month) in FY 2022. As set forth on HJS Schedule 2 (CF), Newport  
17 actually needs to increase its debt service funding by \$920,004 annually from  
18 \$6,000,000 per year (\$500,000 per month) to \$6,920,004 (\$576,667 per month).

19

20 **III. NAVY WHEELING ACCOUNTS**

21 **Q. The Docket 4933 settlement agreement addressed the potential transfer of certain**  
22 **wheeling accounts from Newport to the Navy in conjunction with the implementation**  
23 **of the Step Two increase in FY 2022. What is the status of this transfer?**

24 A. No. The Docket 4933 settlement agreement stated that:

25

1 "Newport and Navy agree to pursue the steps necessary to achieve transfer of the  
2 wheeling accounts with a target date of January 2021 for completion of the transfer. If  
3 the contract can be modified and the transfer steps completed by this date, Newport  
4 can make the necessary adjustments to its revenues, subject to approval by the  
5 Commission, as part of Newport's compliance filing for the implementation of the  
6 second step increase in FY 2022."

7

8 In November 2020, the Navy informed Newport that it would not be able to accomplish  
9 all the steps necessary by January 2021 to transfer the accounts in time for Newport's  
10 implementation of the Step Two rates in FY 2022, and the Navy has not taken any steps  
11 regarding the potential transfer at this time. Thus, any transfer of these accounts will  
12 have to wait until Newport's next rate case.

13

14 **IV. CONCLUSION**

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

16 A. Yes it does.

**CERTIFICATION**

I hereby certify that on April 29, 2022 , I sent a copy of the within to all parties set forth on the attached Service List from Docket 4933 by electronic mail and copies to Luly Massaro, Commission Clerk, and the Rhode Island Department of Attorney General by electronic mail and regular mail.

| <b>Parties/Address</b>  | <b>E-mail Distribution</b>   | <b>Phone</b> |
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| <b>File an original and nine (9) copies w/:</b><br>Luly E. Massaro, Commission Clerk<br>John Harrington, Commission Counsel<br>Public Utilities Commission<br>89 Jefferson Blvd.<br>Warwick, RI 02888 | <a href="mailto:Luly.massaro@puc.ri.gov">Luly.massaro@puc.ri.gov</a> ;<br><a href="mailto:John.harrington@puc.ri.gov">John.harrington@puc.ri.gov</a> ;<br><a href="mailto:Alan.nault@puc.ri.gov">Alan.nault@puc.ri.gov</a> ;   | 401-780-2107          |

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