



STATE OF DELAWARE

PUBLIC SERVICE COMMISSION
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November 8, 2018

MEMORANDUM

TO: The Chairman and Members of the Commission

FROM: Dimitar Kozhuharov, Public Utilities Analyst ^{DK}

SUBJECT: COMPLIANCE FILING IN THE MATTER OF THE APPLICATION OF DELMARVA POWER & LIGHT COMPANY FOR APPROVAL OF QUALIFIED FUEL CELL PROVIDER PROJECT TARIFFS (FILED OCTOBER 29, 2018) – PSC DOCKET NO. 18-1165

On July 7, 2011, the Governor of the State of Delaware signed into law Amendments (the “Amendments”) to the Renewable Energy Portfolio Standards Act (the “REPSA”) that added Delaware-manufactured fuel cells to the REPSA and allowed energy output from such fuel cells to be considered a resource eligible to fulfill a portion of a Delaware Public Service Commission-regulated electric company’s renewable energy credit requirements under REPSA.

The Amendments created a regulatory framework whereby the Commission-regulated electric company, Delmarva Power & Light Company (“Delmarva”), and the Qualified Fuel Cell Provider (“QFCP”)¹ will jointly submit tariffs that enable and obligate Delmarva, as the agent for collection and disbursement, to collect from its customers a non-bypassable charge (“QFCP-RC Charge”) for costs incurred for incremental site preparation, filing, administrative and other costs incurred by the QFCP. The QFCP-RC Charge is reduced by compensation to the Qualified Fuel Cell Provider Project (“QFCPP”) for any revenues received from PJM or its successors at law from the output of the QFCPP.

On August 19, 2011, in PSC Docket No. 11-362, Delmarva filed an application for approval of a new electric tariff for Service Classification QFCP-RC (“Electric Tariff”) and a new gas tariff for Service Classification LVG-QFCP-RC pursuant to the Amendments. On October 18, 2011, the Commission issued Order No. 8062 which approved this tariff filing. On December 1, 2011, the Commission signed Order No. 8079, which, among other things, adopted Order No. 8062. Pursuant to the Electric Tariff, Delmarva is serving in its mandatory role as a collection agent for the QFCP. In compliance with the Electric Tariff, Delmarva will provide monthly filings to account for the varying QFCP-RC Charge.

On April 2, 2012, Delmarva submitted its first monthly filing (“Compliance Filing”) as required by its Commission-approved Electric Tariff filed in PSC Docket No. 11-362. By Order No. 8136, the Commission permitted the May 2012 QFCP-RC Charge to take effect and required Delmarva to provide to Staff, with each future Compliance Filing under the REPSA, all documents that Staff requested from Delmarva as part of its review of the prior Compliance Filing.

¹ All references to capitalized terms are set forth in 26 *Del. C.* §352.

On October 29, 2018, Delmarva submitted its eightieth compliance filing (true-ups) of the September billing revenues, September PJM revenues, and September operational costs included in the QFCP-RC Charge. The rates for each customer classification are provided below:

| December 2018 QFCP-RC Charge | | |
|---|-------------------|-----------------------------------|
| Service Classification | \$ per kWh | Change from Previous Month |
| Residential | 0.004279 | (\$0.000732) |
| Residential – Space Heating | 0.004279 | (\$0.000732) |
| Residential Time-of-Use "R-TOU" | - | - |
| Residential Time-of-Use NON-Demand "R-TOU-ND" | 0.004279 | (\$0.000732) |
| Small General Service - Secondary Non-Demand "SGS-ND" | 0.004279 | (\$0.000732) |
| Space Heating Secondary Service "SGS-ND" and "MGS-S" | 0.004279 | (\$0.000732) |
| Water Heating Secondary Service "SGS-ND" and "MGS-S" | 0.004279 | (\$0.000732) |
| Outdoor Recreational Lighting Svc - Secondary "ORL" | 0.004279 | (\$0.000732) |
| Medium General Service - Secondary "MGS-S" | 0.004279 | (\$0.000732) |
| Large General Service - Secondary "LGS-S" | 0.004279 | (\$0.000732) |
| General Service - Primary "GS-P" | 0.004193 | (\$0.000718) |
| General Service - Transmission "GS-T" | 0.004095 | (\$0.000701) |
| Outdoor Lighting PL | 0.004279 | (\$0.000732) |
| Outdoor Lighting SL | 0.004279 | (\$0.000732) |

26 Del. C. §364 (d) (4) provides as follows: **“Notwithstanding § 306 of this title or any other provision of the Delaware Code to the contrary, any changes in rates or charges necessary to collect funds for disbursements or costs addressed in subsections (a)-(c) of this section through adjustable non-bypassable charges shall become effective 30 days after filing, absent a determination of manifest error by the Public Service Commission. The Commission may allow changes in rates or charges related to such adjustable non-bypassable charges to become effective less than 30 days after filing under such conditions as it may prescribe.”**

Delmarva has developed communications on renewable energy and alternative energy, including bill inserts and talking points for Delmarva call center employees. Detailed information on the Qualified Fuel Cell Provider Project can be found in Delmarva’s Electric Tariff (QFCP-RC Leaf No. 74 -74r).

Staff performed a review of the calculations and the QFCP-RC Charge provided in the Compliance Filing submitted October 29, 2018. Staff’s review did not find any manifest errors in the calculations, costs, or revenues. Therefore, Staff recommends that the December QFCP-RC Charge be permitted to take effect for bills issued by Delmarva to its customers between December 1, 2018, and December 31, 2018.

Attachment A

QFCP-RC Charge-All Months

| Service Classification | May-12* | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12** | Dec-12 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh |
| Residential | \$ 0.000143 | \$ 0.000671 | \$ 0.000614 | \$ 0.000604 | \$ 0.000823 | \$ 0.000671 | \$ 0.001082 | \$ 0.001316 |
| Residential- Space Heating | \$ 0.000143 | \$ 0.000671 | \$ 0.000614 | \$ 0.000604 | \$ 0.000823 | \$ 0.000671 | \$ 0.001082 | \$ 0.001316 |
| Residential Time-of-Use "R-TOU" | \$ 0.000143 | \$ 0.000671 | \$ 0.000614 | \$ 0.000604 | \$ 0.000823 | \$ 0.000671 | \$ 0.001082 | \$ 0.001316 |
| Residential Time-of-Use NON-Demand "R-TOU-ND" | \$ 0.000143 | \$ 0.000671 | \$ 0.000614 | \$ 0.000604 | \$ 0.000823 | \$ 0.000671 | \$ 0.001082 | \$ 0.001316 |
| Small General Service - Secondary Non-Demand "SGS-ND" | \$ 0.000143 | \$ 0.000671 | \$ 0.000614 | \$ 0.000604 | \$ 0.000823 | \$ 0.000671 | \$ 0.001082 | \$ 0.001316 |
| Space Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.000143 | \$ 0.000671 | \$ 0.000614 | \$ 0.000604 | \$ 0.000823 | \$ 0.000671 | \$ 0.001082 | \$ 0.001316 |
| Water Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.000143 | \$ 0.000671 | \$ 0.000614 | \$ 0.000604 | \$ 0.000823 | \$ 0.000671 | \$ 0.001082 | \$ 0.001316 |
| Outdoor Recreational Lighting Svc - Secondary "ORL" | \$ 0.000143 | \$ 0.000671 | \$ 0.000614 | \$ 0.000604 | \$ 0.000823 | \$ 0.000671 | \$ 0.001082 | \$ 0.001316 |
| Medium General Service - Secondary "MGS-S" | \$ 0.000143 | \$ 0.000671 | \$ 0.000614 | \$ 0.000604 | \$ 0.000823 | \$ 0.000671 | \$ 0.001082 | \$ 0.001316 |
| Large General Service - Secondary "LGS-S" | \$ 0.000143 | \$ 0.000671 | \$ 0.000614 | \$ 0.000604 | \$ 0.000823 | \$ 0.000671 | \$ 0.001082 | \$ 0.001316 |
| General Service - Primary "GS-P" | \$ 0.000139 | \$ 0.000656 | \$ 0.000601 | \$ 0.000591 | \$ 0.000805 | \$ 0.000657 | \$ 0.001058 | \$ 0.001287 |
| General Service - Transmission "GS-T" | \$ 0.000137 | \$ 0.000644 | \$ 0.000590 | \$ 0.000580 | \$ 0.000791 | \$ 0.000645 | \$ 0.001039 | \$ 0.001264 |
| Outdoor Lighting PL | \$ 0.000143 | \$ 0.000671 | \$ 0.000614 | \$ 0.000604 | \$ 0.000823 | \$ 0.000671 | \$ 0.001082 | \$ 0.001316 |
| Outdoor Lighting SL | \$ 0.000143 | \$ 0.000671 | \$ 0.000614 | \$ 0.000604 | \$ 0.000823 | \$ 0.000671 | \$ 0.001082 | \$ 0.001316 |

* May QFCP-RC charges were based on 6 days of operation.

** 5.8 MW at Red Lion came on line in mid-December.

| Service Classification | Jan-13 | Feb-13 | Mar-13 | Apr-13 | May-13 | Jun-13 | Jul-13 | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh |
| Residential | \$ 0.001121 | \$ 0.001224 | \$ 0.001466 | \$ 0.001741 | \$ 0.001615 | \$ 0.001945 | \$ 0.002074 | \$ 0.002462 | \$ 0.003830 | \$ 0.003980 | \$ 0.004372 | \$ 0.004045 |
| Residential- Space Heating | \$ 0.001121 | \$ 0.001224 | \$ 0.001466 | \$ 0.001741 | \$ 0.001615 | \$ 0.001945 | \$ 0.002074 | \$ 0.002462 | \$ 0.003830 | \$ 0.003980 | \$ 0.004372 | \$ 0.004045 |
| Residential Time-of-Use "R-TOU" | \$ 0.001121 | \$ 0.001224 | \$ 0.001466 | \$ 0.001741 | \$ 0.001615 | \$ 0.001945 | \$ 0.002074 | \$ 0.002462 | \$ 0.003830 | \$ 0.003980 | \$ 0.004372 | \$ 0.004045 |
| Residential Time-of-Use NON-Demand "R-TOU-ND" | \$ 0.001121 | \$ 0.001224 | \$ 0.001466 | \$ 0.001741 | \$ 0.001615 | \$ 0.001945 | \$ 0.002074 | \$ 0.002462 | \$ 0.003830 | \$ 0.003980 | \$ 0.004372 | \$ 0.004045 |
| Small General Service - Secondary Non-Demand "SGS-ND" | \$ 0.001121 | \$ 0.001224 | \$ 0.001466 | \$ 0.001741 | \$ 0.001615 | \$ 0.001945 | \$ 0.002074 | \$ 0.002462 | \$ 0.003830 | \$ 0.003980 | \$ 0.004372 | \$ 0.004045 |
| Space Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.001121 | \$ 0.001224 | \$ 0.001466 | \$ 0.001741 | \$ 0.001615 | \$ 0.001945 | \$ 0.002074 | \$ 0.002462 | \$ 0.003830 | \$ 0.003980 | \$ 0.004372 | \$ 0.004045 |
| Water Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.001121 | \$ 0.001224 | \$ 0.001466 | \$ 0.001741 | \$ 0.001615 | \$ 0.001945 | \$ 0.002074 | \$ 0.002462 | \$ 0.003830 | \$ 0.003980 | \$ 0.004372 | \$ 0.004045 |
| Outdoor Recreational Lighting Svc - Secondary "ORL" | \$ 0.001121 | \$ 0.001224 | \$ 0.001466 | \$ 0.001741 | \$ 0.001615 | \$ 0.001945 | \$ 0.002074 | \$ 0.002462 | \$ 0.003830 | \$ 0.003980 | \$ 0.004372 | \$ 0.004045 |
| Medium General Service - Secondary "MGS-S" | \$ 0.001121 | \$ 0.001224 | \$ 0.001466 | \$ 0.001741 | \$ 0.001615 | \$ 0.001945 | \$ 0.002074 | \$ 0.002462 | \$ 0.003830 | \$ 0.003980 | \$ 0.004372 | \$ 0.004045 |
| Large General Service - Secondary "LGS-S" | \$ 0.001121 | \$ 0.001224 | \$ 0.001466 | \$ 0.001741 | \$ 0.001615 | \$ 0.001945 | \$ 0.002074 | \$ 0.002462 | \$ 0.003830 | \$ 0.003980 | \$ 0.004372 | \$ 0.004045 |
| General Service - Primary "GS-P" | \$ 0.001096 | \$ 0.001197 | \$ 0.001434 | \$ 0.001703 | \$ 0.001579 | \$ 0.001902 | \$ 0.002029 | \$ 0.002408 | \$ 0.003746 | \$ 0.003893 | \$ 0.004276 | \$ 0.003956 |
| General Service - Transmission "GS-T" | \$ 0.001077 | \$ 0.001176 | \$ 0.001409 | \$ 0.001673 | \$ 0.001551 | \$ 0.001868 | \$ 0.001993 | \$ 0.002365 | \$ 0.003680 | \$ 0.003824 | \$ 0.004200 | \$ 0.003886 |
| Outdoor Lighting PL | \$ 0.001121 | \$ 0.001224 | \$ 0.001466 | \$ 0.001741 | \$ 0.001615 | \$ 0.001945 | \$ 0.002074 | \$ 0.002462 | \$ 0.003830 | \$ 0.003980 | \$ 0.004372 | \$ 0.004045 |
| Outdoor Lighting SL | \$ 0.001121 | \$ 0.001224 | \$ 0.001466 | \$ 0.001741 | \$ 0.001615 | \$ 0.001945 | \$ 0.002074 | \$ 0.002462 | \$ 0.003830 | \$ 0.003980 | \$ 0.004372 | \$ 0.004045 |

| Service Classification | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh | \$ per kWh |
| Residential | \$ 0.003888 | \$ 0.004771 | \$ 0.005477 | \$ 0.005982 | \$ 0.005162 | \$ 0.003674 | \$ 0.003795 | \$ 0.003647 | \$ 0.004172 | \$ 0.005593 | \$ 0.005844 | \$ 0.004860 |
| Residential- Space Heating | \$ 0.003888 | \$ 0.004771 | \$ 0.005477 | \$ 0.005982 | \$ 0.005162 | \$ 0.003674 | \$ 0.003795 | \$ 0.003647 | \$ 0.004172 | \$ 0.005593 | \$ 0.005844 | \$ 0.004860 |
| Residential Time-of-Use "R-TOU" | \$ 0.003888 | \$ 0.004771 | \$ 0.005477 | \$ 0.005982 | \$ 0.005162 | \$ 0.003674 | \$ 0.003795 | \$ 0.003647 | \$ 0.004172 | \$ 0.005593 | \$ 0.005844 | \$ 0.004860 |
| Residential Time-of-Use NON-Demand "R-TOU-ND" | \$ 0.003888 | \$ 0.004771 | \$ 0.005477 | \$ 0.005982 | \$ 0.005162 | \$ 0.003674 | \$ 0.003795 | \$ 0.003647 | \$ 0.004172 | \$ 0.005593 | \$ 0.005844 | \$ 0.004860 |
| Small General Service - Secondary Non-Demand "SGS-ND" | \$ 0.003888 | \$ 0.004771 | \$ 0.005477 | \$ 0.005982 | \$ 0.005162 | \$ 0.003674 | \$ 0.003795 | \$ 0.003647 | \$ 0.004172 | \$ 0.005593 | \$ 0.005844 | \$ 0.004860 |
| Space Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.003888 | \$ 0.004771 | \$ 0.005477 | \$ 0.005982 | \$ 0.005162 | \$ 0.003674 | \$ 0.003795 | \$ 0.003647 | \$ 0.004172 | \$ 0.005593 | \$ 0.005844 | \$ 0.004860 |
| Water Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.003888 | \$ 0.004771 | \$ 0.005477 | \$ 0.005982 | \$ 0.005162 | \$ 0.003674 | \$ 0.003795 | \$ 0.003647 | \$ 0.004172 | \$ 0.005593 | \$ 0.005844 | \$ 0.004860 |
| Outdoor Recreational Lighting Svc - Secondary "ORL" | \$ 0.003888 | \$ 0.004771 | \$ 0.005477 | \$ 0.005982 | \$ 0.005162 | \$ 0.003674 | \$ 0.003795 | \$ 0.003647 | \$ 0.004172 | \$ 0.005593 | \$ 0.005844 | \$ 0.004860 |
| Medium General Service - Secondary "MGS-S" | \$ 0.003888 | \$ 0.004771 | \$ 0.005477 | \$ 0.005982 | \$ 0.005162 | \$ 0.003674 | \$ 0.003795 | \$ 0.003647 | \$ 0.004172 | \$ 0.005593 | \$ 0.005844 | \$ 0.004860 |
| Large General Service - Secondary "LGS-S" | \$ 0.003888 | \$ 0.004771 | \$ 0.005477 | \$ 0.005982 | \$ 0.005162 | \$ 0.003674 | \$ 0.003795 | \$ 0.003647 | \$ 0.004172 | \$ 0.005593 | \$ 0.005844 | \$ 0.004860 |
| General Service - Primary "GS-P" | \$ 0.003802 | \$ 0.004666 | \$ 0.005357 | \$ 0.005851 | \$ 0.005049 | \$ 0.003593 | \$ 0.003712 | \$ 0.003548 | \$ 0.004059 | \$ 0.005442 | \$ 0.005686 | \$ 0.004728 |
| General Service - Transmission "GS-T" | \$ 0.003735 | \$ 0.004584 | \$ 0.005262 | \$ 0.005747 | \$ 0.004960 | \$ 0.003530 | \$ 0.003646 | \$ 0.003492 | \$ 0.003994 | \$ 0.005355 | \$ 0.005595 | \$ 0.004653 |
| Outdoor Lighting PL | \$ 0.003888 | \$ 0.004771 | \$ 0.005477 | \$ 0.005982 | \$ 0.005162 | \$ 0.003674 | \$ 0.003795 | \$ 0.003647 | \$ 0.004172 | \$ 0.005593 | \$ 0.005844 | \$ 0.004860 |
| Outdoor Lighting SL | \$ 0.003888 | \$ 0.004771 | \$ 0.005477 | \$ 0.005982 | \$ 0.005162 | \$ 0.003674 | \$ 0.003795 | \$ 0.003647 | \$ 0.004172 | \$ 0.005593 | \$ 0.005844 | \$ 0.004860 |

Attachment A

QFCP-RC Charge-All Months

| <u>Service Classification</u> | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | Jun-15 | Jul-15 | Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> |
| Residential | \$ 0.004521 | \$ 0.004315 | \$ 0.004255 | \$ 0.004455 | \$ 0.005512 | \$ 0.004045 | \$ 0.003784 | \$ 0.004398 | \$ 0.004046 | \$ 0.004887 | \$ 0.005529 | \$ 0.005250 |
| Residential- Space Heating | \$ 0.004521 | \$ 0.004315 | \$ 0.004255 | \$ 0.004455 | \$ 0.005512 | \$ 0.004045 | \$ 0.003784 | \$ 0.004398 | \$ 0.004046 | \$ 0.004887 | \$ 0.005529 | \$ 0.005250 |
| Residential Time-of-Use "R-TOU" | | | | | | | | | | | | |
| Residential Time-of-Use NON-Demand "R-TOU-ND" | \$ 0.004521 | \$ 0.004315 | \$ 0.004255 | \$ 0.004455 | \$ 0.005512 | \$ 0.004045 | \$ 0.003784 | \$ 0.004398 | \$ 0.004046 | \$ 0.004887 | \$ 0.005529 | \$ 0.005250 |
| Small General Service - Secondary Non-Demand "SGS-ND" | \$ 0.004521 | \$ 0.004315 | \$ 0.004255 | \$ 0.004455 | \$ 0.005512 | \$ 0.004045 | \$ 0.003784 | \$ 0.004398 | \$ 0.004046 | \$ 0.004887 | \$ 0.005529 | \$ 0.005250 |
| Space Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.004521 | \$ 0.004315 | \$ 0.004255 | \$ 0.004455 | \$ 0.005512 | \$ 0.004045 | \$ 0.003784 | \$ 0.004398 | \$ 0.004046 | \$ 0.004887 | \$ 0.005529 | \$ 0.005250 |
| Water Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.004521 | \$ 0.004315 | \$ 0.004255 | \$ 0.004455 | \$ 0.005512 | \$ 0.004045 | \$ 0.003784 | \$ 0.004398 | \$ 0.004046 | \$ 0.004887 | \$ 0.005529 | \$ 0.005250 |
| Outdoor Recreational Lighting Svc - Secondary "ORL" | \$ 0.004521 | \$ 0.004315 | \$ 0.004255 | \$ 0.004455 | \$ 0.005512 | \$ 0.004045 | \$ 0.003784 | \$ 0.004398 | \$ 0.004046 | \$ 0.004887 | \$ 0.005529 | \$ 0.005250 |
| Medium General Service - Secondary "MGS-S" | \$ 0.004521 | \$ 0.004315 | \$ 0.004255 | \$ 0.004455 | \$ 0.005512 | \$ 0.004045 | \$ 0.003784 | \$ 0.004398 | \$ 0.004046 | \$ 0.004887 | \$ 0.005529 | \$ 0.005250 |
| Large General Service - Secondary "LGS-S" | \$ 0.004521 | \$ 0.004315 | \$ 0.004255 | \$ 0.004455 | \$ 0.005512 | \$ 0.004045 | \$ 0.003784 | \$ 0.004398 | \$ 0.004046 | \$ 0.004887 | \$ 0.005529 | \$ 0.005250 |
| General Service - Primary "GS-P" | \$ 0.004399 | \$ 0.004199 | \$ 0.004140 | \$ 0.004335 | \$ 0.005363 | \$ 0.003936 | \$ 0.003682 | \$ 0.004279 | \$ 0.003937 | \$ 0.004755 | \$ 0.005380 | \$ 0.005108 |
| General Service - Transmission "GS-T" | \$ 0.004329 | \$ 0.004132 | \$ 0.004074 | \$ 0.004265 | \$ 0.005277 | \$ 0.003873 | \$ 0.003623 | \$ 0.004210 | \$ 0.003874 | \$ 0.004679 | \$ 0.005294 | \$ 0.005027 |
| Outdoor Lighting PL | \$ 0.004521 | \$ 0.004315 | \$ 0.004255 | \$ 0.004455 | \$ 0.005512 | \$ 0.004045 | \$ 0.003784 | \$ 0.004398 | \$ 0.004046 | \$ 0.004887 | \$ 0.005529 | \$ 0.005250 |
| Outdoor Lighting SL | \$ 0.004521 | \$ 0.004315 | \$ 0.004255 | \$ 0.004455 | \$ 0.005512 | \$ 0.004045 | \$ 0.003784 | \$ 0.004391 | \$ 0.004046 | \$ 0.004887 | \$ 0.005529 | \$ 0.005250 |

| <u>Service Classification</u> | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> |
| Residential | \$ 0.003512 | \$ 0.004611 | \$ 0.004065 | \$ 0.004558 | \$ 0.004730 | \$ 0.004285 | \$ 0.004341 | \$ 0.004065 | \$ 0.004306 | \$ 0.005694 | \$ 0.005413 | \$ 0.003869 |
| Residential- Space Heating | \$ 0.003512 | \$ 0.004611 | \$ 0.004065 | \$ 0.004558 | \$ 0.004730 | \$ 0.004285 | \$ 0.004341 | \$ 0.004065 | \$ 0.004306 | \$ 0.005694 | \$ 0.005413 | \$ 0.003869 |
| Residential Time-of-Use "R-TOU" | | | | | | | | | | | | |
| Residential Time-of-Use NON-Demand "R-TOU-ND" | \$ 0.003512 | \$ 0.004611 | \$ 0.004065 | \$ 0.004558 | \$ 0.004730 | \$ 0.004285 | \$ 0.004341 | \$ 0.004065 | \$ 0.004306 | \$ 0.005694 | \$ 0.005413 | \$ 0.003869 |
| Small General Service - Secondary Non-Demand "SGS-ND" | \$ 0.003512 | \$ 0.004611 | \$ 0.004065 | \$ 0.004558 | \$ 0.004730 | \$ 0.004285 | \$ 0.004341 | \$ 0.004065 | \$ 0.004306 | \$ 0.005694 | \$ 0.005413 | \$ 0.003869 |
| Space Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.003512 | \$ 0.004611 | \$ 0.004065 | \$ 0.004558 | \$ 0.004730 | \$ 0.004285 | \$ 0.004341 | \$ 0.004065 | \$ 0.004306 | \$ 0.005694 | \$ 0.005413 | \$ 0.003869 |
| Water Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.003512 | \$ 0.004611 | \$ 0.004065 | \$ 0.004558 | \$ 0.004730 | \$ 0.004285 | \$ 0.004341 | \$ 0.004065 | \$ 0.004306 | \$ 0.005694 | \$ 0.005413 | \$ 0.003869 |
| Outdoor Recreational Lighting Svc - Secondary "ORL" | \$ 0.003512 | \$ 0.004611 | \$ 0.004065 | \$ 0.004558 | \$ 0.004730 | \$ 0.004285 | \$ 0.004341 | \$ 0.004065 | \$ 0.004306 | \$ 0.005694 | \$ 0.005413 | \$ 0.003869 |
| Medium General Service - Secondary "MGS-S" | \$ 0.003512 | \$ 0.004611 | \$ 0.004065 | \$ 0.004558 | \$ 0.004730 | \$ 0.004285 | \$ 0.004341 | \$ 0.004065 | \$ 0.004306 | \$ 0.005694 | \$ 0.005413 | \$ 0.003869 |
| Large General Service - Secondary "LGS-S" | \$ 0.003512 | \$ 0.004611 | \$ 0.004065 | \$ 0.004558 | \$ 0.004730 | \$ 0.004285 | \$ 0.004341 | \$ 0.004065 | \$ 0.004306 | \$ 0.005694 | \$ 0.005413 | \$ 0.003869 |
| General Service - Primary "GS-P" | \$ 0.003417 | \$ 0.004486 | \$ 0.003955 | \$ 0.004435 | \$ 0.004636 | \$ 0.004200 | \$ 0.004254 | \$ 0.003984 | \$ 0.004220 | \$ 0.005580 | \$ 0.005305 | \$ 0.003791 |
| General Service - Transmission "GS-T" | \$ 0.003362 | \$ 0.004415 | \$ 0.003892 | \$ 0.004364 | \$ 0.004527 | \$ 0.004101 | \$ 0.004155 | \$ 0.003890 | \$ 0.004121 | \$ 0.005450 | \$ 0.005181 | \$ 0.003703 |
| Outdoor Lighting PL | \$ 0.003512 | \$ 0.004611 | \$ 0.004065 | \$ 0.004558 | \$ 0.004730 | \$ 0.004285 | \$ 0.004341 | \$ 0.004065 | \$ 0.004306 | \$ 0.005694 | \$ 0.005413 | \$ 0.003869 |
| Outdoor Lighting SL | \$ 0.003512 | \$ 0.004611 | \$ 0.004065 | \$ 0.004558 | \$ 0.004730 | \$ 0.004285 | \$ 0.004341 | \$ 0.004065 | \$ 0.004306 | \$ 0.005694 | \$ 0.005413 | \$ 0.003869 |

| <u>Service Classification</u> | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> | <u>\$ per kWh</u> |
| Residential | \$ 0.003808 | \$ 0.004450 | \$ 0.004410 | \$ 0.005426 | \$ 0.006208 | \$ 0.004853 | \$ 0.004924 | \$ 0.003607 | \$ 0.004052 | \$ 0.004752 | \$ 0.005828 | \$ 0.004711 |
| Residential- Space Heating | \$ 0.003808 | \$ 0.004450 | \$ 0.004410 | \$ 0.005426 | \$ 0.006208 | \$ 0.004853 | \$ 0.004924 | \$ 0.003607 | \$ 0.004052 | \$ 0.004752 | \$ 0.005828 | \$ 0.004711 |
| Residential Time-of-Use "R-TOU" | | | | | | | | | | | | |
| Residential Time-of-Use NON-Demand "R-TOU-ND" | \$ 0.003808 | \$ 0.004450 | \$ 0.004410 | \$ 0.005426 | \$ 0.006208 | \$ 0.004853 | \$ 0.004924 | \$ 0.003607 | \$ 0.004052 | \$ 0.004752 | \$ 0.005828 | \$ 0.004711 |
| Small General Service - Secondary Non-Demand "SGS-ND" | \$ 0.003808 | \$ 0.004450 | \$ 0.004410 | \$ 0.005426 | \$ 0.006208 | \$ 0.004853 | \$ 0.004924 | \$ 0.003607 | \$ 0.004052 | \$ 0.004752 | \$ 0.005828 | \$ 0.004711 |
| Space Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.003808 | \$ 0.004450 | \$ 0.004410 | \$ 0.005426 | \$ 0.006208 | \$ 0.004853 | \$ 0.004924 | \$ 0.003607 | \$ 0.004052 | \$ 0.004752 | \$ 0.005828 | \$ 0.004711 |
| Water Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.003808 | \$ 0.004450 | \$ 0.004410 | \$ 0.005426 | \$ 0.006208 | \$ 0.004853 | \$ 0.004924 | \$ 0.003607 | \$ 0.004052 | \$ 0.004752 | \$ 0.005828 | \$ 0.004711 |
| Outdoor Recreational Lighting Svc - Secondary "ORL" | \$ 0.003808 | \$ 0.004450 | \$ 0.004410 | \$ 0.005426 | \$ 0.006208 | \$ 0.004853 | \$ 0.004924 | \$ 0.003607 | \$ 0.004052 | \$ 0.004752 | \$ 0.005828 | \$ 0.004711 |
| Medium General Service - Secondary "MGS-S" | \$ 0.003808 | \$ 0.004450 | \$ 0.004410 | \$ 0.005426 | \$ 0.006208 | \$ 0.004853 | \$ 0.004924 | \$ 0.003607 | \$ 0.004052 | \$ 0.004752 | \$ 0.005828 | \$ 0.004711 |
| Large General Service - Secondary "LGS-S" | \$ 0.003808 | \$ 0.004450 | \$ 0.004410 | \$ 0.005426 | \$ 0.006208 | \$ 0.004853 | \$ 0.004924 | \$ 0.003607 | \$ 0.004052 | \$ 0.004752 | \$ 0.005828 | \$ 0.004711 |
| General Service - Primary "GS-P" | \$ 0.003732 | \$ 0.004362 | \$ 0.004322 | \$ 0.005318 | \$ 0.006084 | \$ 0.004757 | \$ 0.004826 | \$ 0.003535 | \$ 0.003971 | \$ 0.004657 | \$ 0.005712 | \$ 0.004617 |
| General Service - Transmission "GS-T" | \$ 0.003645 | \$ 0.004259 | \$ 0.004220 | \$ 0.005193 | \$ 0.005942 | \$ 0.004645 | \$ 0.004713 | \$ 0.003452 | \$ 0.003878 | \$ 0.004548 | \$ 0.005578 | \$ 0.004508 |
| Outdoor Lighting PL | \$ 0.003808 | \$ 0.004450 | \$ 0.004410 | \$ 0.005426 | \$ 0.006208 | \$ 0.004853 | \$ 0.004924 | \$ 0.003607 | \$ 0.004052 | \$ 0.004752 | \$ 0.005828 | \$ 0.004711 |
| Outdoor Lighting SL | \$ 0.003808 | \$ 0.004450 | \$ 0.004410 | \$ 0.005426 | \$ 0.006208 | \$ 0.004853 | \$ 0.004924 | \$ 0.003607 | \$ 0.004052 | \$ 0.004752 | \$ 0.005828 | \$ 0.004711 |

Attachment A

QFCP-RC Charge-All Months

| <u>Service Classification</u> | <u>Jan-18</u> \$ per kWh | <u>Feb-18</u> \$ per kWh | <u>Mar-18</u> \$ per kWh | <u>Apr-18</u> \$ per kWh | <u>May-18</u> \$ per kWh | <u>Jun-18</u> \$ per kWh | <u>Jul-18</u> \$ per kWh | <u>Aug-18</u> \$ per kWh | <u>Sep-18</u> \$ per kWh | <u>Oct-18</u> \$ per kWh | <u>Nov-18</u> \$ per kWh | <u>Dec-18</u> \$ per kWh |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Residential | \$ 0.003783 | \$ 0.004786 | \$ 0.004357 | \$ 0.006917 | \$ 0.005684 | \$ 0.005007 | \$ 0.004192 | \$ 0.003039 | \$ 0.004426 | \$ 0.004799 | \$ 0.005011 | \$ 0.004279 |
| Residential- Space Heating | \$ 0.003783 | \$ 0.004786 | \$ 0.004357 | \$ 0.006917 | \$ 0.005684 | \$ 0.005007 | \$ 0.004192 | \$ 0.003039 | \$ 0.004426 | \$ 0.004799 | \$ 0.005011 | \$ 0.004279 |
| Residential Time-of-Use "R-TOU" | | | | | | | \$ - | | | | | |
| Residential Time-of-Use NON-Demand "R-TOU-ND" | \$ 0.003783 | \$ 0.004786 | \$ 0.004357 | \$ 0.006917 | \$ 0.005684 | \$ 0.005007 | \$ 0.004192 | \$ 0.003039 | \$ 0.004426 | \$ 0.004799 | \$ 0.005011 | \$ 0.004279 |
| Small General Service - Secondary Non-Demand "SGS-ND" | \$ 0.003783 | \$ 0.004786 | \$ 0.004357 | \$ 0.006917 | \$ 0.005684 | \$ 0.005007 | \$ 0.004192 | \$ 0.003039 | \$ 0.004426 | \$ 0.004799 | \$ 0.005011 | \$ 0.004279 |
| Space Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.003783 | \$ 0.004786 | \$ 0.004357 | \$ 0.006917 | \$ 0.005684 | \$ 0.005007 | \$ 0.004192 | \$ 0.003039 | \$ 0.004426 | \$ 0.004799 | \$ 0.005011 | \$ 0.004279 |
| Water Heating Secondary Service "SGS-ND" and "MGS-S" | \$ 0.003783 | \$ 0.004786 | \$ 0.004357 | \$ 0.006917 | \$ 0.005684 | \$ 0.005007 | \$ 0.004192 | \$ 0.003039 | \$ 0.004426 | \$ 0.004799 | \$ 0.005011 | \$ 0.004279 |
| Outdoor Recreational Lighting Svc - Secondary "ORL" | \$ 0.003783 | \$ 0.004786 | \$ 0.004357 | \$ 0.006917 | \$ 0.005684 | \$ 0.005007 | \$ 0.004192 | \$ 0.003039 | \$ 0.004426 | \$ 0.004799 | \$ 0.005011 | \$ 0.004279 |
| Medium General Service - Secondary "MGS-S" | \$ 0.003783 | \$ 0.004786 | \$ 0.004357 | \$ 0.006917 | \$ 0.005684 | \$ 0.005007 | \$ 0.004192 | \$ 0.003039 | \$ 0.004426 | \$ 0.004799 | \$ 0.005011 | \$ 0.004279 |
| Large General Service - Secondary "LGS-S" | \$ 0.003783 | \$ 0.004786 | \$ 0.004357 | \$ 0.006917 | \$ 0.005684 | \$ 0.005007 | \$ 0.004192 | \$ 0.003039 | \$ 0.004426 | \$ 0.004799 | \$ 0.005011 | \$ 0.004279 |
| General Service - Primary "GS-P" | \$ 0.003707 | \$ 0.004691 | \$ 0.004270 | \$ 0.006779 | \$ 0.005571 | \$ 0.004907 | \$ 0.004108 | \$ 0.002979 | \$ 0.004338 | \$ 0.004704 | \$ 0.004911 | \$ 0.004193 |
| General Service - Transmission "GS-T" | \$ 0.003621 | \$ 0.004581 | \$ 0.004170 | \$ 0.006620 | \$ 0.005440 | \$ 0.004792 | \$ 0.004012 | \$ 0.002909 | \$ 0.004236 | \$ 0.004593 | \$ 0.004796 | \$ 0.004095 |
| Outdoor Lighting PL | \$ 0.003783 | \$ 0.004786 | \$ 0.004357 | \$ 0.006917 | \$ 0.005684 | \$ 0.005007 | \$ 0.004192 | \$ 0.003039 | \$ 0.004426 | \$ 0.004799 | \$ 0.005011 | \$ 0.004279 |
| Outdoor Lighting SL | \$ 0.003783 | \$ 0.004786 | \$ 0.004357 | \$ 0.006917 | \$ 0.005684 | \$ 0.005007 | \$ 0.004192 | \$ 0.003039 | \$ 0.004426 | \$ 0.004799 | \$ 0.005011 | \$ 0.004279 |

Service Classification

Residential
 Residential- Space Heating
 Residential Time-of-Use "R-TOU"
 Residential Time-of-Use NON-Demand "R-TOU-ND"
 Small General Service - Secondary Non-Demand "SGS-ND"
 Space Heating Secondary Service "SGS-ND" and "MGS-S"
 Water Heating Secondary Service "SGS-ND" and "MGS-S"
 Outdoor Recreational Lighting Svc - Secondary "ORL"
 Medium General Service - Secondary "MGS-S"
 Large General Service - Secondary "LGS-S"
 General Service - Primary "GS-P"
 General Service - Transmission "GS-T"
 Outdoor Lighting PL
 Outdoor Lighting SL

Service Classification

Residential
 Residential- Space Heating
 Residential Time-of-Use "R-TOU"
 Residential Time-of-Use NON-Demand "R-TOU-ND"
 Small General Service - Secondary Non-Demand "SGS-ND"
 Space Heating Secondary Service "SGS-ND" and "MGS-S"
 Water Heating Secondary Service "SGS-ND" and "MGS-S"
 Outdoor Recreational Lighting Svc - Secondary "ORL"
 Medium General Service - Secondary "MGS-S"
 Large General Service - Secondary "LGS-S"
 General Service - Primary "GS-P"
 General Service - Transmission "GS-T"
 Outdoor Lighting PL
 Outdoor Lighting SL

Attachment A

QFCP-RC Charge-All Months

