ATTACHMENT A

NOVEMBER 9, 2018 JOINT PROPOSAL

STATE OF NEW YORK
PUBLIC SERVICE COMMISSION

CASE 18-E-0067 – Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Orange and Rockland Utilities, Inc. for Electric Service.

CASE 18-G-0068 – Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Orange and Rockland Utilities, Inc. for Gas Service.

CASE 14-E-0493 – Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Orange and Rockland Utilities, Inc. for Electric Service.

CASE 14-G-0494 – Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Orange and Rockland Utilities, Inc. for Gas Service.

CASE 18-E-0414 – Petition of Orange and Rockland Utilities, Inc. for Authorization to Defer Incremental Pre-Staging and Mobilization Costs Associated with Winter Storm Toby.

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JOINT PROPOSAL

THIS JOINT PROPOSAL ("Proposal") is made as of the 9th day of November, 2018, by and among Orange and Rockland Utilities, Inc. ("Orange and Rockland" or the "Company"), New York State Department of Public Service Staff ("Staff"), New York Power Authority ("NYPA"), the Utility Intervention Unit, Division of Consumer Protection, New York State Department of State ("UIU"),[1] the Pace Energy and Climate Center ("Pace"), Environmental Defense Fund ("EDF"), the Towns of Clarkstown, Haverstraw, Orangetown, Ramapo and Stony Point, as well as the Rockland County

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[1] UIU is a signatory party to the Gas Rate Plan only.

Solid Waste Management Authority (collectively "Municipal Coalition"), Great Eastern Energy, LLC, New York Geothermal Energy Organization, Bob Wyman, Public Utility Law Project of New York, Inc.,[2] and other parties whose signature pages are or will be attached to this Proposal (collectively referred to herein as the "Signatory Parties").

Introduction

This Proposal sets forth the terms of an electric rate plan for the period January 1, 2019 through December 31, 2021 ("Electric Rate Plan") and a gas rate plan for the period January 1, 2019 through December 31, 2021 ("Gas Rate Plan"). (Collectively, the Electric Rate Plan and the Gas Rate Plan will be referred to as the "Rate Plans.") The Rate Plans prescribe agreed-upon rate levels and address operational and accounting matters for the term of the Rate Plans, as well as various other rate design and revenue allocation issues. The Rate Plans are designed to support the continued reliability, safety, and security of the Company's electric and gas systems at just and reasonable rates.

Among other things, the Electric Rate Plan reflects a revenue requirement based on the adoption of the electric sales and revenue forecast agreed to by the Signatory Parties, the continuation of a revenue decoupling mechanism ("RDM") and various other reconciliations, including a property tax reconciliation, reconciliation of net plant balances in the event that actual average net plant is lower than that reflected in rates, continuation of electric performance metrics and continuation and enhancement of a low income customer assistance program. The Electric Rate Plan also provides for the

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[2] As to the entirety of the Gas Rate Plan only; and portions of the Electric Rate.

continued implementation of an Advanced Metering Infrastructure (“AMI”) project and the introduction of five electric Earnings Adjustment Mechanisms (“EAMs”).

Among other things, the Gas Rate Plan reflects a revenue requirement based on the adoption of the gas sales and revenue forecast agreed to by the Signatory Parties, updates to the interruptible sales benefit imputation, the continuation of an RDM on the basis of Revenue Per Class (instead of Revenue Per Customer) and various other reconciliations, including a property tax reconciliation, reconciliation of net plant balances in the event that actual average net plant is lower than that reflected in rates, provision of additional resources to various gas safety initiatives, continuation and/or enhancement of gas performance metrics, and continuation and enhancement of a low income customer assistance program. The Gas Rate Plan also provides for the continued implementation of an AMI project, as well as the exploration of potential Non-Pipe Alternative (“NPA”) and Demand Response (“DR”) initiatives, and the introduction of one gas EAM.

The Electric and Gas Rate Plans also resolve all cost recovery issues and prudence-related claims associated with the Company’s litigation with Travelers Indemnity Company (“Travelers”) that remained outstanding at the conclusion of the Company’s previous electric and gas base rate cases.[3]

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[3] Case 14-E-0493 and Case 14-G-0494, *Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Orange and Rockland Utilities, Inc. for Electric Service and Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Orange and Rockland Utilities, Inc. for Gas Service,* Order Adopting Terms of Joint Proposal and Establishing Electric Rate Plan (issued October 16, 2015) (“2015 Rate Order”) (pp. 42-44).

Procedural Setting

Orange and Rockland is currently operating under an electric and gas rate order that established electric and gas rates effective November 1, 2015.[4] The 2015 Rate Order established electric base rates for the two years ended October 31, 2017, and gas base rates for the three years ended October 31, 2018.

On January 26, 2018, Orange and Rockland filed new tariff leaves and supporting testimony for new rates and charges for electric and gas service effective on January 1, 2019, for the 12-month period ending December 31, 2019. In that filing, the Company also included financial information for the two succeeding 12-month periods in order to facilitate development of multi-year rate plans through settlement discussions in the event parties elected to do so.

Two administrative law judges ("ALJs"), Dakin D. Lecakes and Maureen F. Leary, were appointed to preside over the rate proceedings. Parties engaged in discovery, with the Company responding to over 1,200 formal discovery requests on the filings. A procedural conference was held in Albany, New York on March 14, 2018. The procedural conference was immediately followed by a technical presentation by the Company on various aspects of the filing.

On March 22, 2018, ALJ Lecakes issued a Ruling on Schedule, providing dates for certain activities in these cases, including a preliminary update of the Company's filings, Staff and intervenor testimony, rebuttal testimony and a formal update of the

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[4] 2015 Rate Order.

Company's filings, and evidentiary hearings. On March 22, 2018, ALJ Lecakes also issued a Ruling Adopting Protective Order.

On April 13, 2018, the Company provided the parties with preliminary revenue requirement updates.

On May 25 through May 29, 2018, ten parties filed testimony in response to the Company's filings. On June 15, 2018, the Company filed update and rebuttal testimony, including the presentation of the Company's formal revenue requirement update. Two other parties also filed rebuttal testimony on June 15, 2018.

By notice dated June 12, 2018, Orange and Rockland notified all parties of the commencement of settlement negotiations on June 20, 2018.[5] Settlement negotiations began on June 20, 2018, and continued on July 10, July 13, July 20,[6] August 2, August 7, August 14, August 23, August 28, September 4, September 25, September 28, October

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[5] This notice was filed with the Secretary to the Commission ("Secretary").

[6] On June 29, 2018, the Company filed a letter with the Secretary agreeing to a one-month extension of the statutory suspension period in these proceedings subject to a "make-whole" provision that would keep the Company and its customers in the same position they would have been absent the extension. On July 30, 2018, the Company agreed to a second one-month extension through February 22, 2019, as amended on July 31, 2018, if necessary, subject to additional considerations. On August 22, 2018, the Company agreed to a third one-month extension through March 25, 2019, if necessary, subject to additional considerations. Specifically, the July and August letters raised procedural issues under the Commission's policies and regulations related to subsequent rate filings by the Company absent multi-year rate plans in these proceedings. Accordingly, if the suspension period is extended by more than one month and the proposed multi-year rate plans are not approved by the Commission, the Commission should not apply the limitations regarding selection of the historical test period in its *Statement of Policy on Test Periods in Major Rate Proceedings* and grant a "make-whole" provision for subsequent Company rate filings.

10, October 17, October 24 and October 31, 2018.[7] All settlement negotiations were subject to the New York Public Service Commission's ("Commission") Settlement Rules, 16 NYCRR §3.9, and appropriate notices for negotiating sessions were provided.

The parties' negotiations have been successful and have resulted in this Proposal, which is presented to the Commission for its consideration.

A. Term

The Signatory Parties recommend that the Commission adopt a three-year Electric Rate Plan and Gas Rate Plan for Orange and Rockland as set forth herein, effective as of January 1, 2019 and continuing through December 31, 2021.

For the purposes of this Proposal, Rate Year means the 12-month period starting January 1 and ending December 31; Rate Year 1 ("RY1") means the 12-month period starting January 1, 2019 and ending December 31, 2019; Rate Year 2 ("RY2") means the 12-month period starting January 1, 2020 and ending December 31, 2020; and Rate Year 3 ("RY3") means the 12-month period starting January 1, 2021 and ending December 31, 2021.

B. Rates and Revenue Levels

1. Electric

This Proposal recommends changes to the Company's electric delivery service rates and charges designed to produce an additional $13.382 million in revenues on an annual basis starting in RY1, an additional $7.988 million increase in revenues on an annual basis starting in RY2, and an additional $5.784 million increase in revenues on an

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[7] Upon Staff's request, a settlement judge, ALJ Sean Mullany, attended the August 28, 2018 negotiating session.

annual basis starting in RY3. The electric revenue requirement calculations underlying the Proposal are set forth in Appendix 1.

The Signatory Parties recommend that the Commission adopt the option to phase in these three base rate changes in a manner that would mitigate customer bill impacts over the term of the Electric Rate Plan. The annual revenue changes would be an $8.613 million increase in RY1, an additional $12.056 million increase in RY2, and an additional $12.170 million increase in RY3.[8] The revenue changes to each service class associated with the proposed additional revenues are shown in Appendix 17.

The proposed revenue changes for each of RY1, RY2 and RY3 will be effective on the first day of each Rate Year.[9]

The Signatory Parties recognize that shaping the revenue increases over the three years of the Electric Rate Plan to moderate customer bill impacts will result in higher base delivery rate revenues for the Company at the end of RY3 than would result if the revenue increases were not shaped. To address this circumstance, $6.5 million of the RY3 rate increase will be included in base rates and $5.7 million of the RY3 rate increase will be collected via a temporary surcharge through the Energy Cost Adjustment

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[8] The phased rate changes are inclusive of interest on the deferred rate increase calculated at the 2018 Other Customer-Provided Capital Rate of 2.8 percent. The Company will calculate the change in interest for any change in the Other Customer-Provided Capital Rate in future years and defer the difference for surcharge or credit to customers, as applicable.

[9] If, based on the make whole extension letters referred to in footnote 6, the Commission does not issue an order on this Proposal until after January 1, 2019, the Company will recover shortfalls and refund over-collections that result from the extension of the suspension period in this proceeding through a "make-whole" provision, as detailed in the make whole extension letters. The revenue differences will be recovered or credited, with interest, over the remaining months of 2019 as detailed in Appendices 17 and 18.

(“ECA”). The major components of the electric revenue requirements underlying this Proposal are set forth in Appendix 1. These revenue requirements are net of the amortizations of various deferred customer credits and charges on the Company’s books of account that have previously been deferred by the Company, as well as projections of deferred amounts. The list of deferred customer credits and charges to be applied during the Electric Rate Plan is attached as Appendix 3.

a. Market Supply Charge/Energy Cost Adjustment

The Company will continue to recover all prudently-incurred supply and supply-related costs, including, but not limited to, power purchase costs, through the Market Supply Charge (“MSC”) and ECA mechanisms.

b. Revenue Decoupling Mechanism

For the term of the Electric Rate Plan, the Company will continue to implement an RDM, as set forth in the Company’s electric tariff, amended to reflect the modifications recommended in this Proposal as outlined in Appendix 21. The RDM, as modified, will continue thereafter until changed by the Commission, except for restating the RDM targets for the Rate Year commencing January 1, 2022, to reflect the expiration of the temporary surcharge discussed in paragraph B.1 above, if the Company does not file for new base delivery rates to be effective within 15 days after the expiration of RY3.

c. Tax Cuts and Jobs Act of 2017 (“2017 Tax Act”)

The Company shall amortize the deferred balances of $14.34 million related to the 2017 Tax Act accumulated during calendar year 2018, over three years commencing January 1, 2019. The Company shall amortize the protected excess deferred income tax (“EDFIT”) balances resulting from the 2017 Tax Act over the remaining life of the underlying assets and the unprotected EDFIT balances over 15 years commencing January 1, 2019.

d. Business Cost Optimization ("BCO") Program

Operation and maintenance ("O&M") expense for electric operations is reduced by $0.850 million in RY1, and an additional $0.425 million in RY2 and $0.425 million in RY3 to capture for customers a reasonable share of potential savings from the Company's BCO Program.

e. Oracle Contract

To reflect the Company's change in O&M expenses projected to result from the contract between Oracle and Consolidated Edison Company of New York, Inc. ("Con Edison"), which provides the Company access to Oracle's software and cloud applications at discounted prices ("Oracle Contract"), O&M expense for electric operations is lower by $134,000 in RY1, higher by $201,000 in RY2, and higher by $201,000 in RY3.

f. Customer Service System ("CSS")

The Company is proceeding with Con Edison to develop and implement jointly a new CSS. In RY1, the Company has included $43,000 in its electric O&M expense associated with the development and implementation of a new CSS. In RY2 and RY3, the Company has included $336,000 and $275,000, respectively, in its O&M expense associated with the development and implementation of a new CSS. These RY2 and

RY3 amounts are subject to refund in the event that Con Edison ceases implementation of the CSS replacement plan.[10]

g. Other Charges

The Signatory Parties agree that, whenever the Company is or will be subject to governmental or regional transmission organization ("RTO") transmission and/or generation-related charges, costs or credits (*e.g.*, FERC, NYISO, PJM, EPA)[11] not already listed in or otherwise covered by the then-effective MSC or ECA tariff language, the Company may make a tariff filing with the Commission providing for recovery of such charges/costs, or application of these credits, through the MSC mechanism, ECA mechanism, and/or comparable adjustment mechanism. The proposed tariff amendment may include charges/costs/credits applicable to the period prior to the effective date of the tariff amendment.

2. Gas

This Proposal recommends changes to the Company's retail gas sales and gas transportation service rates and charges, designed to produce a $7.520 million decrease in revenues on an annual basis starting in RY1, a $3.556 million increase in revenues on an

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[10] *See* Cases 16-E-0060, et al., Order Approving Electric and Gas Rate Plans, Appendix A of Joint Proposal, Section L.1, entitled Customer Service System ("CSS") Replacement.

[11] Federal Energy Regulatory Commission ("FERC"), New York Independent System Operator ("NYISO"), PJM Interconnection, L.L.C. ("PJM"), and Environmental Protection Agency ("EPA").

annual basis starting in RY2, and an additional $0.714 million increase in revenues on an annual basis starting in RY3.[12]

The Signatory Parties recommend that the Commission adopt the option to phase in these three base rate changes in a manner that would mitigate customer bill impacts over the term of the Gas Rate Plan. The annual revenue changes would be a $5.919 million decrease in RY1, an increase of $0.992 million in RY2, and an additional increase of $0.991 million in RY3.[13] The revenue changes to each service class associated with the proposed additional revenues are shown in Appendix 18.

The proposed revenue changes for each of RY1, RY2 and RY3, will be effective on the first day of each Rate Year.[14]

The Signatory Parties recognize that shaping the revenue increases and decreases over the three years of the Gas Rate Plan to moderate customer bill impacts will result in lower base delivery rate revenues for the Company at the end of RY3 than would result if the revenue increases and decreases were not shaped. To address this circumstance, $1.676 million will be included in base rates in RY3 and 0.685 million will be refunded via a temporary credit through the Monthly Gas Adjustment ("MGA").

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[12] Unless specifically stated otherwise in this Proposal, the terms "customers" and "base rate" with respect to gas apply to the Company's firm gas customers who are served under SC Nos. 1, 2, and 6.

[13] The phased rate changes are inclusive of interest on the deferred rate increase calculated at the 2018 Other Customer-Provided Capital Rate of 2.8 percent. The Company will calculate the change in interest for any change in the Other Customer-Provided Capital Rate in future years and defer the difference for surcharge or credit to customers, as applicable.

[14] *See* footnote 9.

The major components of the gas revenue requirements underlying this Proposal are set forth in Appendix 2. These revenue requirements are net of the amortizations of various customer credits and debits on the Company's books of account that have previously been or are projected to be deferred by the Company. The list of deferred customer credits and debits to be applied during the Gas Rate Plan is attached as Appendix 3.

a. Gas Supply Charge/MGA

The Company will continue to recover all prudently incurred supply and supply-related costs through the Gas Supply Charge ("GSC") and MGA. Costs associated with balancing assets will continue to be recovered from all SC Nos. 1, 2, and 6 customers through a common cents per Ccf component in the MGA.[15]

b. Revenue Decoupling Mechanism

For the term of the Gas Rate Plan, the Company will continue to implement an RDM, amended to reflect the modifications recommended in this Proposal as outlined in Appendix 21. The Company, however, will move from a Revenue Per Customer model to a Revenue Per Class model whereby each customer group will have a target revenue level established in the gas tariff. The RDM, as modified, will continue unless and until changed by the Commission, except for restating the RDM targets for the Rate Year commencing January 1, 2022, to reflect the expiration of the temporary credit discussed

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[15] The Company recovers various costs and charges, and provides certain credits, through the GSC, MGA and Weighted Average Cost of Transportation ("WACOT"). For costs, charges, and credits covered by the language of these adjustment mechanisms, the Company will continue to recover such costs and charges, and provide such credits, as incurred, by reflecting these charges, costs and/or credits in monthly statements filed pursuant to these adjustment mechanisms.

in paragraph B.2 above, if the Company does not file for new base delivery rates to be effective within 15 days after the expiration of RY3.

c. Tax Cuts and Jobs Act of 2017 ("2017 Tax Act")

The Company shall amortize the deferred balances of $8.17 million, related to the 2017 Tax Act accumulated during calendar year 2018, over three years commencing January 1, 2019. The Company shall amortize the protected EDFIT balances resulting from the 2017 Tax Act over the remaining life of the underlying assets and the unprotected EDFIT balances resulting from the 2017 Tax Act over 15 years commencing January 1, 2019.

d. Business Cost Optimization ("BCO") Program

O&M expense for gas operations is reduced by $0.4 million in RY1 and an additional $0.2 million in RY2 and $0.2 million in RY3 to capture for customers a reasonable share of potential savings from the Company's BCO Program.

e. Oracle Contract

To reflect the Company's estimated change in O&M expense projected to result from the Oracle Contract, O&M expense for gas operations is lower by $66,000 in RY1, higher by $99,000 in RY2, and higher by $99,000 in RY3.

f. Customer Service System ("CSS")

The Company is proceeding with Con Edison to develop and implement jointly a new CSS. In RY1, the Company has included $18,000 in its gas O&M expense associated with the development and implementation of a new CSS. In RY2 and RY3, the Company has included $139,000 and $115,000, respectively, in its O&M expense associated with the development and implementation of a new CSS. These RY2 and

RY3 amounts are subject to refund in the event that Con Edison ceases implementation of the CSS replacement plan.[16]

g. Base Rate Imputations

The base rate imputation shall remain at $4.65 million in all three Rate Years. These revenue imputations reflect (i) imputations for interruptible benefits[17] of $4.0 million ("Interruptible Benefits Imputation"); and (ii) an imputation of $650,000 for net benefits associated with the delivery of gas to electric generating facilities previously owned by the Company ("Power Generation Imputation") in each Rate Year. Any variances, either positive or negative, between the actual revenue margin and the Interruptible Benefits Imputation, during each Rate Year the Gas Rate Plan is effective, will be shared on an 80% customer/20% Company basis and the 80% customer over-/under-recovery will be credited to/recovered from customers as applicable through the MGA. One hundred percent of any variances, either positive or negative, between the actual revenue margin and the Power Generation Imputation, during each Rate Year the Gas Rate Plan is effective, will be credited to/recovered from customers as applicable through the MGA.

h. Lost and Unaccounted For Gas

The Factor of Adjustment ("FOA"), reflecting lost and unaccounted for ("LAUF") gas, will be reset every November 1 based on the average of the actual FOAs for the previous five 12-month periods ended August 31.

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[16] *See supra* footnote 10.

[17] Interruptible benefits shall be defined as total interruptible (SC No. 8), firm withdrawable (SC No. 9) and firm dual fuel (SC No. 5) revenues minus any associated gas costs and revenue tax surcharge revenues.

Actual LAUF will be calculated annually as follows:

1. Losses = Total Pipeline Receipts less metered deliveries to customers (Retail Sales and Transportation Deliveries + Deliveries to Generators + Gas Used for Company Purposes[18]).

2. Adjusted Line Loss = Losses minus the contribution to the system line loss from generators.

3. Line Loss Factor ("LLF") = Adjusted Line Loss divided by Citygate receipts adjusted for generators.

Wholesale generators served under SC No. 14 that have a capacity that is at least 50 MW are to provide 1% of their consumption to cover losses unless the system average is lower. Wholesale generators that are not on a dedicated line but are on a high pressure transmission line can negotiate a specific LLF, subject to a minimum of 1% of their consumption unless the system average is lower. Wholesale generators that are not served by dedicated lines, and that do not negotiate an LLF, will have the system average LLF applied. The volumes associated with wholesale generators served by dedicated

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[18] Currently, metered gas for inactive accounts is considered to be LAUF gas. This Proposal recommends that, prospectively, metered gas for inactive accounts be considered "Gas Used for Company Purposes" and reflected as such in the gas revenue requirement and LAUF calculation. The Company is working with Staff to modify its gas service termination processes with respect to inactive gas accounts. This change to the LAUF calculation will take effect after the issuance of a Commission order adopting this Proposal and following the earlier of (i) an agreement between the Company and Staff regarding the Company's gas service termination processes; or (ii) six months from the issuance of a Commission order approving this Proposal. When the Company's gas base rates are reset, the estimate for Gas Used for Company Purposes used to establish the gas revenue requirement will include an estimated amount for metered gas for inactive accounts based on the Company's gas service termination procedures.

lines shall be excluded from the LLF calculation by deducting the metered amount from the total send out.

In order to determine if the Company receives an incentive or pays a penalty for the annual LLF achieved commencing with the 12-month period ending August 31, 2019, the Company will compare the LLF level for such period to a targeted dead band based on the FOA in effect at the time of the filing of the annual gas cost rate reconciliation (*i.e.*, based on the average of the prior five year LLFs through August 31, 2018) ("Target Dead Band"). The Target Dead Band will be reset annually based on the average of the prior five-year LLFs.[19] The Target Dead Band limits are set at minus two standard deviations ("lower limit") and plus two standard deviations ("upper limit") of the FOA in effect. In the event that two standard deviations below the FOA is below 0%, the lower limit will be 0%, and the upper limit will be 0% plus four standard deviations. If the LLF is within the Target Dead Band, no incentive or penalty will arise. If the LLF is greater than the upper limit of the Target Dead Band, a penalty will be assessed according to the tariff. If the LLF is less than the lower limit of the Target Dead Band, an incentive will be provided to the Company according to the tariff. The Company will not earn an incentive on any portion of an LLF below 0.0%.

Appendix 10 provides sample calculations of the determination of the potential benefit or cost to the Company. Appendix 10 also details the calculation of the continuing SPA Mechanism.

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[19] The Target Dead Band will also be reset annually for the System Performance Adjustment ("SPA") Mechanism.

If an unforeseeable and uncontrollable event(s) occurs that significantly increases actual line losses, then the Company reserves the right to file a petition with the Commission to modify the annual reconciliation of the GSC in order to reflect such increased line losses. The Company will have the burden of demonstrating the increase in actual line losses and that such increase was not due to the Company's negligent actions or omissions, in the event it makes such a filing.

3. Common Items

a. Labor and Productivity

The 1% productivity adjustment was applied to the cost of direct labor, fringe benefits (*i.e.*, pension, post-employment benefits, and employee welfare expenses) and the funding of new positions as set forth in Appendix 20.

b. Sales Forecasts

The electric and gas sales and delivery revenue forecasts used to determine the revenue requirements for each of RY1, RY2 and RY3 are set forth in Appendices 4 and 5, respectively. For purposes of this Proposal, the sales and delivery revenue forecasts for electric and gas are based on the use of a 10-year and 30-year weather normal, respectively, for the period through December 2016.

C. Computation and Disposition of Earnings

Following each electric and gas Rate Year covered by the Rate Plans, the Company will compute, separately, the earned rate of return on common equity ("ROE") for its electric and gas businesses for the preceding Rate Year. The Company will submit these computations of earnings to the Secretary by no later than March 31 (*i.e.*, within three months after the end of each Rate Year).

1. Earnings Sharing Threshold

The ROE reflected in the revenue requirements for electric for RY1, RY2 and RY3, and for gas for RY1, RY2 and RY3 are set forth in Appendices 1 and 2 (*i.e.*, 9.0 percent). Following each of RY1, RY2 and RY3, the Company will compute, separately, the earned rate of return on common equity for its electric and gas businesses for the preceding Rate Year. If the level of the earned electric ROE for RY1, RY2 or RY3 or of earned gas ROE for RY1, RY2 or RY3 exceeds 9.6 percent ("Earnings Sharing Threshold"), calculated as set forth below, then the amount in excess of the Earnings Sharing Threshold shall be deemed shared earnings ("Shared Earnings") for the purposes of the Rate Plans.

During the terms of the Rate Plans, one-half of the revenue requirement equivalent of any electric or gas Shared Earnings above 9.6 percent but less than 10.20 percent will be deferred for the benefit of customers and the remaining one-half of any Shared Earnings will be retained by the Company; 75 percent of the revenue requirement equivalent of any electric or gas Shared Earnings equal to or in excess of 10.20 percent but less than 10.80 percent will be deferred for the benefit of customers and the remaining 25 percent of any Shared Earnings will be retained by the Company; and 90 percent of the revenue requirement equivalent of any electric or gas Shared Earnings equal to or in excess of 10.80 percent will be deferred for the benefit of customers and the remaining 10 percent of any Shared Earnings will be retained by the Company.

2. Earnings Calculation Method

For each Rate Year, for purposes of determining the actual earned ROE:

a. The calculation of the actual ROE on common equity capital allocated to New York jurisdictional electric and gas utility operations shall be on a “per books” basis, that is, computed from the Company’s books of account for each Rate Year, excluding the effects of: (i) Company incentives and performance-based revenue adjustments (both positive and negative), including incentives for Non-Wires Alternatives (“NWAs”) and NPAs, under Earnings Adjustment Mechanisms set forth in Appendix 16, and the performance metrics set forth in Appendices 13, 14 and 15; (ii) the Company’s share of property tax refunds earned during the applicable Rate Year; and (iii) any other Commission-approved ratemaking incentives and revenue adjustments in effect during the applicable Rate Year.

b. Such earnings computations will reflect the lesser of: (i) an equity ratio equal to 50 percent, or (ii) the Company’s actual average common equity ratio to the extent that it is less than 50 percent of its ratemaking capital structure. The Company’s actual common equity ratio will exclude all components related to “other comprehensive income” that may be required by generally accepted accounting principles (“GAAP”); such charges are recognized for financial accounting reporting purposes but are not recognized or realized for ratemaking purposes.

c. If the Company does not file for new base delivery rates to take effect within 30 days after the expiration of RY3, the Earnings Sharing Threshold and the other earnings sharing thresholds will continue until base delivery rates are reset by the Commission. Such calculation will be performed on an annual basis in the same manner as set forth above.

d. The actual average rate base for any stay-out period less than 12 months will be adjusted by an operating income ratio factor. This adjustment to rate base is intended to align operating income to the level of rate base that generated that income. This factor will be calculated as the ratio of operating income during the same partial year period in the previous Rate Year to the total operating income for that Rate Year. This methodology is illustrated in Appendix 12.

3. Disposition of Shared Earnings

For electric and/or gas Shared Earnings in any Rate Year, the Company will apply 50 percent of its share and the full amount of the customers’ share of electric and/or gas Shared Earnings that would otherwise be deferred for the benefit of customers under this Proposal, to reduce respective deferred under-collections of Site Investigation and Remediation (“SIR”) costs.

In the event the amount of Shared Earnings for electric and/or gas available to reduce respective deferred under-collections of SIR costs exceeds the amount of such deferred under-collections, the Company will apply the amount of the excess to reduce other deferred costs. The Company’s annual earnings report will include the amount, if any, of deferred under-collections of SIR costs written down with the Company’s and the customers’ respective shares of Shared Earnings. If applicable, the Company’s annual earnings report will identify any other deferred costs reduced by application of Shared Earnings and the amount of Shared Earnings used for that purpose.

D. Net Plant Reconciliation

1. Electric

a. Net Plant Reconciliation

The electric revenue requirements for RY1, RY2 and RY3 reflect the average net plant balances set forth in Appendix 9 ("Electric Net Plant In Service Target Balances"). The Electric Net Plant In Service Target Balances exclude the level of capital expenditures associated with AMI, which are addressed in Section D.3 below.

The Electric Net Plant In Service Target Balances reflect a level of capital expenditures supported by various capital programs and projects. The Company, however, has the flexibility over the term of the Electric Rate Plan to modify the list, priority, nature and scope of its capital programs and projects.

The Company will defer for the benefit of customers the revenue requirement impact (*i.e.*, carrying costs, including depreciation, as identified in Appendix 9) of the amount by which the Company's actual expenditures for electric capital programs and projects result in actual average net plant that is less than the amount included in the Electric Net Plant In Service Target Balances, as set forth in Appendix 9, for RY1, RY2 and RY3 ("target levels"), on a cumulative basis;[20] that is, the carrying charges resulting from the difference (whether representing underspending or overspending) in actual Electric Net Plant In Service Balances and the target levels will carry forward for each of the Rate Years and will be summed at the end of RY3. If at the end of RY3 the

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[20] The revenue requirement impact will be calculated by applying an annual carrying charge factor (*see* Appendix 9) to the amount by which the actual net plant was below the amount included in the Average Electric Plant In Service Target Balances.

cumulative carrying charges represent underspending, the Company will book a regulatory liability for the cumulative underspent carrying charges. If at the end of RY3 the cumulative carrying charges represent overspending, no deferrals will be made. Examples of how this reconciliation will work are set forth in Appendix 9.

b. Reporting Requirements

The Company will submit annual reports relating to capital expenditures in the manner set forth in Appendix 19.

In its next electric base rate case filing, the Company will provide Information Services-related projects whitepapers in the same detail and format as the whitepapers for electric operations capital projects.

c. Non-Wires Alternative Adjustment Mechanism

The costs incurred by the Company for implementation of new NWAs (ones that are not included in base rates or for which the Company has not filed a BCA) during the Electric Rate Plan, including the overall pre-tax rate of return on such costs, will be recovered over ten years. Recovery of these NWA costs during the Electric Rate Plan will be through the ECA as further described in Section N. Unamortized NWA costs, including the return, will be incorporated into the Company's base rates when electric base delivery rates are reset.

To the extent such new NWAs result in the Company displacing a capital project reflected in the Average Electric Plant In Service Balances, the balance(s) will be reduced to exclude the forecasted net plant associated with the displaced project. The carrying charge on the reduction of the Average Electric Plant In Service Balances that would otherwise be deferred for customer benefit will instead be applied as a credit against the recovery of the NWA in the ECA. In the event the carrying charge on the net plant of any displaced project is higher than the NWA recovery, the difference will be deferred for the benefit of customers.

The Company will earn and recover incentives for NWAs, excluding the Pomona DER Project, as discussed in Section N. The earning and recovery of incentives for the Pomona DER Project were previously established in Case 14-E-0493.

2. Gas

a. Net Plant Reconciliation

The gas revenue requirements for RY1, RY2 and RY3 reflect the average net plant balances set forth in Appendix 9 ("Gas Net Plant In Service Target Balances"). The Gas Net Plant In Service Target Balances exclude the level of capital expenditures associated with AMI, which are addressed in Section D.3 below.

The Gas Net Plant In Service Target Balances reflect a level of capital expenditures supported by various capital programs and projects. The Company, however, has the flexibility over the term of the Gas Rate Plan to modify the list, priority, nature and scope of its gas capital programs and projects.

The Company will defer for the benefit of customers the revenue requirement impact (*i.e.*, carrying costs, including depreciation, as identified in Appendix 9) of the amount by which the Company's actual expenditures for gas capital programs and projects result in average net plant that is less than the amount included in the Gas Net Plant In Service Target Balances as set forth in Appendix 9, for RY1, RY2 and RY3 ("target levels"), on a cumulative basis;[21] that is, the revenue requirement impact resulting from the difference (whether representing underspending or overspending) in actual Gas Net Plant In Service Balances and the target levels will carry forward each of the Rate Years and will be summed at the end of RY3. If at the end of RY3 the cumulative carrying charges represent underspending, the Company will book a regulatory liability for the cumulative underspent carrying charges. If at the end of RY3 the cumulative carrying charges represent overspending, no deferrals will be made. Examples of how this reconciliation will work are set forth in Appendix 9.

b. Reporting Requirements

The Company will provide quarterly and annual reports relating to capital expenditures in the manner set forth in Appendix 19.

The Company will highlight new non-blanket projects in the quarterly capital expenditure reports and will provide additional information on new projects in response to Staff requests.

The Company will prepare capital budgets by category. The Company will develop a set of categories and submit for Staff review within six months of the Commission order adopting this Proposal.

In its next gas base rate case filing, the Company will provide Information Services-related projects whitepapers in the same detail and format as the whitepapers for gas operations capital projects.

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[21] The revenue requirement impact will be calculated by applying an annual carrying charge factor for the applicable average net plant in service category (*see* Appendix 9) to the amount by which actual net plant was below the amount included in the Average Gas Plant In Service Target Balances.

3. Advanced Metering Infrastructure ("AMI")

a. Net Plant Reconciliation

The Commission has authorized the Company to implement its proposed AMI Program subject to a $98.5 million cap on capital expenditures.[22] Net plant reconciliation for AMI capital expenditures will be implemented for a single category of AMI capital expenditures that includes amounts allocated to both electric and gas customers. The electric and gas revenue requirements reflect the Average AMI Plant In Service Target Balances set forth in Appendix 8 for the Company's installation of AMI during RY1, RY2 and RY3.

At the end of RY3, the Company will defer for the benefit of customers or the Company, the revenue requirement impact (*i.e.*, carrying costs, including depreciation, as identified in Appendix 8) of the amount by which the Company's actual capital expenditures for AMI results in average net plant that is different from the amount included in the Average AMI Plant In Service Target Balances, as set forth in Appendix 8, for RY1, RY2 and RY3 for the AMI program. See Appendix 8 for examples of how this reconciliation mechanism will operate in situations where, during the multi-year period during which meters are being installed, actual expenditures in a year(s) result in actual net plant that are either more or less than amounts reflected in the revenue requirement(s) for such year(s).

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[22] Case 17-M-0178, *Petition of Orange and Rockland Utilities, Inc. for Authorization of a Program Advancement Proposal,* Order Granting Petition in Part (issued November 16, 2017) ("November 2017 Order")(p. 24). Nothing in these Rate Plans is intended to affect in any manner the Company's rights under the AMI Order to petition the Commission in the event that AMI capital expenditures exceed $98.5 million.

b. Reporting Requirements

The Company will submit semi-annual reports regarding the implementation of the AMI system, with any data provided on a quarterly basis. These reports will refer to expected benchmarks set forth in the Company's AMI Business Plan.

E. Reconciliations/Deferrals

The Company will reconcile the following costs and revenues to the levels provided in rates, as set forth in Appendices 6, 7, 8 and 9. Variations subject to recovery from or to be credited to customers will be deferred on the Company's books of account over the term of the Rate Plans, and the revenue requirement effects of such deferred debits and credits, as the case may be, will be addressed in future rate proceedings.

1. Net Plant (Electric and Gas)

Please refer to Section D, Net Plant Reconciliation, of this Proposal.

2. Property Taxes (Electric and Gas)

If the level of actual electric or gas expense for property taxes, excluding the effect of property tax refunds (as defined in Section F.3 of this Proposal), varies in any Rate Year from the projected level provided in rates for that service, which levels are set forth in Appendices 6 and 7, 90 percent of the variation will be deferred on the Company's books of account and either recovered from or credited to customers, subject to the following cap: the Company's 10 percent share of property tax expenses above or below the level in rates is capped at an annual amount equal to 10 basis points on common equity in RY1, 7.5 basis points on common equity in RY2, and 5 basis points on common equity in RY3. The Company will defer on its books of account, for recovery from or credit to customers, 100 percent of the variation above or below the level at which the cap takes effect.

The Company will not be precluded from applying for a greater share of lower than forecasted property tax expenses (including the period beyond RY3) if its extraordinary efforts result in fundamental taxation changes and produce substantial net benefits to customers. The Signatory Parties reserve the right to support or oppose any such filing.

3. Pensions/OPEBs (Electric and Gas)

Pursuant to the Commission's Pension Policy Statement,[23] the Company will reconcile its actual pensions and Other Post-Employment Benefits ("OPEBs") expenses to the levels provided in rates as set forth in Appendices 6 and 7.

The Pension Policy Statement provides that companies may seek prospective interest accruals or rate base treatment for amounts funded above the cost recoveries included in rates.[24] During the term of the Rate Plans, the Company may be required to fund its pension plan at a level above the rate allowance pursuant to the annual minimum pension funding requirements contained within the Pension Protection Act of 2006. The Company, its actuary and the parties are unable to predict with certainty if the minimum funding threshold will exceed rate recoveries during the term of the Rate Plans. In lieu of a provision in this Proposal addressing the Company's additional financing requirements

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[23] Case 91-M-0890, In the Matter of the Development of a Statement of Policy Concerning the Accounting and Ratemaking Treatment for Pensions and Post-Retirement Benefits Other Than Pensions, Statement of Policy and Order Concerning the Accounting and Ratemaking Treatment for Pensions and Post-Retirement Benefits Other Than Pensions (issued September 7, 1993) ("Pension Policy Statement").

[24] *See* Pension Policy Statement, Appendix A, page 16, footnote 3.

should it be required to fund its pension plan above the level provided in rates during the term of these Rate Plans, the Proposal does not preclude the Company from petitioning the Commission to defer the financing costs associated with funding the pension plan at levels above the current rate allowance should funding above the rate allowance be required; the Company's right to obtain authority to defer such financing costs on its books of account will not be subject to requirements respecting materiality.

4. Credit Card Payment of Utility Bills (Electric and Gas)

The electric and gas revenue requirements include estimated fees associated with customer usage of credit and debit cards for payment of utility bills. The Company will reconcile its actual costs for this item with the levels provided in rates, as set forth in Appendices 6 and 7.

5. Environmental Remediation (Electric and Gas)

If the level of actual SIR expenditures,[25] including expenditures associated with former manufactured gas plant ("MGP") sites, Superfund sites, Spring Valley, West Nyack and other sites allocated to electric and gas operations, varies in any Rate Year from the levels provided in rates, which are set forth in Appendices 6 and 7, such variation shall be deferred and recovered from or credited to customers. Deferred SIR cost balances varying from the level reflected in rate base during each Rate Year, as set

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[25] SIR expenditures are the costs Orange and Rockland incurs to investigate, remediate or pay damages (including natural resource damages) with respect to industrial and hazardous waste or contamination, spills, discharges and emissions for which the Company is deemed responsible. These costs are net of insurance reimbursements (if any); nothing herein will require the Company to initiate or pursue litigation for purposes of obtaining insurance reimbursement, nor preclude or limit the Commission's authority to review the reasonableness of the Company's conduct in such matters.

forth in Appendices 6 and 7, will accrue a carrying cost at the pre-tax rate of return. The deferred cost balances will be reduced by accruals, insurance and third party recoveries, associated reserves and deferred taxes, and other offsets, if any, obtained by the Company.

The Company will reduce its deferred SIR cost balances by $9.00 million to reflect that the Company may have received insurance proceeds from Travelers, under third-party liability policies for SIR costs related to seven MGP sites owned and operated by the Company and its predecessors had the Company been successful in its litigation with Travelers. This $9 million reduction also resolves all prudence related claims against the Company relating to the Travelers litigation, including claims involving the recovery of attorneys' fees and carrying charges. This $9 million reduction is allocated $6 million to the Company's electric business and $3 million to the Company's gas business, all to be amortized over five years.

6. Non-Officer Management Variable Pay (Electric and Gas)

The electric and gas revenue requirements reflect estimated expense for the Company's Non-Officer Management Variable Pay Program. The Company will defer for future credit to customers, the amount by which the actual expense by service in any Rate Year is less than the amount shown on Appendices 6 and 7 for that service for that Rate Year.

7. Adjustments for Competitive Services (Electric and Gas)

The Company will continue to reconcile competitive service charges in accordance with current tariff provisions. Competitive service charges consist of the supply-related and credit and collections-related components of the Merchant Function

Charge (“MFC”), the credit and collections component of the Purchase of Receivables (“POR”) discount rate, the Billing and Payment Processing Charge, and Metering Charges (electric only).

8. Low Income Assistance Program (Electric and Gas)

The Company will reconcile actual payments (monthly bill credits) to low-income customers to the levels provided in electric and gas rate designs, as set forth in Appendices 6 and 7.

9. Research and Development Expense (Electric and Gas)

The Company will reconcile its actual Research and Development (“R&D”) expenses to the levels provided in electric and gas rates, as set forth in Appendices 6 and 7. The Company shall have the flexibility over the term of the Rate Plans to modify the list, priority, nature and scope of the R&D projects to be undertaken.

10. Energy Efficiency Program (Electric and Gas)

The Company’s electric and gas Energy Transition Implementation Plan (“ETIP”) costs will be recovered in base rates. The annual electric ETIP costs included in base delivery rates are $7.1 million in RY1, $8.1 million in RY2 and $9.9 million in RY3. The annual gas ETIP costs included in base delivery rates are $0.703 million for each of Rate Years 1, 2 and 3.

The Company’s energy efficiency related labor costs will be recovered in base rates and are reflected in the Company’s total labor expense line (*see* Appendices 1 and 2). Energy efficiency program budgets will not be used to fund any internal labor expenses.

The electric and gas ETIP costs are subject to a downward-only reconciliation over the terms of the Rate Plans. The Company will defer for the benefit of customers any cumulative shortfall over the terms of the Electric and Gas Rate Plans between actual expenditures for the Company's ETIP programs, and the levels provided in rates, as set forth in Appendices 6 and 7.

The reconciliation applies to the Company's aggregate total electric and gas ETIP spending, respectively, not to individual budgeted program components within the electric and gas ETIPs. The Company will continue to be afforded the flexibility to shift funds within the respective electric and gas ETIP portfolio of programs.

11. 2017 Tax Act and Bonus Depreciation (Electric and Gas)

The electric and gas revenue requirements in each RY1, RY2 and RY3 reflect the elimination of bonus depreciation starting at the end of the third quarter of 2017; however, under the 2017 Tax Act, bonus depreciation is permitted during the fourth quarter of 2017. Since the Company included bonus depreciation through the end of 2017 on its 2017 federal tax return, the Company will defer all revenue requirement impacts of claiming bonus depreciation for the fourth quarter of 2017 as a credit for customers. Additionally, if the Company is permitted to claim any bonus depreciation during 2018 and/or the term of the Rate Plans, as a result of the 2017 Tax Act or any other changes in legislation, the Company will defer all revenue requirement impacts of that election as well.

In order to achieve the stated objectives of the Commission's order in Case 17-M-0815, the revenue requirement impact of any other variances that result from the treatment of the impacts of the 2017 Tax Act in this Proposal will be deferred for future recovery from, or credit to, customers.

12. Major Storm Cost Reserve (Electric)

a. Major Storm Reserve Funding

The Company's annual electric revenue requirements provide funding for the major storm reserve of $5.87 million in RY1, $6.00 million in RY2, and $6.12 million in RY3, as shown in Appendix 6.[26] Except as provided herein, all incremental major storm costs will be charged to the major storm reserve. To the extent that the Company incurs incremental major storm costs in excess of the annual amounts stated above in a Rate Year, the Company will defer on its books of account expenses in excess of the annual amounts stated above for future recovery from customers. To the extent that the Company incurs major storm costs less than the annual amounts stated above, the Company will defer any variation less than those amounts for the benefit of customers. All major storm costs are subject to Staff review.

The Company's annual electric revenue requirements provide for $10.23 million in each Rate Year, reflecting a six-year amortization of previously incurred incremental major storm costs (net of insurance and other recoveries) due to major storms, including Winter Storm Toby (discussed further below), in excess of collections for major storm reserve funding.

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[26] A "major storm" is defined in 16 NYCRR Part 97 as a period of adverse weather during which service interruptions affect at least ten percent of the Company's customers within an operating area and/or results in customers being without electric service for durations of at least 24 hours and exceeds $200,000 in incremental costs.

b. Costs Chargeable to the Major Storm Reserve

The Company will be allowed to charge to the major storm reserve for costs incurred to obtain the assistance of contractors and/or utility companies providing mutual assistance, incremental employee labor, transportation, meals, lodging, and travel time (collectively, "Pre-Staging and Mobilization Costs") it incurs in reasonable anticipation that a storm will affect its electric operations to the degree meeting the criteria of a major storm as defined in 16 NYCRR Part 97, but which ultimately does not do so. Pre-Staging and Mobilization Costs up to $100,000 per event will not be chargeable to the major storm reserve. The Company will be allowed to charge to the major storm reserve Pre-Staging and Mobilization Costs in excess of $100,000 per event, up to a total of $1.75 million. For Pre-Staging and Mobilization Costs in excess of $1.75 million, per event, the Company will be allowed to charge 85% of such costs to the major storm reserve, and the Company will expense 15% of such costs in the year incurred. The Company may file a petition to defer the 15% of Pre-Staging and Mobilization Costs in excess of $1.75 million, per event. Each such petition will be subject to the Commission's three-part test traditionally applied to petitions requesting deferral accounting treatment.

The Company will not charge employee overtime to the major storm reserve for overtime work occurring more than 60 days following the date on which the Company is able to restore service to all customers. In addition, the Company will not charge stores handling, engineering, and other overheads costs to the major storm reserve.

c. Winter Storm Toby Petition

The Company shall defer and recover over six years a maximum of $4.5 million of Pre-Staging and Mobilization costs incurred relating to Winter Storm Toby. Such cost recovery shall be subject to Staff's review of all final invoices. The Commission's approval of this arrangement will resolve the Company's deferral petition, which is pending in Case 18-E-0414.

13. Asbestos Workers Compensation Reserve (Electric)

The Company's electric revenue requirements do not reflect asbestos claim payments to the Company's former employees. If the Company incurs any such payments during the term of the Electric Rate Plan, the Company will defer these payments on its books of account for future recovery from customers.

14. Tree Trimming (Electric)

The Company will defer for the benefit of customers any cumulative shortfall over the term of the Electric Rate Plan between actual expenditures for the Company's transmission and distribution ("T&D") tree trimming program, including the danger tree programs, and the levels provided in rates, as set forth in Appendix 6. This reconciliation will continue after RY3 on an annual basis or on a pro-rated basis (by month) for any period less than 12 months.

15. REV Demonstration Project Costs (Electric)

The Company's electric revenue requirements include estimated REV Demonstration project costs, amortized over ten years. The Company will reconcile its actual costs for this item with the levels provided in rates, as set forth in Appendix 6. The demonstration project budget cap, regardless of cost recovery mechanism, is the revenue requirement associated with $10 million in capital expenditures, as described in the Track

One Order.[27] In the event that demonstration projects would result in the Company exceeding the demonstration project budget cap, the Company may file a petition with the Commission to increase the budget cap.

16. Monsey NWA (Electric)

The Company's electric revenue requirements reflect program costs of $16.0 million to be incurred during the rate period, amortized over ten years, for a NWA solution in the Monsey substation area. The Company will reconcile its actual costs for this item with the levels provided in rates, as set forth in Appendix 6.

17. Carbon Reduction Program (Electric)

The electric revenue requirement includes the cost of the Carbon Reduction Program to provide funding for Electric Vehicle and heat pump-related programs. The Company will defer for the benefit of customers any cumulative shortfall over the term of the Electric Rate Plan between actual expenditures for the program and the level provided in rates, as set forth in Appendix 6.

18. Pomona NWA (Electric)

The Company's electric revenue requirements reflect program costs of $4.2 million to be incurred during the rate period, amortized over ten years, for a NWA solution in the Pomona substation area. The Company will reconcile its actual costs for this item with the levels provided in rates, as set forth in Appendix 6.

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[27] Case 14-M-0101, Order Adopting Policy Framework and Implementation Plan (issued February 26, 2015).

19. Platform Service Revenue (Electric)

Revenue generated from the sale of products and services on the Company's MY ORU Store online marketplace, as well as advertising and other program income, will be treated as a platform service revenue ("PSR"). Consistent with the REV Track 2 Order, 80 percent of the PSR will be deferred for customer benefit until base rates are reset and 20 percent will be retained by the Company.

20. Pipeline Safety Act (Gas)

The Company's gas revenue requirements do not reflect costs to comply with new regulations associated with the Pipeline Safety Act of 2011. If the Company incurs any incremental costs to comply with the new regulations during the term of the Gas Rate Plan, the Company will defer these costs on its books of account for future recovery from customers.

21. Additional Reconciliation/Deferral Provisions

In addition to the foregoing reconciliation provisions, along with all other provisions of this Proposal embodying the use of a reconciliation and/or deferral accounting mechanism, all other applicable existing reconciliations and/or deferral accounting mechanisms will continue in effect through the term of these Rate Plans and thereafter until modified or discontinued by the Commission, except for those expressly identified in this Proposal for termination. Continuing reconciliation and/or deferral accounting mechanisms include, but are not limited to those for, MTA taxes, New York Public Service Law §18-a regulatory assessment, Renewable Portfolio Standard charges, vacation pay accrual pursuant to ASC 980 Regulated Operations, carrying charges for storage gas, the GSC, MGA, MSC, ECA, and System Benefits Charge ("SBC") mechanisms. The Company will defer any differences between the Company's actual revenues and authorized revenues, as determined by the Company's RDMs. In addition, the Company will defer any carrying costs for projects approved or required by the Commission that are incremental to the Company's capital additions, such as participation in regulated backstop solutions or generation as the provider of last resort.

Appendix 3 sets forth the annual amortization of deferred regulatory assets and liabilities included in the annual revenue requirements.

22. Discontinued Reconciliations

a. Deferred Income Taxes – Rate Base Reconciliation (Electric and Gas)

Effective December 31, 2018, the Company will no longer incur carrying costs on the variance between the Company's accumulated deferred FIT balances for ACRS/MACRS/ADR or the Repair Allowance and the levels reflected in rate base.

b. Reliability Surcharge Mechanism (Gas)

Effective December 31, 2018, the Company will terminate its Reliability Surcharge Mechanism ("RSM"), which recovers costs associated with incremental capital expenditures for leak prone pipe replacement not provided for in base rates.

F. Additional Accounting Provisions

1. Depreciation Rates and Reserves

a. Depreciation Rates (Electric and Gas)

The average services lives, net salvage factors and life tables used in calculating the depreciation reserve and establishing the revenue requirements for electric and gas service are set forth in Appendix 11.

The average service lives, net salvage factors and life tables have been agreed to for the purposes of this Proposal, but such agreement does not necessarily imply endorsement of any methodology for determining any of them by any Signatory Party.

In the depreciation study submitted in its next base rate case filing, the Company will provide rolling and shrinking bands in the same format as it provided in these proceedings. These would include mathematical curve fitting results for each band. For rolling bands, the Company will provide rolling ten-year bands. The Company also will present the gas mains and services in smaller sub-accounts by material.

b. Depreciation of Legacy Meters after AMI Installation

Beginning in RY1, the Company will amortize unrecovered legacy meter costs due to the implementation of AMI. Once AMI is fully deployed, the Company will defer as a separate regulatory asset the remaining undepreciated investment in legacy meters and recover it over a 15-year period.

2. Interest on Deferred Costs

The Company is required to record on its books of account various credits and debits that are to be charged or refunded to customers. Unless otherwise specified in this Proposal or by Commission order, the Company will accrue interest on these book amounts, net of federal and state income taxes, at the Other Customer-Provided Capital Rate published by the Commission annually. MTA tax deferrals are either offset by other balance sheet items or reflected in the Company's rate base and will not be subject to interest.

3. Property Tax Refunds and Credits

Property tax refunds allocated to electric and/or gas that are not reflected in the respective Rate Plans and that result from the Company's efforts, including credits against tax payments or similar forms of tax reductions (intended to return or offset past overcharges or payments determined to have been in excess of the property tax liability appropriate for Orange and Rockland), will be deferred for future disposition, except for an amount equal to 14 percent of the net refund or credit, which will be retained by the Company. Incremental expenses incurred by the Company to achieve the property tax refunds or credits will be offset against the refund or credit before any allocation of the proceeds is calculated. The 14 percent retention will apply to all such property tax refunds and/or credits against future tax payments actually achieved by Orange and Rockland during the term of the Rate Plans.[28] In addition, the Company is not relieved of the requirements of 16 NYCRR §89.3 with respect to any refunds it receives.

4. Income Taxes and Cost of Removal Audit

On January 11, 2018, the Commission issued an order commencing a focused operations audit to investigate the income tax accounting of Orange and Rockland and other New York State utilities in Case 18-M-0013 (“COR Audit”).[29] Specifically, the COR Audit focuses on determining whether an error in income tax accounting occurred

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[28] This includes 14 percent of any property tax refunds, finalized during the term of the Rate Plans, but actually received after the end of the term of the Rate Plans (*i.e.*, December 31, 2021).

[29] Case 18-M-0013, *In the Matter of a Focused Operations Audit to Investigate the Income Tax Accounting of Certain New York State Utilities*, Order Approving and Issuing the Request for Proposals Seeking a Third-Party Consultant to Perform Audits to Investigate the Income Tax Accounting of Certain New York State Utilities (issued January 11, 2018).

with respect to cost of removal ("COR") as alleged and whether Orange and Rockland ratepayers received the benefit of the lower income tax expenses in rates as a result of the claimed errors. The COR Audit is currently being performed by an independent auditor selected by the Commission on April 23, 2018.[30] The Signatory Parties agree that the final, non-appealable Commission-ordered findings in the COR Audit are binding on the instant proceedings (*i.e*., any Commission-ordered adjustment to the amounts related to the alleged COR error embedded in the Company's cost of service forecast (income tax expense and excess deferred federal income tax liability balances) in the instant rate filings will be reconciled (*i.e*., refunded to or collected from customers) to any Commission-ordered findings in Case 18-M-0013). The Signatory Parties reserve all of their administrative and judicial rights to take and pursue their respective positions with respect to all issues, rulings and decisions in Case 18-M-0013.

5. Allocation of Common Expenses/Plant

During the term of the Rate Plans and thereafter until revised by the Commission, common expenses and common plant will be allocated according to the following percentages: 66.93% electric operations and 33.07% gas operations. Should the Commission approve different common allocation percentages for electric and/or gas service prior to the next base rate case for the electric and/or gas businesses, the resulting annual revenue requirement impacts will be deferred for future recovery from or credit to customers.

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[30] Case 18-M-0013, *supra*, Order Directing Utilities to Enter into Contract with Selected Independent Auditor (issued April 23, 2018).

6. Allocation of Intercompany Shared Services

In the event the Commission does not modify the intercompany shared services allocation methodology in the rate order that it issues in Con Edison's next base rate proceeding(s), Orange and Rockland shall consider alternative methodologies and, in its next base rate filing(s), explain why the methodology it proposes is appropriate.

G. Revenue Allocation/Rate Design and Other Tariff Changes

1. Electric

The revenue allocation and rate design changes being made as part of this Proposal are set forth in Appendix 17.

a. Embedded Cost of Service ("ECOS") Study

In its next electric rate case, the Company will provide, for illustrative purposes, an alternative ECOS study that excludes T&D components from customer-related costs (*i.e*., the ECOS study does not make use of the minimum system methodology and poles (FERC Account 364), conductors (FERC Accounts 365, 366, 367) and transformers (FERC Account 368) are classified as entirely demand-related). The Company will provide a breakdown of the subaccounts (*i.e.*, FERC Accounts 907-916) included in the customer service category. The Company will investigate what kind of meter cost breakdown will be available in the ECOS study.

Following its next electric rate filing, the Company will conduct, for interested parties, a post-filing walk-through of the ECOS study and rate design underlying the proposed electric base delivery rates. Additionally, the Company will provide and review at the walk-through, an explanation of the differences in the ECOS studies filed pursuant to this Proposal, a more detailed explanation of the purpose of each file and cross-references of the underlying data sources, a table of acronyms used, a table of contents, and an index of files.

b. Marginal Cost Study

The marginal cost study, originally submitted by the Company, forms the basis for the Excelsior Jobs Program ("EJP") discounts shown below, which will be applicable to customers commencing service on the EJP on or after January 1, 2019:

SC No. 2 – Secondary	- 75 %
SC No. 2 – Primary	- 78 %
SC No. 3	- 72 %
SC No. 9	- 70 %
SC No. 20	- 77 %
SC No. 21	- 72 %
SC No. 22	- 70 %

The EJP discounts for SC No. 25 customers shall be equal to the EJP discount of the customer's otherwise applicable service classification.

c. Tariff Changes

In addition to the tariff changes required to implement various provisions of this Proposal, a number of tariff changes will be made as summarized below. The specific language of the changes will be set forth in the tariff leaves to be filed with the Commission.

1. Make changes to the following mechanisms to align with a Rate Year ending December 31 and/or to account for a partial Rate Year: the RDM, the components of the POR discount percentage, the Transition Adjustment for Competitive Services ("TACS"), and the reconnection fee waiver;

2. Modify the Uncollectibles Percentages to be based on the Company's actual uncollectible experience for the 12-month period ended the previous September 30;

3. Add language to the ECA to provide mechanisms to recover and/or credit customers for: (a) NWA project costs and incentives; (b) EAMs; (c)

positive and negative revenue adjustments resulting from the Company's electric and customer service performance mechanisms; and (d) the price guarantee proposed for residences with plug-in electric vehicles ("PEVs") taking service under SC No. 19;

4. Add language to Rider B – Recharge New York ("RNY") to establish a bill credit of $0.00126 per kWh in RY1, $0.00152 per kWh in RY2, and $0.00200 per kWh commencing in RY3 and continuing until such time that base rates are reset, on RNY load to account for the move of Company-run energy efficiency program costs into base rates and reflect RNY power exemption from energy efficiency program costs;

5. Add language to SC No. 25 – Standby Service to: (a) exempt batteries up to 1 MW of inverter capability from standby rates; (b) decrease maximum NOx emissions for combined heat and power facilities in order to qualify for technology-based exemption from standby rates; and (c) clarify that SC No. 25 customers will be assessed the mandatory day-ahead hourly pricing-eligible metering charges of their otherwise applicable SC;

6. Offering a one-year price guarantee to customers taking service under SC No. 19 for residences that include PEVs and register such PEVs with the Company;

7. Add language to SC No. 2 to clarify that non-demand billed rates are for secondary service;

8. Add language to the MSC to: (a) include on-line auction platform costs as recoverable supply costs; and (b) clarify how the Company calculates capacity charges; and

9. Housekeeping changes will be made to various other provisions of the electric tariff, including the elimination of obsolete provisions as detailed in the direct testimony of the Company Electric Rate Panel.

2. Gas

The revenue allocation and rate design changes being made as part of this Proposal are set forth in Appendix 18.

a. Embedded Cost of Service ("ECOS") Study

In its next gas rate case, the Company will provide for illustrative purposes, an alternative ECOS study that excludes T&D components from customer-related costs (*i.e.*, the ECOS study classifies mains (FERC Account 376) as entirely demand-related).

Following its next gas rate filing, the Company will conduct, for interested parties, a walk-through of the ECOS study and rate design underlying the proposed gas base delivery rates. Additionally, the Company will provide and review at the walk-through, an explanation of the differences in the ECOS studies filed pursuant to this Proposal, a more detailed explanation of the purpose of each file and cross-references of the underlying data sources, a table of acronyms used, a table of contents, and an index of files.

b. Marginal Cost Study

The marginal cost study, originally submitted by the Company, forms the basis for the EJP discounts shown below, which will be applicable to customers commencing service on the EJP on or after January 1, 2019:

SC Nos. 2 and 6 – RS IB and II	- 22.3 %

c. Interruptible Transportation Rates

SC No. 8 rates will continue to consist of a block rate design and a minimum monthly charge. The minimum monthly charge for 100 Ccf will be set at $135.00 until base rates are reset. A Base Charge will continue to be used to determine the block rates for usage greater than 100 Ccf. The Base Charge will be determined each month and shall not exceed 27.29 cents per Ccf during RY1, 27.00 cents per Ccf during RY2, and 26.53 cents per Ccf during RY3 and thereafter until such time as the Commission resets the Company’s gas base rates.

d. Tariff Changes

In addition to the tariff changes required to implement various provisions of this Proposal, a number of tariff changes will be made as summarized below. The specific language of the changes will be shown on tariff leaves to be filed with the Commission.

1. Make changes to the following mechanisms to align with a Rate Year ending December 31 and/or to account for a partial Rate Year: the RDM, the components of the POR discount percentage, the TACS, the Sharing of Benefits Credit/Surcharge, and the reconnection fee waiver;

2. Modify the Uncollectibles Percentages to be based on the Company's actual uncollectible experience for the 12-month period ended the previous September 30;

3. Add language to the MGA to provide mechanisms to recover and/or credit customers for: (a) NPA project costs; (b) Earnings Adjustment Mechanisms; (c) consulting costs; (d) positive and negative revenue adjustments resulting from the Company's gas and customer service performance mechanisms; and (e) demand revenues from gas transportation agreements;

4. The normal heating degree days ("NHDD") contained in the Weather Normalization Adjustment mechanism shall be 4,940 heating degree days (*i.e.*, the October through May average for the 30 calendar years ended December 2016);

5. The calculation of the gas factor of adjustment and line loss incentive/penalty included in the Annual Surcharge or Refund Adjustment as well as the SPA Mechanism will be modified as discussed in Section B.2.h;

6. Add a capacity charge component to Winter Bundled Sales Service ("WBSS") under SC No. 11;

7. Add language to the GSC to: (a) include on-line auction platform costs as recoverable supply costs; and (b) include the reduction of the WBSS capacity charge component revenues in the fixed cost of gas calculation;

8. Modify the firm base load provision in SC No. 8 such that, effective on the first of the month following 30 days after the Commission order adopting this Proposal, customers who elect the firm base load option in addition to their interruptible usage will have their billing determinants be based on a daily comparison of firm versus interruptible usage; and

9. Housekeeping changes will be made to various other provisions of the gas tariff, including the elimination of obsolete provisions and changes meant to simplify tariff administration as detailed in the direct testimony of the Company Gas Rate Panel.

H. Performance Metrics

Performance metrics designed to measure various activities that are applicable to the Company's Electric, Gas and Customer Service Operations, and assess negative and/or positive revenue adjustments where performance targets are not met or are exceeded, are set forth in Appendices 13, 14, and 15. Any negative or positive revenue adjustments incurred by the Company during the Rate Plans relating to the performance metrics will be recovered from or credited to customers through the ECA/MGA over a 12-month period commencing June 1. Any such surcharge or credit will be applicable to customers who are subject to the ECA and MGA on a common cents per kWh or cents per Ccf basis, respectively. The Company will perform an annual reconciliation of these revenue adjustments.

I. Additional Gas and Electric Programs

1. Gas Demand Response Pilot Program

The Company will develop a Gas DR pilot program (modeled on the Con Edison Gas DR pilot program targeting commercial and industrial customers in Case 17-G-0606) to gain insight into optimal gas DR operational parameters and achievable customer response. The primary objective of the program will be to test the feasibility of incentivizing customers to provide net reductions of natural gas demand during peak gas demand days (*i.e.*, from 10:00AM to 10:00AM the following day); at sufficient levels, such reductions could potentially defer or eliminate the need to pursue pipeline projects or add to peak day assets. The Gas DR pilot program will also explore strategies to optimize customer participation and performance.

The Company will file its proposed Gas DR pilot program Implementation Plan seeking Commission approval within 12 months of the Commission order adopting this Proposal. The Company will meet with Staff and interested parties prior to filing the Implementation Plan with the Commission. The Implementation Plan will address the following:

- Customer Eligibility;
- Operational Parameters;
- Measurement and Verification;
- Marketing, Outreach and Customer Engagement;
- Budget; and
- Benefit-Cost Analysis (“BCA”).

The Company will be allowed to recover, through a new surcharge that will be a component of the MGA, consultant costs of up to $150,000 to help develop the Gas DR pilot program.

The Company will continue to work with Con Edison to explore other potential NPA/DR initiatives as a way to alleviate the need for additional pipeline capacity or increased peak day assets.[31]

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[31] For reporting purposes only, the Company will identify the assets in the Orange and Rockland-Con Edison joint portfolio that are projected to be used to meet the Company’s gas requirements on a peak day for the next winter period. This projected use may change from year to year and may differ from the actual use.

The Company will conduct a BCA for NPA/DR programs using: (1) the societal cost test, utility cost test, and rate impact measure, as set forth in the Commission's BCA Order;[32] and (2) the framework provided within Company's BCA handbook (to be developed), including any environmental impacts caused by fuel switching, modified appropriately to address the gas projects identified. Statutory requirements under Part 230 of the Commission's Rules and Regulations are excluded.

2. Gas R&D Program

The Company will file with the Commission an updated detailed R&D plan within six months of the Commission order adopting this Proposal, to address progress under the existing plan submitted in Case 14-G-0494, as well as future planned R&D efforts.[33] Sixty days after the end of each Rate Year, the Company will submit to the Commission an annual R&D report describing the status of the R&D plan. The Company also will submit to the Commission quarterly R&D expenditure reports as part of the quarterly capital expenditure report (see Appendix 19).

3. Renewable Gas Standards

The Company will develop and evaluate a potential list of renewable gas providers within the Company's service territory to determine whether opportunities exist for future consideration. The evaluation will include a high-level, generic analysis of potential costs renewable gas providers might incur. The results of the evaluation will be

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[32] Case 14-M-0101, *Proceeding on Motion of the Commission in Regard to Reforming the Energy Vision*, Order Establishing the Benefit Cost Analysis Framework (issued January 21, 2016)("BCA Order")

[33] As noted in Section E.9 above, the Company shall have the flexibility over the term of the Rate Plans to modify the list, priority, nature and scope of the R&D projects to be undertaken.

filed with the Commission within 12 months of the Commission order adopting this Proposal. The Company will recover, through a surcharge that will be a component of the MGA, consultant costs of up to $75,000 the Company incurs to perform such evaluation. The Company will add a renewable gas interconnection standard to its O&M procedures, including charges if necessary.

4. Remote Methane Leak Detection

The Company will use customer credits resulting from the 2016 Gas Safety Performance Measure negative revenue adjustments to fund remote methane leak detection technology for first responders, including vendor training for first responders, as appropriate. The specific amount of this credit is to be determined in accordance with the Joint Proposal adopted by the Commission in Case 14-G-0494.

5. Residential Methane Detectors

The Company will implement a program to offer and distribute methane detectors at no cost to residential customers up to the funded amounts. The revenue requirements reflect funding for this program of $120,000 in RY1, $240,000 in RY2, and $360,000 in RY3.

6. Enhanced Gas Safety Programs

The Company may use consultants for gas safety work related to two programs: Enhanced Procedures Review Program and Pipeline Safety Management Systems Program. In each of RY1, RY2 and RY3, the Company will recover consulting costs for these two programs of up to $150,000 per year for either program, or $200,000 in total for both programs.

7. Energy Cost Calculating Tool

The Company will include a link on its website to a tool allowing prospective customers to evaluate the costs and benefits of operating different heating solutions. At the Company's option, the link will either direct customers to a tool developed by the Company or to a tool developed by a third party. The link shall be established within three months of the Commission order adopting this Proposal.

8. Customer Owned Street Light Dimming Pilot ("Pilot")

a. The Company will implement a Pilot that involves the installation and use of smart control nodes on approximately 25 street lights that are owned by no more than two of the Company's municipal customers that take service under SC 6. The purpose of installing these smart control nodes is to gain knowledge of their accuracy in the field (NYPA may seek Commission approval in the future). The Company will separately meter each of these street lights in order to record their actual usage.

b. The Pilot will use data from smart control nodes paired with the Company's meters to test and confirm the performance of the smart control nodes. The Company will bill the municipality for the actual usage of the street lights participating in the Pilot.

c. After obtaining six months of data, the Company will convene a collaborative to discuss the development of a dimmable street lighting rate for customer owned street lights. If the evidence warrants, the parties will pursue a dimmable street lighting rate that would take effect during the Rate Plan. The implementation of any such rate during the Rate Plan shall be on a basis that is revenue neutral to the street lighting class.

d. No Signatory Party is prohibited from filing a petition with the Commission for an alternative rate structure for customer-owned dimmable street lights if the collaborative is not making meaningful progress toward the development of a dimmable street lighting rate. The implementation of any such rate during the Rate Plan shall be on a basis that is revenue neutral to the street lighting class.

J. Customer Service Issues

1. Outreach and Education

Orange and Rockland will continue to develop and implement outreach and education activities, programs and materials that will aid its customers in understanding their rights and responsibilities as utility customers, as well as provide important safety information. Annually, on September 30 of each Rate Year, the Company will file an outreach and education plan with the Secretary, along with a summary and assessment of its customer education efforts in the previous year. The annual plan shall include: the goals of the outreach and education program, detailed budgets, the specific outreach campaign messages to be disseminated, the communication vehicles to be used to disseminate them, and the criteria for measuring the program's achievement.

2. Same-Day Electric Service Reconnections

a. Weekday Same-Day Reconnections

The Company will exercise reasonable efforts, within the Company's existing staffing levels and budgets, in attempting 100% same-day electric service reconnection for residential electric customers whose service was disconnected for non-payment at the meter and who become eligible for reconnection (*e.g.*, by making payment) by 5:00 p.m.

Monday-Friday, excluding Company holidays. This process does not include customers whose meter was removed or service was cut in the street.

b. Reporting

The Company will file a report on residential same-day reconnections for each calendar quarter (the "reporting period"). Each report will be filed with the Secretary, with copies by email to interested parties, within 30 days after the end of each reporting period. The report will indicate the number of residential electric customer reconnection work orders issued by 5:00 p.m. Monday-Friday, the number of same-day reconnections attempts made to such customers, and the number of completed same-day reconnections.

3. Payment Options - Credit/Debit Card Payments

The Company will modify its existing credit/debit card bill payment option by permitting residential customers to pay their Orange and Rockland bill by use of a credit and/or debit card (collectively "CC/DC") without incurring a fee from a third-party agent processing such payments. Instead, the Company will incur the aggregate costs of processing CC/DC payments for residential customers. The proposed rates for residential customers reflect the estimated annual transaction fees that the vendor will charge the Company for RY1, RY2, and RY3. The Company will defer the amount by which actual transaction fees are above or below the annual target reflected in rates for future recovery from or credit to customers, as applicable.

The Company will file quarterly reports with the Secretary that will include total fees paid by the Company, per transaction rates, and actual levels of customer participation. The 4th quarter report will include such data for the Rate Year.

4. Electronic Deferred Payment Agreements (“DPAs”)

Within three months of the Commission order adopting this Proposal, the Company will file with the Secretary a proposal for the implementation of an electronic deferred payment agreement (“EDPA”) program.

5. Applications for Service

The Company will allow applicants for residential utility service making their application orally to furnish all proof of identification, (including, but not limited to, social security number, driver’s license number, municipal identification number, individual taxpayer identification number) by telephone. The Company may require a written application from applicants who are requesting to take over service at a premise where the service is subject to termination, or has been terminated, for non-payment. The Company will develop (and will follow) written procedures for circumstances requiring written applications. Staff will have the opportunity to review the procedures prior to implementation. The Company will update its practices and training materials accordingly.

The Company shall provide additional training to its customer service representatives regarding the permissible forms of identification that may be provided by applicants for residential utility service.

6. Training Materials and Customer Messaging

The Company will update its training materials and customer messaging, as necessary, to distinguish between customers’ options for “collection arrangements” or “deferred payment agreements,” and include language to provide customers with information on the features of each, including the amount they will be required to pay.

Within 30 days of the Commission order adopting this Proposal, the Company will provide interested parties with the updated training materials and enhanced messaging for input and comment. Parties will provide any comments to the Company within 30 days. The Company shall review and consider such comments and finalize the updated training materials and messaging within 30 days of the receipt of such comments. The Company shall have full discretion to select the final content of the training materials and messaging. The Company will complete any required training for call center representatives and consumer advocates within 90 days of finalizing the updated training materials and messaging.

7. Recording Calls

The Company will, to the extent practicable, record outbound and inbound collection calls to and from the Company's call centers. The Company will retain records of such calls for 24 months, after which the Company may delete such records.

8. Written Confirmation of Unsigned Payment Agreements

The Company will maintain as part of a customer's account file a record of collection arrangements entered into by oral agreement with the customer. The Company will instruct its call center representatives to offer to send a written summary of such collection arrangements to the customer by mail or email, upon the customer's request.

9. Digital Customer Experience ("DCX")

Beginning in RY1, the Company will file quarterly reports with the Secretary on the DCX program that details progress on the re-design of existing digital content and services, and implementation of new digital services/functionality. Commencing in RY2, the Company will include in these quarterly reports the number of customers who used Click to Call functionality and the number of instances that customers used co-browse functionality and Live Chat.

K. Electric and Gas Low Income Assistance Programs

1. Monthly Bill Credit

Pursuant to the Low Income Order,[34] bill discount credits are authorized for Home Energy Assistance Program ("HEAP") recipients as set forth in the Low Income Order. The bill discount credits are set forth in the electric and gas tariffs.[35] The level of funding provided for the bill discount credits, subject to symmetrical deferral, is provided below (and set forth in Appendices 6 and 7).

Income Level	Electric Heating	Electric Non-Heat	Gas Heating	Gas Non-Heat
Tier 1	$35	$35	$7	$3
Tier 2	$55	$55	$23	$3
Tier 3	$76	$76	$39	$3
Tier 4	$57	$57	$25	$3

2. Reconnection Fee Waiver

During the term of the Rate Plans, the Company will continue its policy of waiving its reconnection fee for any Orange and Rockland electric and/or gas customer

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[34] Case 14-M-0565, Proceeding on Motion of the Commission to Examine Programs to Address Energy Affordability for Low Income Utility Customers, Order Approving Implementation Plans with Modifications (Feb. 17, 2017) ("Low Income Order").

[35] Bill discount credits may change based on the annual Low Income Plan the Company is required to file with analysis of customer bills. If there is a change in bill discount credits, a tariff filing containing the new bill discounts shall be filed by the Company no later than October 1 of every year.

who receives a HEAP grant, according to the terms set forth in the Company's electric and gas tariffs.

3. EmPower Support

Once during each Rate Year, Orange and Rockland will send a letter to all its low-income customers soliciting the consent of such customers so that they can be referred to the New York State Energy Research and Development Authority ("NYSERDA") for participation in NYSERDA's EmPower-NY services program, or any program approved by the Commission as a successor to the EmPower-NY program during the Rate Plans. For low-income customers that consent, the Company will forward to NYSERDA, through a confidential electronic means, such customers' contact and usage information. Staff will make a good faith effort during the term of the Rate Plans to encourage NYSERDA to promote the EmPower-NY services program in the Company's service territory. Staff also will encourage NYSERDA to provide the Company, Staff, and UIU with a report describing whether, and if so how, the customers referred to NYSERDA by the Company participated in NYSERDA's EmPower-NY services program. The Company will continue to work with NYSERDA to further streamline and improve the Empower referral process.

In the final quarterly low income report for each Rate Year, to the extent applicable, the Company will identify the number of referral letters that it sent out to low income customers during the Rate Year and the number of customers that requested that the Company refer them to NYSERDA.

4. Reporting Requirements

The Company will file quarterly Low Income reports as directed in Case 14-M-0565 "Order Adopting Low Income Program Modifications and Directing Utility Filings," issued May 20, 2016.

L. Collaboratives

1. Gas Marketer Collaborative

The Company will initiate a marketer collaborative, to commence during RY1, wherein parties can discuss issues of concern to the energy services company community. The frequency of such meetings will be discussed and decided by the Company, Staff and other interested parties.

M. Earnings Adjustment Mechanisms ("EAMs")

Incentives associated with Electric EAMs will be recovered through the EAM Surcharge component of the Company's ECA Mechanism. Recovery will be over a 12-month period commencing July 1. Recovery will be on a kWh basis for non-demand customers and on a kW basis for demand customers (on a kW of contract demand basis for standby customers), with rates determined for the following service classification groups:

Group 1: SC Nos. 1 and 19;

Group 2: SC No. 2 Non-Demand Billed;

Group 3: SC Nos. 2 Secondary, 20, and 25 – Rate I;

Group 4: SC Nos. 2 Primary, 3, 21, and 25 – Rate II;

Group 5: SC Nos. 9, 22, and 25 – Rates III and IV; and

Group 6: SC Nos. 4, 5, 6, and 16.

Such collection will be based on the aggregate results of the following allocation methodologies divided by either forecast kWh or kW over the respective recovery period:

- Peak Reduction Metric, Storage Roadmap Metric, Interconnection EAM, and Customer Engagement EAM will be allocated using the transmission demand allocator (D01);
- Energy Efficiency (MWh Reduction) Metric, Residential and Commercial Energy Intensity Metrics and Environmentally Beneficial Electrification EAM will be allocated using the energy allocator (E01); and
- DER Utilization Metric will be allocated using the following three allocators that will be equally weighted: coincident peak (D01), non-coincident peak (D02), and energy allocator (E01).

These rates will be applied to the energy (kWh) or demand (kW) deliveries, as applicable, on the bills of all customers served under the above-mentioned SC groups.

Recoveries (eleven months actual, one month forecast) will be reconciled to allocable costs for each 12-month recovery period ending June 30, with any over or under recoveries included in the development of the succeeding EAM Surcharge component of the ECA. Reconciliation amounts related to the one month forecast will be included in the next subsequent rates determination.

Incentives associated with the Gas EAM will be recovered through the new EAM Surcharge component of the MGA Mechanism. Recovery will be over a 12-month period commencing July 1. Recovery will be on a Ccf basis with a uniform factor developed, based on forecast Ccf over the respective recovery period, and applied to all deliveries on the bills of all customers served under SC Nos. 1, 2, and 6. Recoveries (eleven months actual, one month forecast) will be reconciled to allocable costs for each 12-month recovery period ending June 30, with any over or under recoveries included in the development of the succeeding EAM Surcharge component of the MGA. Reconciliation amounts related to the one-month forecast will be included in the next subsequent rates determination.

Orange and Rockland will adopt electric and gas EAMs as of January 1, 2019. Achievement of EAMs will be measured on December 31, 2019 and thereafter on a Rate Year basis over the term of the Rate Plan. There are five EAMs for electric, comprised of nine metrics, and one EAM for gas, comprised of one metric. Each EAM metric contains targets that are set at minimum, midpoint and maximum performance levels. The Company will earn a pre-tax earnings adjustment on a prorated basis for performance between the minimum and midpoint performance levels, as well as for performance between the midpoint and maximum performance levels. Orange and Rockland has the potential to earn a maximum earnings adjustment of $3.618 million (62.5 BP) in RY1, $4.035 million (67.5 BP) in RY2, and $4.220 million (67.5 BP) in RY3 for its electric business. With respect to the gas business, Orange and Rockland has the potential to earn a maximum earnings adjustment of $0.301 million (10BP) million in RY1, $0.316 million (10BP) in RY2, and $0.330 million (10BP) in RY3. All EAM targets and incentives are set forth in Appendix 16.

The Company will perform an evaluation and file a report on EAMs with the Commission by June 1, 2020. As a result of the June 1, 2020 report and/or in the event that the Commission authorizes significant new programs or substantial increases to the budgets for existing programs, the EAM targets and incentives may be adjusted. The EAMs, and associated targets and incentives, established in these proceedings will remain in place over the term of the Rate Plan, unless and until changes are approved by the Commission.

N. NWA Incentives

The Company will continue to earn, record, and report incentives associated with its current NWA Programs as previously authorized (*i.e.*, under the Order Granting Petition in Part issued on November 16, 2017, in Case 17-M-0178, the subsequent Operating and Accounting Procedures filed by the Company in Case 17-M-0178 on December 18, 2017, and the 2015 Rate Order).

Recovery of NWA incentives following the Commission order adopting this Proposal will be through the ECA. Both the incentives earned as well as the program costs as described in Section D.1.C of this Proposal will be allocated through the ECA to SC groups based on that SC group's percentage contribution to the non-coincident demand specific to the voltage level of the traditional infrastructure project the NWA project would defer. The SC groups are as follows:

Group 1: SC Nos. 1 and 19;

Group 2: SC No. 2 Non-Demand Billed;

Group 3: SC Nos. 2 Secondary, 20, and 25 – Rate I;

Group 4: SC Nos. 2 Primary, 3, 21, and 25 – Rate II;

Group 5: SC Nos. 9, 22, and 25 – Rates III and IV; and

Group 6: SC Nos. 4, 5, 6, and 16.

Amortized costs and incentives will be collected on a per kWh basis for non-demand billed SC groups and on a per kW basis for demand-billed groups (on a kW of contract demand basis for standby customers).

O. Miscellaneous Provisions

1. Continuation of Provisions; Rate Changes; Reservation of Authority

Unless otherwise expressly provided herein, the provisions of this Proposal will continue after RY3 for electric and for gas, unless and until electric or gas base delivery service rates, respectively, are reset by Commission order. For any provision subject to RY1, RY2 and RY3 targets, the RY3 target shall be applicable to any additional Rate Year(s).

Nothing herein precludes Orange and Rockland from filing a new general electric rate case or a new general gas rate case prior to January 1, 2022, for rates to be effective on or after January 1, 2022.

Changes to the Company's base delivery service rates during the term of the Electric or Gas Rate Plan will not be permitted, except for (a) changes provided for in this Proposal; and (b) subject to Commission approval, changes as a result of the following circumstances:

a. A minor change in any individual base delivery service rate or rates whose revenue effect is *de minimis*, or essentially offset by associated changes within the same class or for other classes. It is understood that, over time, such minor changes are routinely made and that they may continue to be sought during the term of the Electric and Gas Rate Plans, provided they will not result in a change (other than a *de* *minimis* change) in the revenues that Orange and Rockland's base delivery service rates are designed to produce overall before such changes.

b. If a circumstance occurs which, in the judgment of the Commission, so threatens Orange and Rockland's economic viability or ability to maintain safe, reliable and adequate service as to warrant an exception to this undertaking, Orange and Rockland will be permitted to file for an increase in base delivery service rates at any time under such circumstances.

c. The Signatory Parties recognize that the Commission reserves the authority to act on the level of Orange and Rockland's electric and/or gas rates in the event of unforeseen circumstances that, in the Commission's opinion, have such a substantial impact on the range of earnings levels or equity costs envisioned by these Rate Plans as to render Orange and Rockland's electric and/or gas rates unreasonable or insufficient for the provision of safe and adequate service at just and reasonable rates.

d. Nothing herein will preclude any Signatory Party from petitioning the Commission for approval of new services, the implementation of new service classifications and/or cancellation of existing service classifications, or rate design or revenue allocation changes within or among service classes, which are not contrary to the agreed upon terms and conditions set forth herein. All changes will be implemented on a revenue neutral and earnings neutral basis.

e. The Signatory Parties reserve the right to support or oppose any filings made under this Section.

2. Legislative, Regulatory and Related Actions

a. If at any time the federal government, State of New York and/or other local governments make changes in their tax laws (other than local property taxes, which will be reconciled in accordance with Section E.2 of this Proposal, and bonus depreciation, which will be reconciled under the 2017 Tax Act and any new legislation in accordance with Section E.11 of this Proposal)[36] that result in a change in the Company's costs[37] in an annual amount, calculated and applied separately for electric and gas, equating to 10 basis points of return on common equity or more,[38] and if the Commission does not address the treatment (*e.g.*, through a surcharge or credit) of any such tax law changes, including any new, additional, repealed or reduced federal, State, local government taxes, fees or levies, Orange and Rockland will defer on its books of account the full change in expense and reflect such deferral as credits or debits to customers in the next base rate change subject to any final Commission determination in a generic proceeding prescribing utility implementation of a specific tax enactment, including a Commission determination of any Company-specific compliance filing made in connection therewith.[39]

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[36] All impacts of the 2017 Tax Act, including bonus depreciation, will be reconciled in accordance with Section E.11 of this Proposal.

[37] Costs in this context include current and deferred tax impacts.

[38] For electric, such amounts are estimated to be $0.579 million in RY1, $0.598 million in RY2 and $0.625 million in RY3. For gas, such amounts are estimated to be $0.301 million in RY1, $0.316 million in RY2 and $0.330 million in RY3.

[39] All Signatory Parties reserve all of their administrative and judicial rights in connection with such generic proceeding(s).

b. If at any time any other law, rule, regulation, order, or other requirement or interpretation (or any repeal or amendment of an existing rule, regulation, order or other requirement) of the federal, State, or local government or courts, results in a change in Orange and Rockland's annual electric or gas costs or expenses not anticipated in the forecasts and assumptions on which the rates in this Proposal are based in an annual amount, calculated and applied separately for electric and gas, equating to 10 basis points of return on common equity or more,[40] Orange and Rockland will defer on its books of account the full change in expense, with any such deferrals to be reflected in the next base rate case or in a manner to be determined by the Commission.

c. The Company will retain the right to petition the Commission for authorization to defer on its books of account extraordinary expenditures not otherwise addressed by this Proposal.

3. Recognition of Policy Proceedings

a. The Signatory Parties recognize that the Commission conducts proceedings associated with statewide policy objectives that may impact the Company during the term of the Rate Plans (*e.g.*, the Value of DER proceeding (Case 15-E-0751), the REV proceeding (Case 14-M-0101), and energy efficiency proceedings (Cases 15-M-0252 and 18-M-0084)). This Proposal does not limit the Commission's ability to require

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[40] For purposes of this Proposal, the ten basis points return on common equity will be applied on a case-by-case basis and not to the aggregate impact of changes of two or more laws, rules, etc.; provided, however, that this threshold will be applied on a Rate Year basis to the incremental aggregate impact of all contemporaneous changes (*e.g.*, changes made as a package even if they occur or are implemented over a period of months) affecting a particular subject area and not to the individual provisions of the new law, rule, etc.

the Company to implement changes or take certain actions pursuant to these or other policy proceedings during the term of the Rate Plans. The Signatory Parties reserve all of their administrative and judicial rights to take and pursue their respective positions with respect to all issues and Commission proposals and initiatives in these policy proceedings. In the event that Commission determinations in such proceedings cause the Company to incur incremental costs that are not otherwise addressed through cost-recovery mechanisms or a right to defer such costs for future recovery from customers, the Company will defer on its books of account the full change in expense as required by Section O.2.b.

b. Nothing herein will preclude any Signatory Party from (i) petitioning the Commission to extend, modify or establish programs relating to energy efficiency, demand response (including, but not limited to, direct load control) and demand management (including, but not limited to, targeted demand management), and (ii) filing for approval of programs in response to an order(s) or other issuances in the REV proceeding or otherwise designed to further the New York State Energy Plan goals and the implementation of REV objectives and principles, including, but not limited to, the Distributed System Platform and demonstration projects; provided that any such petition or filing is not contrary to the agreed upon terms and conditions set forth in this Proposal. All changes will be implemented on a revenue neutral and earnings neutral basis.

4. Financial Protections

To the extent not already provided to Staff by an affiliate, the Company will provide Staff with the five-year earnings forecast for Consolidated Edison, Inc. (“CEI”) and its business segments, which will include each business segment's major subsidiary, on an annual basis. The forecast will include the income statement, balance sheet and cash flow statements for CEI and its business segments. The Company will submit the forecast to Staff no later than 30 calendar days after it is reviewed by the Finance Committee of CEI's Board of Directors. The Company will update Staff when there are material changes to the five-year forecast.

If not already provided to Staff by an affiliate, after the completion of the Company's annual audit by its external auditors, Orange and Rockland will provide Staff with actual financial statements (*i.e.* income statement, balance sheet, cash flow statement and consolidating adjustments) for CEI and its business segments for the previous year. The Company will submit those statements to Staff no later than thirty (30) calendar days after the completion of the annual audit by its external auditors.

The five-year earnings forecast and actual financial statements will be provided to Staff by filing with the Records Access Officer pursuant to the Commission's trade secret process. The Company reserves the right to object to the use of such confidential information in other proceedings.

If at the end of any calendar year, investments in CEI's non-utility businesses exceed 15 percent of CEI's total consolidated operations as measured by revenues, assets, or cash flow, or if the ratio of holding company debt as a percentage of total consolidated debt rise above 20 percent, the Company shall notify the Commission that a trigger has occurred and submit a filing providing a ring-fencing plan to insulate the Company, or, in the alternative, demonstrating why additional ring-fencing measures are not necessary at that time.

5. Trade Secret Protection

Nothing in this Proposal prevents Orange and Rockland from seeking trade secret protection under 16 NYCRR Part 6 for all or any part(s) of any document or report filed (or submitted to Staff) in accordance with the Rate Plans or prohibits or restricts any other Signatory Party from challenging any such request.

6. Provisions Not Separable

The Signatory Parties intend this Proposal to be a complete resolution of all the issues in Cases 18-E-0067 and 18-G-0068. It is understood that each provision of this Proposal is in consideration and support of all the other provisions, and expressly conditioned upon acceptance by the Commission. Except as set forth herein, none of the Signatory Parties is deemed to have approved, agreed to or consented to any principle, methodology or interpretation of law underlying or supposed to underlie any provision herein. If the Commission fails to adopt this Proposal according to its terms, then the Signatory Parties to this Proposal will be free to pursue their respective positions in this proceeding without prejudice.

7. Provisions Not Precedent

The terms and provisions of this Proposal apply solely to, and are binding only in, the context of the purposes and results of this Proposal. None of the terms or provisions of this Proposal and none of the positions taken herein by any Signatory Party may be referred to, cited, or relied upon by any other Signatory Party in any fashion as precedent or otherwise in any other proceeding before this Commission or any other regulatory agency or before any court of law for any purpose other than furtherance of the purposes, results, and disposition of matters governed by this Proposal.

Concessions made by Signatory Parties on various electric and gas issues do not preclude those Signatory Parties from addressing such issues in future rate proceedings or in other proceedings.

8. Submission of Proposal

The Signatory Parties agree to submit this Proposal to the Commission and to individually support and request its adoption by the Commission as set forth herein. The Signatory Parties hereto believe that the Proposal will satisfy the requirements of Public Service Law §65(1) that Orange and Rockland provide safe and adequate service at just and reasonable rates.

9. Procedures in the Event of a Disagreement

In the event of any disagreement over the interpretation of this Proposal or the implementation of any of the provisions of this Proposal, which cannot be resolved informally among the Signatory Parties, such disagreement will be resolved as follows: the Signatory Parties promptly will confer and in good faith will attempt to resolve such disagreement. If any such disagreement cannot be resolved by the Signatory Parties within 15 business days from notification invoking this process, or a longer period if agreed to by the Signatory Parties, any Signatory Party may petition the Commission for a determination on the disputed matter.

10. Effect of Commission Adoption of Terms of this Proposal

No provision of this Proposal or the Commission’s adoption of the terms of this Proposal shall in any way abrogate or limit the Commission’s statutory authority under the Public Service Law. The Parties recognize that any Commission adoption of the terms of this Proposal does not waive the Commission’s ongoing rights and responsibilities to enforce its orders and effectuate the goals expressed therein, nor the rights and responsibilities of Staff to conduct investigations or take other actions in furtherance of its duties and responsibilities.

11. Further Assurances

The Signatory Parties recognize that certain provisions of this Proposal require that actions be taken in the future to fully effectuate this Proposal. Accordingly, the Signatory Parties agree to cooperate with each other in good faith in taking such actions.

12. Scope of Provisions

No term or provision of this Proposal that relates specifically to one but not both electric and gas service, limits any rights of the Company or any Signatory Party to petition the Commission for any purpose with respect to the service not specified in such term or provision.

13. Execution

This Proposal is being executed in counterpart originals, and shall be binding on each Signatory Party when the counterparts have been executed.

IN WITNESS WHEREOF, the Signatory Parties hereto have affixed their signatures below as evidence of their agreement to be bound by the provisions of this Proposal.

ORANGE AND ROCKLAND
UTILITIES, INC.

Dated: 11/9/2018

By: John L. Carley

NEW YORK STATE DEPARTMENT OF
PUBLIC SERVICE

Dated: November 9, 2018

By: Lindsey Overton Orietas
Lindsey N. Overton Orietas
Staff Counsel

NEW YORK POWER AUTHORITY

Dated: November 8, 2018

By: ______________________

Matthew E. B. Brotmann
Principal Attorney

THE UTILITY INTERVENTION UNIT,
DIVISION OF CONSUMER
PROTECTION, NEW YORK STATE
DEPARTMENT OF STATE*

Dated: 11/7/18

By: ______________________

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* The Utility Intervention Unit ("UIU") is a signatory to the Gas Rate Plan only.

PACE ENERGY AND CLIMATE
CENTER*

Dated: 11/08/2018

By: Radin a

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* For the reasons set forth in its pre-filed testimony, Pace Energy and Climate Center signs onto this Agreement except for, under Section B, the Company's cost recovery of membership dues paid to trade associations, because of insufficient evidence that these dues are directly beneficial to, and not contrary to the interests of, ratepayers, and do not impermissibly include expenses related to legislative lobbying. *See* N.Y. Pub. Serv. Law §114-a.

IN WITNESS WHEREOF, the Signatory Parties have affixed their signatures below as evidence of their agreement to be bound by the provisions of this Proposal.

ENVIRONMENTAL DEFENSE FUND*

Dated: November 8, 2018

By: ____________________
James T. B. Tripp
Senior Counsel
Environmental Defense Fund

Dated: November 8, 2018

By: ____________________
Elizabeth B. Stein
Senior Manager, NY Clean Energy Law and Policy
Environmental Defense Fund

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* Environmental Defense Fund signs onto this Agreement except for, under section I.1, the exclusion of "statutory requirements under Part 230 of the Commission's Rules and Regulations" from the BCA requirements set forth in section I.1 of this Agreement. Part 230 does not preclude such analyses, and the failure to perform them will deprive all interested parts of an opportunity to gain valuable information about the comparative economic and greenhouse gas benefits and costs associated such projects and alternatives (including without limitation beneficial electrification). As we will describe further in our statement in support of the Joint Proposal, this missed opportunity has ramifications for achieving greenhouse gas reduction goals as well as for stranded cost risk.

Cases 18-E-0067 & 18-G-0068

GREAT EASTERN ENERGY, LLC

Dated: 11/9/2018

By: Michael A. Bauer

NEW YORK GEOTHERMAL ENERGY
ORGANIZATION

Dated: __2018 11 07________

By: Bill Nowak

BOB WYMAN

Dated: 8-Nov-2018 By: ______________________

PUBLIC UTILITY LAW PROJECT OF
NEW YORK, INC.

Dated: 11/9/2018

By: ______________________

*The Public Utility Law Project of New York ("PULP") is a signatory in entirety to the Gas Rate Plan only; specifically supports sections J and K of the Electric Rate Plan and will not specifically oppose the remaining sections of the Electric Rate Plan.

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067
Electric Revenue Requirement
For The Twelve Months Ending December 31, 2019
$ 000's

Operating revenues	Rate Year 1 Forecast	Rate Change	Rate Year 1 With Rate Change
Sales & deliveries to public	$ 451,367	$ 13,382	$ 464,749
Sales for resale	18,671		18,671
Other operating revenues	11,773	78	11,851
Total operating revenues	481,811	13,460	495,271
Operating expenses			
Purchased power	126,930		126,930
Purchased power-base rate	1,389		1,389
Operations & maintenance expense	188,475	56	188,531
Depreciation	52,441		52,441
Regulatory amortization	1,540		1,540
Taxes other than income taxes	52,677	219	52,896
Total operating expenses	423,452	275	423,727
Operating income before income taxes	58,359	13,185	71,544
New York State income taxes	2,178	857	3,035
Federal income taxes	4,711	2,589	7,300
Utility operating income	$ 51,470	$ 9,739	$ 61,209
Rate Base	$ 877,793		$ 877,793
Rate of Return	5.86%		6.97%

ORANGE AND ROCKLAND UTILITIES, INC.
Case 18-E-0067
Electric Revenue Requirement
For The Twelve Months Ending December 31, 2019 and December 31, 2020
$ 000's

Operating revenues	Rate Year 1 With Rate Change	Rate Year 2 Revenue/Expense Rate Base Changes	Rate Change	Rate Year 2 With Rate Change
Sales & deliveries to public	$ 464,749	$ 3,202	$ 7,988	$ 475,939
Sales for resale	18,671	1,680		20,351
Other operating revenues	11,851	39	46	11,936
Total operating revenues	495,271	4,921	8,034	508,226
Operating expenses				
Purchased power	126,930	2,977		129,907
Purchased power-base rate	1,389	18		1,407
Operations & maintenance expense	188,531	2,748	34	191,313
Depreciation	52,441	2,838		55,279
Regulatory amortization	1,540	-		1,540
Taxes other than income taxes	52,896	1,851	131	54,878
Total operating expenses	423,727	10,432	165	434,324
Operating income before income taxes	71,544	(5,511)	7,869	73,902
New York State income taxes	3,035	(425)	511	3,121
Federal income taxes	7,300	(1,152)	1,545	7,693
Utility operating income	$ 61,209	$ (3,934)	$ 5,813	$ 63,088
Rate Base	$ 877,793	$ 28,603		$ 906,396
Rate of Return	6.97%			6.96%

ORANGE AND ROCKLAND UTILITIES, INC.
Case 18-E-0067
Electric Revenue Requirement
For The Twelve Months Ending December 31, 2020 and December 31, 2021
$ 000's

Operating revenues	Rate Year 2 With Rate Change	Rate Year 3 Revenue/Expense Rate Base Changes	Rate Change	Rate Year 3 With Rate Change
Sales & deliveries to public	$ 475,939	$ (998)	$ 5,784	$ 480,725
Sales for resale	20,351	793		21,144
Other operating revenues	11,936	12	33	11,981
Total operating revenues	508,226	(193)	5,817	513,850
Operating expenses				
Purchased power	129,907	709		130,616
Purchased power-base rate	1,407	7		1,414
Operations & maintenance expense	191,313	(1,821)	23	189,515
Depreciation	55,279	1,191		56,470
Regulatory amortization	1,540	-		1,540
Taxes other than income taxes	54,878	1,810	93	56,781
Total operating expenses	434,324	1,896	116	436,336
Operating income before income taxes	73,902	(2,089)	5,701	77,514
New York State income taxes	3,121	(228)	369	3,262
Federal income taxes	7,693	(577)	1,119	8,235
Utility operating income	$ 63,088	$ (1,284)	$ 4,213	$ 66,017
Rate Base	$ 906,396	$ 41,592		$ 947,988
Rate of Return	6.96%			6.96%

ORANGE AND ROCKLAND UTILITIES, INC.
Case 18-E-0067
Electric Other Operating Revenues
For The Twelve Months Ending December 31, 2019, December 31, 2020, and December 31, 2021
$ 000's

	Rate Year 1	Rate Year 2 Changes	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Miscellaneous Service & Other Revenues					
AMI/AMR Meter Reading/Change Out Fees	$ 23	$ 3	$ 26		$ 26
Customer Reconnect Fees	144		144		144
Late Payment Charges	2,682	64	2,746	27	2,773
Pike Corning ESA	30		30		30
POR Discount	1,012		1,012		1,012
Shared Meter Assessment	(14)		(14)		(14)
Agency Checks Dishonored	4		4		4
Acceller Inc.	186		186		186
Bad Check Charge	55		55		55
Collection Charges	74		74		74
NYSERDA	3		3		3
Solar Application Fee	68		68		68
Other	9		9		9
Total Miscellaneous Service & Other Revenues	4,276	67	4,343	27	4,370
Rents					
Joint Operating Rents	5,502		5,502		5,502
Pole Attachment and Parity Billings	1,829	18	1,847	18	1,865
Other Rents	244		244		244
Total Rents	7,575	18	7,593	18	7,611
Total Other Operating Revenue	$ 11,851	$ 85	$ 11,936	$ 45	$ 11,981

ORANGE AND ROCKLAND UTILITIES, INC.
Case 18-E-0067
Electric Operations & Maintenance Expenses
For The Twelve Months Ending December 31, 2019, December 31, 2020, and December 31, 2021
$ 000's

	Rate Year 1	Rate Year 2 Changes	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Fuel and Purchased Power	$ 127,988	$ 2,988	$ 130,976	$ 709	$ 131,685
A & G Health Insurance and Capital Overhead	(566)	(12)	(578)	(11)	(589)
Bond Administration & Bank Fees	524	11	535	11	546
Carbon Reduction Programs	500	-	500	-	500
Company Labor	59,010	1,344	60,354	1,091	61,445
Customer Billing Postage	1,232	26	1,258	27	1,285
Employee Welfare Expense	9,556	324	9,880	340	10,220
Energy Efficiency	7,100	1,000	8,100	1,800	9,900
Facilities	629	14	643	13	656
Information Technology	4,479	302	4,781	307	5,088
Informational Advertising	354	7	361	8	369
Injuries & Damages/ Workers Compensation	775	5	780	4	784
Institutional Dues & Subscription	141	2	143	4	147
Insurance Premium	572	12	584	13	597
Intercompany Shared Services	9,823	206	10,029	211	10,240
Legal and Other Professional Services	861	18	879	19	898
Load Dispatching	331	7	338	7	345
MGP/Superfund	5,109	-	5,109	91	5,200
Ops - Corporate & Shared Services	6,060	130	6,190	127	6,317
Ops - Customer Operations	4,940	393	5,333	161	5,494
Ops - Electric Operations	19,272	405	19,677	413	20,090
Ops - Engineering	1,677	35	1,712	36	1,748
Ops - Substation Operations	2,188	46	2,234	47	2,281
Other Compensation	238	(13)	225	(4)	221
Pension and OPEB Costs	17,639	(2,059)	15,580	(6,333)	9,247
RCA - Amort. of Monsey	706	487	1,193	481	1,674
RCA - Amort. of REV Demo	668	234	902	36	938
RCA - Amort. of Pomona DER Program	905	79	984	37	1,021
Regulatory Commission Expense - General and R&D	2,001	42	2,043	43	2,086
Renewable Portfolio Charges	6,304	(19)	6,285	(160)	6,125
Rent	1,782	38	1,820	38	1,858
Research & Development	552	12	564	12	576
Storm Allowance	5,874	124	5,998	126	6,124
System Benefit Charge	15,379	(47)	15,332	(391)	14,941
Uncollectible Reserve - Customer	2,006	46	2,052	20	2,072
Uncollectible Reserve - Sundry	677	-	677	-	677
Worker's Comp NYS Assessment	182	4	186	4	190
Other O&M	(29)	-	(29)	-	(29)
Company Labor - Fringe Benefit Adjustment	261	11	272	6	278
BCO Savings	(850)	(425)	(1,275)	(425)	(1,700)
Total O&M Expenses	$ 316,850	$ 5,777	$ 322,627	$ (1,082)	$ 321,545

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067
Electric Taxes Other Than Income Taxes
For The Twelve Months Ending December 31, 2019, December 31, 2020, and December 31, 2021
$ 000's

	Rate Year 1	Rate Year 2 Changes	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Property Taxes					
State, County & Town	$ 12,570	$ 502	$ 13,072	$ 523	$ 13,595
Village	1,772	71	1,843	74	1,917
School	26,677	1,067	27,744	1,110	28,854
Total Property Taxes	41,019	1,640	42,659	1,707	44,366
Payroll Taxes	4,199	129	4,328	104	4,432
Revenue Taxes	7,597	211	7,808	90	7,898
Other Taxes					
Sale & Use Tax	53	1	54	1	55
Other Taxes	28	1	29	1	30
Total Other Taxes	81	2	83	2	85
				-	
Total Taxes Other Than Income Taxes	$ 52,896	$ 1,982	$ 54,878	$ 1,903	$ 56,781

ORANGE AND ROCKLAND UTILITIES, INC.
Case 18-E-0067
Electric New York State Income Taxes
For The Twelve Months Ending December 31, 2019, December 31, 2020, and December 31, 2021
$ 000's

	Rate Year 1	Rate Year 2 Changes	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Operating Income Before Income Taxes	$ 71,544	$ 2,358	$ 73,902	$ 3,612	$ 77,514
Interest Expense	(24,876)	(1,018)	(25,894)	(1,440)	(27,334)
Book Income Before State Income Taxes	46,668	1,340	48,008	2,172	50,180
Tax Computation					
Current State Income Taxes	(287)	(725)	(1,012)	1,071	59
Deferred State Income Taxes	3,322	811	4,133	(930)	3,203
NYS Income Tax Expense	$ 3,035	$ 86	$ 3,121	$ 141	$ 3,262

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067
Electric Federal Income Taxes
For The Twelve Months Ending December 31, 2019, December 31, 2020, and December 31, 2021
$ 000's

	Rate Year 1	Rate Year 2 Changes	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Operating Income Before Income Taxes	$ 71,544	$ 2,358	$ 73,902	$ 3,612	$ 77,514
Interest Expense	(24,876)	(1,018)	(25,894)	(1,440)	(27,334)
Book Income Before Income Taxes	46,668	1,340	48,008	2,172	50,180
Tax Computation					
Current Federal Income Taxes	4,250	(2,903)	1,347	2,591	3,938
Deferred Federal Income Taxes	5,955	3,319	9,274	(2,039)	7,235
Excess Deferred Federal Income Tax - Property	(3,554)	(23)	(3,577)	(10)	(3,587)
Excess Deferred Federal Income Tax - Non-Property	743	-	743	-	743
R&D Tax Credit	(94)	-	(94)	-	(94)
Federal Income Tax Expense	$ 7,300	$ 393	$ 7,693	$ 542	$ 8,235

Orange and Rockland Utilities, Inc.
Rate Case 18-E-0067
Average Electric Rate Base
For Twelve Months Ending December 31, 2019 and December 31, 2020
($000's)

	Rate Year 1	Rate Year 2 Changes	Rate Year 2
Utility Plant			
Electric Plant In Service	$ 1,411,365	$ 66,337	$ 1,477,702
Electric Plant Held For Future Use	9,003	-	9,003
Common Utility Plant (Electric Allocation)	198,965	11,244	210,209
Total	1,619,333	77,581	1,696,914
Utility Plant Reserves:			
Accumulated Reserve for Depreciation - Plant in Service	(469,801)	(30,698)	(500,499)
Accumulated Reserve for Depreciation - Common Plant (Electric Allocation)	(93,823)	(11,760)	(105,583)
Total	(563,624)	(42,458)	(606,082)
Net Plant	1,055,709	35,123	1,090,832
Non-Interest Bearing CWIP	14,606	(1,055)	13,551
Working Capital - Materials/Supplies, Prepayment and Cash Working Capital	56,696	1,313	58,009
Unamortized Premium & Discount	5,863	327	6,190
Customer Advance Construction	(3,519)	-	(3,519)
Net Deferrals / Credits from Reconciliation Mechanisms	61,615	1,195	62,810
Accumulated Deferred Income Taxes			
Accumulated Deferred Federal Income Taxes	(205,562)	(4,559)	(210,121)
Accumulated Deferred State Income Taxes	(33,771)	(3,741)	(37,512)
Total	(239,333)	(8,300)	(247,633)
Average Rate Base	951,637	28,603	980,240
Earnings Base Capitalization Adjustment to Rate Base	(73,844)	-	(73,844)
Total Average Rate Base	$ 877,793	$ 28,603	$ 906,396

Orange and Rockland Utilities, Inc.
Rate Case 18-E-0067
Average Electric Rate Base
For Twelve Months Ending December 31, 2020 and December 31, 2021
($000's)

	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Utility Plant			
Electric Plant In Service	$ 1,477,702	$ 88,980	$ 1,566,682
Electric Plant Held For Future Use	9,003	-	9,003
Common Utility Plant (Electric Allocation)	210,209	11,313	221,522
Total	1,696,914	100,293	1,797,207
Utility Plant Reserves:			-
Accumulated Reserve for Depreciation - Plant in Service	(500,499)	(35,923)	(536,422)
Accumulated Reserve for Depreciation - Common Plant (Electric Allocation)	(105,583)	(11,366)	(116,949)
Total	(606,082)	(47,289)	(653,371)
Net Plant	1,090,832	53,004	1,143,836
Non-Interest Bearing CWIP	13,551	(1,044)	12,507
Working Capital - Materials/Supplies, Prepayment and Cash Working Capital	58,009	683	58,692
Unamortized Premium & Discount	6,190	104	6,294
Customer Advance Construction	(3,519)	-	(3,519)
Net Deferrals / Credits from Reconciliation Mechanisms	62,810	(2,088)	60,722
Accumulated Deferred Income Taxes			-
Accumulated Deferred Federal Income Taxes	(210,121)	(5,385)	(215,506)
Accumulated Deferred State Income Taxes	(37,512)	(3,682)	(41,194)
Total	(247,633)	(9,067)	(256,700)
Average Rate Base	980,240	41,592	1,021,832
Earnings Base Capitalization Adjustment to Rate Base	(73,844)	-	(73,844)
Total Average Rate Base	$ 906,396	$ 41,592	$ 947,988

Orange and Rockland Utilities, Inc.
Case 18-E-0067
Average Capital Structure & Cost of Money
For the Twelve Months Ending December 31, 2019, December 31, 2020 and December 31, 2021

RY 1

	Capital Structure %	Cost Rate %	Cost of Capital %	Pre Tax Cost %
Long term debt	51.15%	5.17%	2.64%	2.64%
Customer deposits	0.85%	1.05%	0.01%	0.01%
Subtotal	52.00%		2.65%	2.65%
Common Equity	48.00%	9.00%	4.32%	5.85%
Total	100.00%		6.97%	8.50%

RY 2

	Capital Structure %	Cost Rate %	Cost of Capital %	Pre Tax Cost %
Long term debt	51.24%	5.14%	2.63%	2.63%
Customer deposits	0.76%	1.05%	0.01%	0.01%
Subtotal	52.00%		2.64%	2.64%
Common Equity	48.00%	9.00%	4.32%	5.85%
Total	100.00%		6.96%	8.49%

RY 3

	Capital Structure %	Cost Rate %	Cost of Capital %	Pre Tax Cost %
Long term debt	51.28%	5.14%	2.63%	2.63%
Customer deposits	0.72%	1.05%	0.01%	0.01%
Subtotal	52.00%		2.64%	2.64%
Common Equity	48.00%	9.00%	4.32%	5.85%
Total	100.00%		6.96%	8.49%

Orange and Rockland Utilities, Inc.

Case 18-E-0067
Calculation of Phased Rate Increase
For the Twelve Months Ending December 31, 2019, December 31, 2020 and December 31, 2021
$ 000's

Rate Increase	Twelve Months Ending December 31, 2019	2020	2021	Cumulative Total
RY - 1	$ 13,382	$ 13,382	$ 13,382	$ 40,146
RY - 2		7,988	7,988	15,976
RY - 3			5,784	5,784
Total	$ 13,382	$ 21,370	$ 27,154	$ 61,906
Phased rate increase without interest				
RY - 1	$ 8,577	$ 8,577	$ 8,577	$ 25,732
RY - 2		12,020	12,020	24,040
RY - 3			12,134	12,134
Total	$ 8,577	$ 20,597	$ 32,731	$ 61,906
Variation	**$ 4,805**	**$ 773**	**$ (5,578)**	**$ -**
Interest at 2.80%	$ 50	$ 107	$ 58	$ 215
Phased rate increase with interest				
RY - 1	$ 8,613	$ 8,613	$ 8,613	$ 25,839
RY - 2		12,056	12,056	24,112
RY - 3			12,170	12,170
Total	$ 8,613	$ 20,669	$ 32,839	$ 62,121

Orange and Rockland Utilites, Inc.

Case 18-G-0068
Gas Revenue Requirement
For The Twelve Months Ending December 31, 2019
$ 000's

Operating revenues	Rate Year 1 Forecast	Rate Change	Rate Year 1 With Rate Change
Sales revenues	$ 228,910	$ (7,520)	$ 221,390
Other operating revenues	2,590	(27)	2,563
Total operating revenues	231,500	(7,547)	223,953
Operating expenses			
Purchased gas costs	61,661	-	61,661
Operations & maintenance expenses	71,603	(32)	71,571
Depreciation	24,357	-	24,357
Regulatory amortizations	(1,775)	-	(1,775)
Taxes other than income taxes	30,695	(138)	30,557
Total operating expenses	186,541	(170)	186,371
Operating income before income taxes	44,959	(7,377)	37,582
New York State income taxes	2,070	(479)	1,591
Federal income taxes	5,781	(1,448)	4,333
Utility operating income	$ 37,108	$ (5,450)	$ 31,658
Rate Base	$ 454,013		$ 454,013
Rate of Return	8.17%		6.97%

Orange and Rockland Utilites, Inc.
Case 18-G-0068
Gas Revenue Requirement
For The Twelve Months Ending December 31, 2019 and December 31, 2020
$ 000's

Operating revenues	Rate Year 1 With Rate Change	Rate Year 2 Revenue/Expense Rate Base Changes	Rate Change	Rate Year 2 With Rate Change
Sales revenues	$ 221,390	$ 12,887	$ 3,556	$ 237,833
Other operating revenues	2,563	49	13	2,625
Total operating revenues	223,953	12,936	3,569	240,458
Operating expenses				
Purchased gas costs	61,661	12,190	-	73,851
Operations & maintenance expenses	71,571	57	15	71,643
Depreciation	24,357	1,114	-	25,471
Regulatory amortizations	(1,775)	-		(1,775)
Taxes other than income taxes	30,557	1,322	65	31,944
Total operating expenses	186,371	14,683	80	201,134
Operating income before income taxes	37,582	(1,747)	3,489	39,324
New York State income taxes	1,591	(157)	227	1,661
Federal income taxes	4,333	(523)	685	4,495
Utility operating income	$ 31,658	$ (1,068)	$ 2,577	$ 33,168
Rate Base	$ 454,013	$ 22,404		$ 476,418
Rate of Return	6.97%			6.96%

Orange and Rockland Utilites, Inc.

Case 18-G-0068

Gas Revenue Requirement

For The Twelve Months Ending December 31, 2020 and December 31, 2021

$ 000's

	Rate Year 2 With Rate Change	Rate Year 3 Revenue/Expense Rate Base Changes	Rate Change	Rate Year 3 With Rate Change
Operating revenues				
Sales revenues	$ 237,833	$ 8,254	$ 714	$ 246,801
Other operating revenues	2,625	30	3	2,658
Total operating revenues	240,458	8,284	717	249,459
Operating expenses				
Purchased gas costs	73,851	7,351	-	81,202
Operations & maintenance expenses	71,643	(1,861)	3	69,785
Depreciation	25,471	512	-	25,983
Regulatory Amortizations	(1,775)	-	-	(1,775)
Taxes other than income taxes	31,944	1,231	13	33,188
Total operating expenses	201,134	7,233	16	208,382
Operating income before income taxes	39,324	1,052	701	41,077
New York State income taxes	1,661	18	46	1,725
Federal income taxes	4,495	68	138	4,701
Utility operating income	$ 33,168	$ 966	$ 518	$ 34,651
Rate Base	$ 476,418	$ 21,159		$ 497,577
Rate of Return	6.96%			6.96%

ORANGE AND ROCKLAND UTILITIES, INC.
Case 18-G-0068
Gas Other Operating Revenues
For The Twelve Months Ending December 31, 2019, December 31, 2020, and December 31, 2021
$ 000's

	Rate Year 1	Rate Year 2 Changes	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Miscellaneous Service & Other Revenues					
AMR/AMI Meter Reading and Change out Fee	$ 8	$ 1	$ 9	$ -	$ 9
Customer Reconnect Fees	13	-	13	-	13
Late Payment Charge Revenues	808	61	869	33	902
Pike Corning ESA	30	-	30	-	30
POR Discount	1,136	-	1,136	-	1,136
Shared Meter Assessment	(7)	-	(7)	-	(7)
Access Fines	162	-	162	-	162
R&D Ventures	2	-	2	-	2
Total Miscellaneous Service & Other Revenues	2,153	62	2,215	33	2,248
Joint Operating Rents	409	-	409	-	409
Total Other Operating Revenues	$ 2,563	$ 62	$ 2,625	$ 33	$ 2,658

ORANGE AND ROCKLAND UTILITIES, INC.
Case 18-G-0068
Gas Operations & Maintenance Expenses
For The Twelve Months Ending December 31, 2019, December 31, 2020, and December 31, 2021
$ 000's

	Rate Year 1	Rate Year 2 Changes	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Fuel & Purchased Gas Costs	$ 61,661	$ 12,190	$ 73,851	$ 7,351	$ 81,202
A&G Health Insurance and Capital Overhead	(281)	(6)	(287)	(5)	(292)
Bond Administration & Bank Fees	100	2	102	2	105
Company Labor	29,532	653	30,184	546	30,731
Customer Billing Postage	610	13	623	13	636
Employee Welfare Expense	3,994	134	4,128	140	4,268
Energy Efficiency	703	-	703	-	703
Facilities	257	5	262	6	268
Information Technology	2,161	146	2,308	150	2,457
Informational Advertising	142	3	145	3	148
Injuries & Damages/ Workers Compensation	310	1	312	1	313
Institutional Dues & Subscription	152	3	155	3	158
Insurance Premium	283	6	289	6	295
Intercompany Shared Services	4,854	102	4,956	104	5,060
Legal and Other Professional Services	426	9	434	9	444
MGP/Superfund	2,525	-	2,525	-	2,525
Ops - Corporate & Shared Services	1,651	36	1,686	34	1,721
Ops - Customer Operations	2,060	163	2,222	68	2,290
Ops - Gas Operations	8,599	311	8,910	318	9,228
Ops - Engineering	2,254	50	2,304	51	2,355
Ops - Substation Operations	3	0	3	0	4
Other Compensation	118	(7)	111	(2)	109
Pensions and OPEBs	8,692	(1,018)	7,674	(3,130)	4,544
Regulatory Commission Expenses	936	20	955	20	976
Rent	32	1	32	1	33
Research and Development	12	0	12	0	12
System Benefit Charge	465	(428)	37	(37)	0
Uncollectible Reserves	1,264	70	1,334	38	1,372
Worker's Comp NYS Assessment	75	2	77	2	79
Other O&M	(42)	-	(42)	-	(42)
Company Labor - Fringe Benefit Adjustment	84	2	86	1	87
BCO Savings	(400)	(200)	(600)	(200)	(800)
Total O & M Expenses	$ 133,232	$ 12,262	$ 145,494	$ 5,494	$ 150,988

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068
Gas Taxes Other Than Income Taxes
For The Twelve Months Ending December 31, 2019, December 31, 2020, and December 31, 2021
$ 000's

	Rate Year 1	Rate Year 2 Changes	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Property Taxes:					
State, County & Town	$ 7,465	$ 299	$ 7,764	$ 311	$ 8,074
Village	1,191	48	1,239	50	1,289
School	15,905	636	16,541	662	17,202
Total Property Taxes	24,561	982	25,544	1,022	26,565
Payroll Taxes	1,879	62	1,941	52	1,993
Revenue Taxes	4,055	342	4,397	168	4,565
Other Taxes					
Sale & Use Tax	22	-	22	-	22
Other Taxes	40	1	41	1	42
Total Other Taxes	62	1	63	1	64
Total Taxes Other Than Income Taxes	$ 30,557	$ 1,387	$ 31,944	$ 1,244	$ 33,188

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068
Gas New York State Income Taxes
For The Twelve Months Ending December 31, 2019, December 31, 2020, and December 31, 2021
$ 000's

	Rate Year 1	Rate Year 2 Changes	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Operating Income Before Income Taxes	$ 37,582	$ 1,742	$ 39,324	$ 1,752	$ 41,077
Interest Expense	(12,162)	(671)	(12,834)	(782)	(13,616)
Book Income Before Income Taxes	25,420	1,071	26,490	971	27,461
Current State Income Taxes	208	192	400	301	701
Deferred State Income Taxes	1,383	(123)	1,260	(238)	1,023
NYS Income Tax Expense	$ 1,591	$ 70	$ 1,660	$ 63	$ 1,724

ORANGE AND ROCKLAND UTILITIES, INC.
Case 18-G-0068
Gas Federal Income Taxes
For The Twelve Months Ending December 31, 2019, December 31, 2020, and December 31, 2021
$ 000's

	Rate Year 1	Rate Year 2 Changes	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Operating Income Before Income Taxes	$ 37,582	$ 1,742	$ 39,324	$ 1,752	$ 41,077
Interest Expense	(12,162)	(671)	(12,834)	(782)	(13,616)
Book Income Before Income Taxes	25,420	1,071	26,490	971	27,461
Tax Computation					
Current Federal Income Taxes	3,581	324	3,905	669	4,574
Deferred Federal Income Taxes	2,167	(81)	2,086	(408)	1,678
Excess Deferred Federal Income Tax - Property	(1,586)	(80)	(1,666)	(55)	(1,721)
Excess Deferred Federal Income Tax - Non-Property	217	-	217	-	217
R&D Tax Credit	(47)	-	(47)	-	(47)
Federal Income Tax Expense	$ 4,332	$ 163	$ 4,495	$ 206	$ 4,701

Orange and Rockland Utilities, Inc.
Case 18-G-0068
Average Gas Rate Base
For Twelve Months Ending December 31, 2019 and December 31, 2020
($000's)

	Rate Year 1	Rate Year 2 Changes	Rate Year 2
Utility Plant			
Gas Plant In Service	$ 827,311	$ 41,073	$ 868,384
Gas Plant Held For Future Use	-	-	-
Common Utility Plant (Gas Allocation)	84,045	4,638	88,683
Total	911,356	45,711	957,067
Utility Plant Reserves:			
Accumulated Reserve for Depreciation - Plant in Service	(262,231)	(18,487)	(280,718)
Accumulated Reserve for Depreciation - Common Plant (Gas Allocation)	(36,270)	(4,838)	(41,108)
Total	(298,501)	(23,325)	(321,826)
Net Plant	612,855	22,386	635,241
Non-Interest Bearing CWIP	4,915	229	5,144
Working Capital - Materials/Supplies, Prepayment and Cash Working Capital	23,832	533	24,365
Unamortized Premium & Discount	2,897	161	3,058
Customer Advance Construction	(1,913)	-	(1,913)
Net Deferrals / Credits from Reconciliation Mechanisms	15,728	1,033	16,761
Accumulated Deferred Income Taxes			
Accumulated Deferred Federal Income Taxes	(142,194)	(611)	(142,805)
Accumulated Deferred State Income Taxes	(19,057)	(1,326)	(20,383)
Total	(161,251)	(1,937)	(163,188)
Average Rate Base	497,063	22,405	519,468
Earnings Base Capitalization Adjustment to Rate Base	(43,050)	-	(43,050)
Total Average Rate Base	$ 454,013	$ 22,405	$ 476,418

Orange and Rockland Utilities, Inc.
Case 18-G-0068
Average Gas Rate Base
For Twelve Months Ending December 31, 2020 and December 31, 2021
($000's)

	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Utility Plant			
Gas Plant In Service	$ 868,384	$ 40,170	$ 908,554
Gas Plant Held For Future Use	-	-	-
Common Utility Plant (Gas Allocation)	88,683	4,827	93,510
Total	957,067	44,997	1,002,064
Utility Plant Reserves:			
Accumulated Reserve for Depreciation - Plant in Service	(280,718)	(19,077)	(299,795)
Accumulated Reserve for Depreciation - Common Plant (Gas Allocation)	(41,108)	(4,629)	(45,737)
Total	(321,826)	(23,706)	(345,532)
Net Plant	635,241	21,291	656,532
Non-Interest Bearing CWIP	5,144	(3)	5,141
Working Capital - Materials/Supplies, Prepayment and Cash Working Capital	24,365	266	24,631
Unamortized Premium & Discount	3,058	52	3,110
Customer Advance Construction	(1,913)	-	(1,913)
Net Deferrals / Credits from Reconciliation Mechanisms	16,761	1,026	17,787
Accumulated Deferred Income Taxes			
Accumulated Deferred Federal Income Taxes	(142,805)	(325)	(143,130)
Accumulated Deferred State Income Taxes	(20,383)	(1,148)	(21,531)
Total	(163,188)	(1,473)	(164,661)
Average Rate Base	519,468	21,159	540,627
Earnings Base Capitalization Adjustment to Rate Base	(43,050)	-	(43,050)
Total Average Rate Base	$ 476,418	$ 21,159	$ 497,577

Orange and Rockland Utilities, Inc.

Case 18-G-0068

Average Capital Structure & Cost of Money

For the Twelve Months Ending December 31, 2019, December 31, 2020 and December 31, 2021

RY 1

	Capital Structure %	Cost Rate %	Cost of Capital %	Pre Tax Cost %
Long term debt	51.15%	5.17%	2.64%	2.64%
Customer deposits	0.85%	1.05%	0.01%	0.01%
Subtotal	52.00%		2.65%	2.65%
Common Equity	48.00%	9.00%	4.32%	5.85%
Total	100.00%		6.97%	8.50%

RY 2

	Capital Structure %	Cost Rate %	Cost of Capital %	Pre Tax Cost %
Long term debt	51.24%	5.14%	2.63%	2.63%
Customer deposits	0.76%	1.05%	0.01%	0.01%
Subtotal	52.00%		2.64%	2.64%
Common Equity	48.00%	9.00%	4.32%	5.85%
Total	100.00%		6.96%	8.49%

RY 3

	Capital Structure %	Cost Rate %	Cost of Capital %	Pre Tax Cost %
Long term debt	51.28%	5.14%	2.63%	2.63%
Customer deposits	0.72%	1.05%	0.01%	0.01%
Subtotal	52.00%		2.64%	2.64%
Common Equity	48.00%	9.00%	4.32%	5.85%
Total	100.00%		6.96%	8.49%

Orange and Rockland Utilities, Inc.
Case 18-G-0068
Calculation of Phased Rate Increase/(Decrease)
For the Twelve Months Ending December 31, 2019, December 31, 2020 and December 31, 2021
$ 000's

	Twelve Months Ending December 31,			Cumulative Total
Rate Increase/(Decrease)	2019	2020	2021	
RY - 1	$ (7,520)	$ (7,520)	$ (7,520)	$ (22,560)
RY - 2		3,556	3,556	7,112
RY - 3			714	714
Total	$ (7,520)	$ (3,964)	$ (3,250)	$ (14,734)
Phased rate increase/(decrease) without interest				
RY - 1	$ (5,911)	$ (5,911)	$ (5,911)	$ (17,733)
RY - 2		1,000	1,000	2,000
RY - 3			999	999
Total	$ (5,911)	$ (4,911)	$ (3,912)	$ (14,734)
Variation	**$ (1,609)**	**$ 947**	**$ 662**	**$ -**
Interest at 2.80%	$ (17)	$ (24)	$ (7)	$ (47)
Phased rate increase/(decrease) with interest				
RY - 1	$ (5,919)	$ (5,919)	$ (5,919)	$ (17,756)
RY - 2		992	992	1,984
RY - 3			991	991
Total	$ (5,919)	$ (4,927)	$ (3,936)	$ (14,781)

Orange and Rockland Utilities, Inc.
Case 18-E-0067
Amortization of Electric Regulatory Deferrals (Credits & Debits)
$ 000's

	Twelve Months Ending December 31,			
Electric	2019	2020	2021	Total
Regulatory Assets (Debits)				
Storm Deferral *	$10,225	$10,225	$10,225	$30,675
Low Income	2,311	2,311	2,311	6,933
MGP Sites **	2,054	2,054	2,054	6,162
Property Taxes	1,528	1,528	1,528	4,584
OPEB	754	754	754	2,262
Rate Case Costs	581	581	581	1,743
Rate Case Incentives	377	377	377	1,131
Plant Reconciliation - 14-E-0493	174	174	174	522
NYSIT Rate Change	153	153	153	459
Environmental Carrying Charge	101	101	101	303
Other Environmental Sites **	70	70	70	210
Interest on Pollution Control Debt	32	32	32	96
Stray Voltage Savings	26	26	26	78
NorthStar Management Audit Fees	24	24	24	72
Property Tax Refunds	9	9	9	27
Competitive Unbundling - Customer Information	5	5	5	15
Interest Repair Allowance / Bonus Depreciation	3	3	3	9
Conservation Cost	1	1	1	3
Medicare Part D	1	1	1	3
Total Regulatory Assets (a)	$ 18,429	$ 18,429	$ 18,429	$ 55,287
Regulatory Liabilities (Credits)				
Excess FIT - 2018	$4,779	$4,779	$4,779	$14,337
Pension	2,812	2,812	2,812	8,436
Deferred Tax Liabilities Carrying Charge	2,606	2,606	2,606	7,818
Energy Efficiency Unspent Funds	2,340	2,340	2,340	7,020
Customer Portfolio Shared Earnings	1,864	1,864	1,864	5,592
Tree Trimming	575	575	575	1,725
Plant Reconciliation	556	556	556	1,668
CAIDI Safety Deferral	417	417	417	1,251
Workers Compensation Asbestos	320	320	320	960
Reactive Power	192	192	192	576
R&D	186	186	186	558
18A Assessment	77	77	77	231
Non Officer Management Variable Pay	73	73	73	219
Sale of Warwick	49	49	49	147
Interest on Storm Reserve	42	42	42	126
Smart Grid	1	1	1	3
Total Regulatory Liabilities (b)	$ 16,889	$ 16,889	$ 16,889	$ 50,667
Net Debits (a - b)	$ 1,540	$ 1,540	$ 1,540	$ 4,620
Regulatory Assets to be amortized in O&M				
Monsey NWA Program ***	$705.700	$1,192.900	$1,674.000	$3,572.600
Pomona DER ***	905.207	984.507	1,021.807	2,911.522
Rev Demo Projects ***	667.721	901.751	937.655	2,507.126

* Based on a 6-year amortization period
** Based on a 5-year amortization period
*** Based on a 10-year amortization period.

Appendix 3
Page 2 of 2

Orange and Rockland Utilities, Inc.
Case 18-G-0068
Amortization of Gas Regulatory Deferrals (Credits & Debits)
$ 000's

	Twelve Months Ending December 31,			
Gas	2019	2020	2021	Total
Regulatory Assets (Debits)				
Property Taxes	$3,452	$3,452	$3,452	$10,356
Low Income	523	523	523	1,569
Rate Case Costs	419	419	419	1,257
OPEB	270	270	270	810
Rate Case Incentives	247	247	247	741
Interest on Pollution Control Debt	171	171	171	513
NYSIT Rate Change	119	119	119	357
Other Environmental Sites *	87	87	87	261
NorthStar Management Audit Fees	12	12	12	36
Environmental Carrying Charge	6	6	6	18
Pension	3	3	3	9
Customer Outreach Program	3	3	3	9
Total Regulatory Assets (a)	$ 5,312	$ 5,312	$ 5,312	$ 15,936
Regulatory Liabilities (Credits)				
Excess FIT - 2018	$2,722	$2,722	$2,722	$8,166
Deferred Tax Liabilities Carrying Charge	1,657	1,657	1,657	4,971
Customer Portfolio Shared Earnings	1,304	1,304	1,304	3,912
Pension Phase-in	579	579	579	1,737
MGP Sites *	240	240	240	720
Tax on Health Insurance Plans	168	168	168	504
Interest Repair Allowance / Bonus Depreciation	91	91	91	273
Medicare Part D	76	76	76	228
18A Assessment	73	73	73	219
R&D	66	66	66	198
Property Tax Refunds	49	49	49	147
Non Officer Management Variable Pay	30	30	30	90
Plant Reconciliation	30	30	30	90
Gas Economic Development Enhancement Pilot Program	1	1	1	3
Case 05-G-1594 interest on revenue deferral	1	1	1	3
Total Regulatory Liabilities (b)	$ 7,087	$ 7,087	$ 7,087	$ 21,261
Net Credits (a - b)	$ (1,775)	$ (1,775)	$ (1,775)	$ (5,325)

* Based on a 5-year amortization period

Orange and Rockland Utilities, Inc.
Case 18-E-0067
Forecast of Sales Volume (MWh)
Rate Year 1

	SC 01	SC 19	SC 02 s	SC 20	SC 02 p	SC 03	SC 09	SC 21	SC 22	SC 25	SC 04	SC 05	SC 06	SC 16	PA	Total O&R
Jan-19	138,615	6,059	77,813	7,146	4,357	26,428	37,555	2,895	24,852	154	995	230	630	1,569	7,216	336,514
Feb-19	122,959	5,455	75,467	6,539	4,109	27,987	47,408	2,854	24,553	930	820	227	529	1,362	7,872	329,071
Mar-19	114,092	5,072	72,137	6,579	3,831	26,550	38,755	2,845	24,917	67	822	228	525	1,262	6,890	304,572
Apr-19	101,310	4,682	66,803	6,381	3,866	25,373	36,992	2,720	24,841	547	671	224	443	1,117	6,674	282,644
May-19	96,152	4,647	66,230	6,854	3,830	25,181	36,454	2,578	24,086	146	613	224	406	1,068	7,178	275,647
Jun-19	116,913	5,856	69,335	6,902	3,778	30,219	42,829	3,081	29,018	540	557	224	365	1,015	8,687	319,319
Jul-19	167,778	7,831	85,311	7,255	4,255	31,093	43,208	3,442	27,626	178	624	232	391	1,009	9,533	389,766
Aug-19	176,591	8,942	85,051	8,873	4,597	28,541	40,424	3,008	26,875	97	691	230	437	1,040	8,940	394,337
Sep-19	153,363	7,878	81,771	7,682	4,510	31,428	44,356	3,488	34,085	74	754	230	481	1,190	9,556	380,846
Oct-19	107,098	5,358	65,918	5,552	3,537	25,949	33,792	2,915	24,445	259	1,168	218	561	1,043	7,456	285,269
Nov-19	104,134	4,710	69,214	5,904	3,874	26,394	36,287	3,008	25,283	622	946	245	596	1,428	7,215	289,860
Dec-19	122,302	5,554	71,598	6,832	3,953	28,349	38,241	3,192	23,661	154	1,029	231	645	1,541	7,453	314,735
Total Billed	1,521,307	72,045	886,648	82,499	48,496	333,492	476,301	36,026	314,242	3,768	9,690	2,743	6,009	14,644	94,670	3,902,580
Net Unbilled	3,653	159	2,549	260	131	4,067	2,737	452	1,445							15,453
RY 1 Total	1,524,960	72,204	889,197	82,759	48,627	337,559	479,038	36,478	315,687	3,768	9,690	2,743	6,009	14,644	94,670	3,918,033

Orange and Rockland Utilities, Inc.
Case 18-E-0067
Forecast of Sales Volume (MWh)
Rate Year 2

	SC 01	SC 19	SC 02 s	SC 20	SC 02 p	SC 03	SC 09	SC 21	SC 22	SC 25	SC 04	SC 05	SC 06	SC 16	PA	Total O&R
Jan-20	139,750	6,109	77,856	7,149	4,371	27,976	40,141	3,064	26,309	153	1,005	231	630	1,580	7,715	344,039
Feb-20	123,296	5,469	75,191	6,515	4,106	27,723	47,348	2,828	24,323	921	860	236	547	1,420	7,892	328,675
Mar-20	113,427	5,043	71,273	6,500	3,801	26,271	38,716	2,815	24,654	66	831	230	525	1,269	6,906	302,326
Apr-20	101,371	4,684	66,627	6,365	3,882	24,127	35,554	2,587	23,636	541	670	224	443	1,116	6,422	278,249
May-20	96,609	4,669	66,379	6,869	3,859	25,740	37,651	2,635	24,611	144	612	224	406	1,067	7,399	278,874
Jun-20	121,479	6,086	71,778	7,146	3,935	30,840	44,059	3,145	29,612	535	556	224	365	1,014	8,927	329,701
Jul-20	160,887	7,509	81,395	6,921	4,084	28,643	40,138	3,171	25,475	177	625	233	391	1,009	8,896	369,554
Aug-20	179,045	9,067	85,876	8,959	4,662	30,272	43,194	3,191	28,519	96	692	230	437	1,041	9,555	404,836
Sep-20	152,067	7,812	80,765	7,587	4,473	31,077	44,204	3,449	33,705	74	755	230	481	1,191	9,533	377,402
Oct-20	116,542	5,827	71,078	5,999	3,835	26,571	34,914	2,982	25,028	258	1,169	218	561	1,043	7,704	303,729
Nov-20	104,426	4,723	68,669	5,856	3,856	27,931	38,739	3,178	26,758	617	946	245	596	1,429	7,687	295,656
Dec-20	124,801	5,666	72,272	6,899	4,001	26,171	35,638	2,955	21,848	153	1,029	231	645	1,541	6,979	310,830
Total Billed	1,533,700	72,664	889,159	82,765	48,865	333,342	480,296	36,000	314,477	3,735	9,750	2,756	6,027	14,720	95,615	3,923,871
Net Unbilled	(4,406)	(192)	(2,277)	(232)	(117)	(362)	(244)	(40)	(129)							(7,999)
RY 2 Total	1,529,294	72,472	886,882	82,533	48,748	332,980	480,052	35,960	314,348	3,735	9,750	2,756	6,027	14,720	95,615	3,915,872

Orange and Rockland Utilities, Inc.
Case 18-E-0067
Forecast of Sales Volume (MWh)
Rate Year 3

	SC 01	SC 19	SC 02 s	SC 20	SC 02 p	SC 03	SC 09	SC 21	SC 22	SC 25	SC 04	SC 05	SC 06	SC 16	PA	Total O&R
Jan-20	138,247	6,042	76,575	7,032	4,312	29,563	42,746	3,237	27,800	152	991	229	630	1,565	8,188	347,309
Feb-20	122,815	5,449	74,576	6,462	4,087	25,630	44,086	2,614	22,487	913	817	226	529	1,358	7,374	319,423
Mar-20	112,995	5,024	70,721	6,449	3,788	26,024	38,652	2,790	24,424	66	819	228	525	1,257	6,899	300,660
Apr-20	100,890	4,662	66,076	6,312	3,879	24,811	36,848	2,659	24,317	536	670	224	443	1,116	6,670	280,113
May-20	95,909	4,634	65,698	6,799	3,843	27,321	39,996	2,797	26,114	143	612	224	406	1,067	7,915	283,478
Jun-20	120,055	6,014	70,594	7,028	3,898	27,706	40,233	2,825	26,603	530	555	223	365	1,015	8,140	315,785
Jul-20	162,446	7,581	81,849	6,960	4,129	31,484	44,766	3,486	28,011	175	626	233	391	1,010	9,789	382,936
Aug-20	178,842	9,056	85,434	8,913	4,661	28,975	41,962	3,054	27,319	95	692	230	437	1,042	9,211	399,923
Sep-20	152,827	7,850	80,901	7,600	4,499	28,839	41,664	3,201	31,279	73	756	230	481	1,191	8,911	370,302
Oct-20	114,412	5,721	70,014	5,906	3,796	28,309	37,823	3,170	26,656	257	1,170	218	561	1,043	8,256	307,312
Nov-20	98,730	4,468	65,045	5,538	3,662	25,016	35,297	2,856	23,961	612	947	245	596	1,429	6,999	275,401
Dec-20	123,176	5,594	71,479	6,821	3,967	29,746	41,164	3,344	24,825	153	1,030	231	645	1,542	7,947	321,663
Total Billed	1,521,344	72,095	878,962	81,820	48,521	333,424	485,237	36,033	313,795	3,705	9,685	2,741	6,009	14,635	96,299	3,904,305
Net Unbilled	(3,042)	(132)	(1,188)	(122)	(62)	(5,007)	(3,369)	(557)	(1,778)							(15,257)
RY 2 Total	1,518,302	71,963	877,774	81,698	48,459	328,417	481,868	35,476	312,017	3,705	9,685	2,741	6,009	14,635	96,299	3,889,048

Orange and Rockland Utilities, Inc.
Case 18-E-0067
Sales Revenues*
$ 000's

	RY 1	RY 2	RY 3
Delivery	$ 288,725	$ 288,944	$ 287,486
Competitive Services	13,225	13,332	13,383
Reactive Power	179	179	179
Subtotal	$ 302,129	$ 302,455	$ 301,048
MSC	119,735	122,530	123,342
SBC	21,682	21,616	21,060
Other **	450	539	706
Tax Recovery Revenue	7,371	7,429	7,415
Total Sales Revenues	$ 451,367	$ 454,569	$ 453,571
Sales for Resale ***	$ 18,671	$ 20,351	$ 21,144
Grand Total Revenues	$ 470,038	$ 474,920	$ 474,715
Rate Relief (Unlevelized)	13,382	21,370	27,154
Grand Total Revenues with Rate Relief	$ 483,420	$ 496,290	$ 501,869

*At November 2016 rates

** Includes MFC accrual, uncollectibles and other purchased power
*** Includes PSA Fixed Charges and Intercompany Fuel & PSA Bill

Appendix 5
Page 1 of 1

Orange and Rockland Utilities, Inc.
Gas Case 18-G-0068
Sales Revenues
$ 000's

	Twelve Months Ending December 31,		
Firm Revenues	2019	2020	2021
Delivery Revenues			
- Non Competitive	153,356	154,218	154,992
- Competitive	3,099	3,106	3,114
Monthly Gas Adjustments	19,237	19,738	20,062
Gas Supply Charge	42,227	53,885	60,917
Revenue Taxes	4,130	4,415	4,571
Subtotal	222,049	235,363	243,656
Interruptible Revenues			
SC 8/13	5,637	5,637	5,637
SC 9	709	709	709
Revenue Taxes	50	50	49
Subtotal	6,396	6,396	6,395
Other Revenues			
System Benefit Charge	457	37	-
Revenue Taxes	7	1	-
Subtotal	464	38	-
Rate Increase	(7,520)	(3,964)	(3,250)
Grand Total	$ 221,390	$ 237,833	$ 246,801
Volumes (MCF)			
Firm Volume - Billed and Unbilled	20,974,238	21,168,769	21,242,308
Interruptible Volume	3,731,900	3,731,900	3,731,900
Total Volume	24,706,138	24,900,669	24,974,208

Appendix 6
Page 1 of 1

Orange and Rockland Utilities, Inc.
Case 18-E-0067
True-Up Targets
$ 000's

	Twelve Months Ending December 31,		
Expense Items	2019	2020	2021
Research and Development	$ 552	$ 564	$ 576
Contractor Tree Trimming (shortfall true-up only) (a)	7,685	7,846	8,011
Credit Card Payment of Utility Bills	133	172	245
Major Storm Cost Reserve	5,874	5,998	6,124
Pension Costs - Qualified Plan	12,977	10,637	5,041
- Non Qualified Plan	1,194	1,242	1,148
OPEB Costs	3,468	3,701	3,058
Rate relief phase-in adjustment - phased rate increase	(4,805)	(773)	5,578
Total	12,834	14,807	14,825
Property Taxes - State, County & Town	12,570	13,072	13,595
Property Taxes - Village	1,772	1,843	1,917
Property Taxes - School	26,677	27,744	28,854
Total Property Taxes	41,019	42,659	44,366
Non-Officer Management Variable Pay	2,848	2,908	2,969
Energy Efficiency (shortfall true-up only) (a)	7,100	8,100	9,900
Carbon Reduction Program (shortfall true-up only) (a)	500	500	500
Environmental Remediation (True-up target)	5,109	5,109	5,200
Revenue Item			
Low Income Program (b)	9,923	10,100	10,163
Rate Base True-Ups			
Environmental Remediation	7,043	5,478	3,913
Rev Demo Project Costs	3,298	4,970	5,288
Monsey NWA	2,623	6,051	8,568
Pomona DRP	5,240	5,948	5,638

(a) Annual over / under expenditures may be netted, true up is cumulative.

(b) This item is handled through rate design (versus base rates) and is an offset to revenues.

Appendix 7
Page 1 of 1

Orange and Rockland Utilities, Inc.
Case 18-G-0068
True-Up Targets
($000's)

Expense Items	Twelve Months Ending December 31, 2019	2020	2021
Property Taxes - State, County & Town	7,465	7,764	8,074
Property Taxes - Village	1,191	1,239	1,289
Property Taxes - School	15,905	16,541	17,202
Total Property Taxes	24,561	25,544	26,565
Pension Costs - Qualified Plan	6,408	5,252	2,487
- Non Qualified Plan	570	593	546
OPEB Costs	1,714	1,829	1,511
Rate relief phase-in adjustment - phased rate change	1,609	(947)	(662)
Total	10,301	6,727	3,882
Research and Development	12	12	12
Credit Card Payment of Utility Bills	55	71	101
Non-Officer Management Variable Pay	1,178	1,202	1,228
Energy Efficiency (shortfall true-up only) (a)	703	703	703
Environmental Remediation (True-up target)	2,525	2,525	2,525
Revenue Item			
Low Income Program (b)	3,627	3,671	3,714
Rate Base True-Up			
Environmental Remediation	(495)	(385)	(275)

(a) Annual over / under expenditures may be netted, true up is cumulative.

(b) This item is handled through rate design (versus base rates) and is an offset to revenues

Orange and Rockland Utilities, Inc.
Case 18-E-0067
Electric Advanced Metering Infrastructure (AMI) Net Plant In Service Target Balances - Included in Rate Base
Effective January 1, 2019 - December 31, 2021

$ 000's

	Rate Year 1		
MONTH ENDED	AMI Elec. Plant In Service Target	AMI Reserve For Depreciation Target	AMI Net Plant Target
December 31, 2018 @ 50%	$ 22,381	$ (928)	$ 21,453
January	45,360	(2,034)	43,327
February	46,199	(2,214)	43,985
March	47,156	(2,397)	44,759
April	48,114	(2,585)	45,529
May	49,192	(2,777)	46,415
June	50,389	(2,973)	47,417
July	51,587	(3,174)	48,413
August	52,904	(3,380)	49,524
September	54,341	(3,592)	50,749
October	55,418	(3,809)	51,609
November	56,137	(4,031)	52,106
December 31, 2019 @ 50%	30,354	(2,128)	28,226
Total	$ 609,532	$ (36,022)	$ 573,511
13 Point Average	$ 50,794	$ (3,002)	$ 47,793

	Rate Year 2		
MONTH ENDED	AMI Elec. Plant In Service Target	AMI Reserve For Depreciation Target	AMI Net Plant Target
December 31, 2019 @ 50%	$ 30,354	$ (2,128)	$ 28,226
January	61,085	(4,500)	56,584
February	61,578	(4,746)	56,832
March	62,130	(4,994)	57,136
April	62,683	(5,244)	57,439
May	63,293	(5,496)	57,797
June	63,963	(5,751)	58,212
July	64,632	(6,009)	58,623
August	65,360	(6,270)	59,091
September	66,147	(6,533)	59,614
October	66,758	(6,800)	59,958
November	67,193	(7,069)	60,123
December 31, 2020 @ 50%	35,082	(3,670)	31,412
Total	$ 770,258	$ (69,211)	$ 701,047
13 Point Average	$ 64,188	$ (5,768)	$ 58,421

	Rate Year 3		
MONTH ENDED	AMI Elec. Plant In Service Target	AMI Reserve For Depreciation Target	AMI Net Plant Target
December 31, 2020 @ 50%	$ 35,082	$ (3,670)	$ 31,412
January	70,164	(7,621)	62,543
February	70,164	(7,901)	62,263
March	70,164	(8,182)	61,982
April	70,164	(8,462)	61,702
May	70,164	(8,742)	61,422
June	70,164	(9,023)	61,141
July	70,164	(9,303)	60,861
August	70,164	(9,584)	60,580
September	70,164	(9,864)	60,300
October	70,164	(10,144)	60,020
November	70,164	(10,425)	59,739
December 31, 2021 @ 50%	35,082	(5,353)	29,729
Total	$ 841,967	$ (108,272)	$ 733,694
13 Point Average	$ 70,164	$ (9,023)	$ 61,141

Orange and Rockland Utilities, Inc.
Case 18-E-0067
Capital True-up Rate - Electric Advanced Metering Infrastructure (AMI) Net Plant Reconciliation
For Twelve Months Ending December 31, 2019, and December 31, 2020, and December 31,2021

Rate Year 1

Electric Carrying Charge - AMI Net Plant	
- Before Tax ROR*	8.50%
- Composite Depreciation Rate	5.36%
	13.86%

Rate Year 2

Electric Carrying Charge - AMI Net Plant	
- Before Tax ROR*	8.49%
- Composite Depreciation Rate	5.08%
	13.57%

Rate Year 3

Electric Carrying Charge - AMI Net Plant	
- Before Tax ROR*	8.49%
- Composite Depreciation Rate	4.80%
	13.29%

* See Appendix 1 page 4 Capital Structure

Orange and Rockland Utilities, Inc.
Case 18-G-0068
Gas Advanced Metering Infrastructure (AMI) Net Plant In Service Target Balances - Included in Rate Base
Effective January 1, 2019 - December 31, 2021
$ 000's

	Rate Year 1		
MONTH ENDED	AMI Gas Plant In Service Target	AMI Reserve For Depreciation Target	AMI Net Plant Target
December 31, 2018 @ 50%	$ 9,471	$ (407)	$ 9,064
January	19,198	(891)	18,306
February	19,555	(968)	18,587
March	19,963	(1,047)	18,916
April	20,371	(1,128)	19,243
May	20,831	(1,210)	19,620
June	21,341	(1,295)	20,046
July	21,851	(1,381)	20,470
August	22,412	(1,470)	20,942
September	23,025	(1,561)	21,463
October	23,484	(1,655)	21,829
November	23,790	(1,750)	22,040
December 31, 2019 @ 50%	12,662	(924)	11,739
Total	$ 257,953.2	$ (15,687.0)	$ 242,266.2
13 Point Average	$ 21,496	$ (1,307)	$ 20,189

	Rate Year 2		
MONTH ENDED	AMI Gas Plant In Service Target	AMI Reserve For Depreciation Target	AMI Net Plant Target
December 31, 2019 @ 50%	$ 12,662	$ (924)	$ 11,739
January	25,455	(1,950)	23,505
February	25,616	(2,054)	23,562
March	25,792	(2,159)	23,634
April	25,969	(2,264)	23,705
May	26,160	(2,370)	23,791
June	26,367	(2,476)	23,891
July	26,574	(2,584)	23,990
August	26,796	(2,692)	24,104
September	27,034	(2,802)	24,232
October	27,225	(2,912)	24,313
November	27,371	(3,023)	24,348
December 31, 2020 @ 50%	14,168	(1,567)	12,601
Total	$ 317,189	$ (29,776)	$ 287,413
13 Point Average	$ 26,432	$ (2,481)	$ 23,951

	Rate Year 3		
MONTH ENDED	AMI Gas Plant In Service Target	AMI Reserve For Depreciation Target	AMI Net Plant Target
December 31, 2020 @ 50%	$ 14,168	$ (1,567)	$ 12,601
January	28,337	(3,250)	25,087
February	28,337	(3,364)	24,972
March	28,337	(3,479)	24,858
April	28,337	(3,594)	24,743
May	28,337	(3,709)	24,628
June	28,337	(3,823)	24,513
July	28,337	(3,938)	24,399
August	28,337	(4,053)	24,284
September	28,337	(4,168)	24,169
October	28,337	(4,282)	24,054
November	28,337	(4,397)	23,940
December 31, 2021 @ 50%	14,168	(2,256)	11,912
Total	$ 340,040	$ (45,879)	$ 294,160
13 Point Average	$ 28,337	$ (3,823)	$ 24,513

Orange and Rockland Utilities, Inc.
Case 18-G-0068
Capital True-up Rate - Gas Advanced Metering Infrastructure (AMI) Net Plant Reconciliation
For Twelve Months Ending December 31, 2019, December 31, 2020 and December 31, 2021

Rate Year 1

Gas Carrying Charge - AMI Net Plant	
- Before Tax ROR*	8.50%
- Composite Depreciation Rate	5.46%
	13.96%

Rate Year 2

Gas Carrying Charge - AMI Net Plant	
- Before Tax ROR*	8.49%
- Composite Depreciation Rate	5.08%
	13.57%

Rate Year 3

Gas Carrying Charge -AMI Net Plant	
- Before Tax ROR*	8.49%
- Composite Depreciation Rate	4.86%
	13.35%

* See Appendix 2 page 6 Capital Structure

Orange and Rockland Utilities, Inc.
Case 18-E-0067 and 18-G-0068
Calculation of Composite Depreciation Rate for Carrying Charges on Advanced Metering Infrastructure (AMI) Net Plant
($000's)

	AMI Electric	AMI Gas
Rate Year 1		
Depreciation Expense 1/19-12/19:		
-Depreciation Expense	$ 1,401.1	$ 681.7
-Allocated portion of Common	999.2	351.9
Total	$ 2,400.3	$ 1,033.6
Plant Balance @ 12/31/18:		
-Plant Balance	$ 22,678.9	$ 11,335.3
-Allocated portion of Common	22,082.6	7,607.0
Total	$ 44,761.5	$ 18,942.3
Composite Rate	5.36%	5.46%
Rate Year 2		
Depreciation Expense 1/20-12/20:		
-Depreciation Expense	$ 1,886.1	$ 871.7
-Allocated portion of Common	1,197.8	415.9
Total	$ 3,083.9	$ 1,287.6
Plant Balance @ 12/31/19:		
-Plant Balance	$ 34,653.1	$ 16,438.2
-Allocated portion of Common	26,054.7	8,886.2
Total	$ 60,707.8	$ 25,324.4
Composite Rate	5.08%	5.08%
Rate Year 3		
Depreciation Expense 1/21-12/21:		
-Depreciation Expense	$ 2,075.0	$ 931.5
-Allocated portion of Common	1,289.8	445.5
Total	$ 3,364.8	$ 1,377.0
Plant Balance @ 12/31/20:		
-Plant Balance	$ 41,514.3	$ 18,614.7
-Allocated portion of Common	28,649.6	9,721.9
Total	$ 70,163.9	$ 28,336.6
Composite Rate	4.80%	4.86%

Orange and Rockland Utilities, Inc.
Electric Rate Case 18-E-0067 and Gas Rate Case 18-G-0068
Sample of Electric and Gas Advanced Metering Infrastructure (AMI) Single Category Reconciliation
Effective January 1, 2019 - December 31, 2021
($000's)

RY1	Actual (Sample)			Cap Tracking	
	Electric	Gas	Total	Cap @ $98.5M	Under/(Over) Cap
Dec-18	43,762	17,942	61,704	98,500	36,796
Jan-19	44,360	18,198	62,558	98,500	35,942
Feb-19	45,199	18,555	63,754	98,500	34,746
Mar-19	46,156	18,963	65,119	98,500	33,381
Apr-19	47,114	19,371	66,485	98,500	32,015
May-19	48,192	19,831	68,023	98,500	30,477
Jun-19	49,389	20,341	69,730	98,500	28,770
Jul-19	50,587	20,851	71,438	98,500	27,062
Aug-19	51,904	21,412	73,316	98,500	25,184
Sep-19	53,341	22,025	75,366	98,500	23,134
Oct-19	54,418	22,484	76,902	98,500	21,598
Nov-19	55,137	22,790	77,927	98,500	20,573
Dec-19	59,708	24,324	84,032	98,500	14,468
Average	49,794	20,496	70,291		

RY2	Actual (Sample)			Cap Tracking	
	Electric	Gas	Total	Cap @ $98.5M	Under/(Over) Cap
Dec-19	59,708	24,324	84,032	98,500	14,468
Jan-20	61,835	24,955	86,790	98,500	11,710
Feb-20	62,328	25,116	87,444	98,500	11,056
Mar-20	62,880	25,292	88,172	98,500	10,328
Apr-20	63,433	25,469	88,902	98,500	9,598
May-20	64,043	25,660	89,703	98,500	8,797
Jun-20	64,713	25,867	90,580	98,500	7,920
Jul-20	65,382	26,074	91,456	98,500	7,044
Aug-20	66,110	26,296	92,406	98,500	6,094
Sep-20	66,897	26,534	93,431	98,500	5,069
Oct-20	67,508	26,725	94,233	98,500	4,267
Nov-20	67,943	26,871	94,814	98,500	3,686
Dec-20	70,914	27,837	98,751	98,500	(251)
Average	64,865	25,912	90,777		

RY3	Actual (Sample)			Cap Tracking	
	Electric	Gas	Total	Cap @ $98.5M	Under/(Over) Cap
Dec-20	70,914	27,837	98,751	98,500	(251)
Jan-21	71,164	27,837	99,001	98,500	(501)
Feb-21	71,164	27,837	99,001	98,500	(501)
Mar-21	71,164	27,837	99,001	98,500	(501)
Apr-21	71,164	27,837	99,001	98,500	(501)
May-21	71,164	27,837	99,001	98,500	(501)
Jun-21	71,164	27,837	99,001	98,500	(501)
Jul-21	71,164	27,837	99,001	98,500	(501)
Aug-21	71,164	27,837	99,001	98,500	(501)
Sep-21	71,164	27,837	99,001	98,500	(501)
Oct-21	71,164	27,837	99,001	98,500	(501)
Nov-21	71,164	27,837	99,001	98,500	(501)
Dec-21	71,164	27,837	99,001	98,500	(501)
Average	71,154	27,837	98,991		

Orange and Rockland Utilities, Inc.
Electric Rate Case 18-E-0067
Calculation of Interest on Electric Advanced Metering Infrastructure (AMI) Net Plant
Effective January 1, 2019 - December 31, 2021
($000's)

	AMI Elec. Plant in Service			AMI Reserve for Depreciaiton			AMI Net Plant			Interest Computed
RY1	Actual (sample)	PSC Target	Variation	Actual (sample)	PSC Target	Variation	Actual (sample)	PSC Target	Variation	13.86%
Dec-18	43,762	44,762	(1,000)	1,852	1,856	(4)	41,910	42,905	(995)	
Jan-19	44,360	45,360	(1,000)	2,011	2,034	(23)	42,349	43,327	(978)	(11)
Feb-19	45,199	46,199	(1,000)	2,173	2,214	(41)	43,026	43,985	(959)	(11)
Mar-19	46,156	47,156	(1,000)	2,338	2,397	(59)	43,818	44,759	(941)	(11)
Apr-19	47,114	48,114	(1,000)	2,508	2,585	(77)	44,606	45,529	(923)	(11)
May-19	48,192	49,192	(1,000)	2,683	2,777	(94)	45,509	46,415	(906)	(10)
Jun-19	49,389	50,389	(1,000)	2,863	2,973	(110)	46,526	47,417	(891)	(10)
Jul-19	50,587	51,587	(1,000)	3,047	3,174	(127)	47,540	48,413	(873)	(10)
Aug-19	51,904	52,904	(1,000)	3,237	3,380	(143)	48,667	49,524	(857)	(10)
Sep-19	53,341	54,341	(1,000)	3,433	3,592	(159)	49,908	50,749	(841)	(10)
Oct-19	54,418	55,418	(1,000)	3,633	3,809	(176)	50,785	51,609	(824)	(10)
Nov-19	55,137	56,137	(1,000)	3,837	4,031	(194)	51,300	52,106	(806)	(9)
Dec-19	59,708	60,708	(1,000)	4,059	4,256	(197)	55,649	56,451	(802)	(9)
Average	49,794	50,794	(1,000)	2,893	3,002	(109)	46,901	47,793	(891)	(122)

	AMI Elec. Plant in Service			AMI Reserve for Depreciaiton			AMI Net Plant			
RY2	Actual (sample)	PSC Target	Variation	Actual (sample)	PSC Target	Variation	Actual (sample)	PSC Target	Variation	13.57%
Dec-19	59,708	60,708	$ (1,000)	4,059	4,256	$ (197)	55,649	56,451	$ (802)	
Jan-20	61,835	61,085	$ 750	4,291	4,501	$ (210)	57,544	56,584	$ 960	11
Feb-20	62,328	61,578	$ 750	4,524	4,746	$ (222)	57,804	56,832	$ 972	11
Mar-20	62,880	62,130	$ 750	4,759	4,994	$ (235)	58,121	57,136	$ 985	11
Apr-20	63,433	62,683	$ 750	4,997	5,244	$ (247)	58,436	57,439	$ 997	11
May-20	64,043	63,293	$ 750	5,237	5,496	$ (259)	58,806	57,797	$ 1,009	11
Jun-20	64,713	63,963	$ 750	5,480	5,751	$ (271)	59,233	58,212	$ 1,021	12
Jul-20	65,382	64,632	$ 750	5,726	6,009	$ (283)	59,656	58,623	$ 1,033	12
Aug-20	66,110	65,360	$ 750	5,975	6,269	$ (294)	60,135	59,091	$ 1,044	12
Sep-20	66,897	66,147	$ 750	6,227	6,533	$ (306)	60,670	59,614	$ 1,056	12
Oct-20	67,508	66,758	$ 750	6,482	6,800	$ (318)	61,026	59,958	$ 1,068	12
Nov-20	67,943	67,193	$ 750	6,738	7,069	$ (331)	61,205	60,124	$ 1,081	12
Dec-20	70,914	70,164	$ 750	7,011	7,340	$ (329)	63,903	62,824	$ 1,079	-
Average	64,865	64,188	677	5,498	5,768	(270)	59,368	58,421	947	127

	AMI Elec. Plant in Service			AMI Reserve for Depreciaiton			AMI Net Plant			
RY3	Actual (sample)	PSC Target	Variation	Actual (sample)	PSC Target	Variation	Actual (sample)	PSC Target	Variation	13.29%
Dec-20	70,914	70,164	$ 750	7,011	7,340	$ (329)	63,903	62,824	$ 1,079	
Jan-21	71,164	70,164	$ 1,000	7,282	7,621	$ (339)	63,882	62,543	$ 1,339	-
Feb-21	71,164	70,164	$ 1,000	7,552	7,901	$ (349)	63,612	62,263	$ 1,349	-
Mar-21	71,164	70,164	$ 1,000	7,823	8,182	$ (359)	63,341	61,982	$ 1,359	-
Apr-21	71,164	70,164	$ 1,000	8,093	8,462	$ (369)	63,071	61,702	$ 1,369	-
May-21	71,164	70,164	$ 1,000	8,363	8,742	$ (379)	62,801	61,422	$ 1,379	-
Jun-21	71,164	70,164	$ 1,000	8,634	9,023	$ (389)	62,530	61,141	$ 1,389	-
Jul-21	71,164	70,164	$ 1,000	8,904	9,303	$ (399)	62,260	60,861	$ 1,399	-
Aug-21	71,164	70,164	$ 1,000	9,175	9,584	$ (409)	61,989	60,580	$ 1,409	-
Sep-21	71,164	70,164	$ 1,000	9,445	9,864	$ (419)	61,719	60,300	$ 1,419	-
Oct-21	71,164	70,164	$ 1,000	9,715	10,144	$ (429)	61,449	60,020	$ 1,429	-
Nov-21	71,164	70,164	$ 1,000	9,985	10,425	$ (440)	61,179	59,739	$ 1,440	-
Dec-21	71,164	70,164	$ 1,000	10,255	10,705	$ (450)	60,909	59,459	$ 1,450	-
Average	71,154	70,164	990	8,634	9,023	(389)	62,520	61,141	1,379	-
							Cumulative Carrying Charges			5

Note: Any credit due electric and/or gas customers or debit due the Company will be determined upon project completion (currently projected to end in 2020), after computing net plant associated with actual aggregate expenditures for both electric and gas to the net plant associated with the overall project cap of $98.5 million. If at the completion of the project the actual net plant amount for a service is above/below the net plant target for that service, the Company will be able to defer carrying charges associated with the net plant overage/shortage for that service to the extent the capital expenditures associated with the AMI Deployment do not exceed the overall project capital cap of $98.5 million.

Orange and Rockland Utilities, Inc.
Gas Rate Case 18-E-0068
Calculation of Interest on Gas Advanced Metering Infrastructure (AMI) Net Plant
Effective January 1, 2019 - December 31, 2021
($000's)

	AMI Gas Plant in Service			AMI Reserve for Depreciaiton			AMI Net Plant			Interest Computed
RY1	Actual (sample)	PSC Target	Variation	Actual (sample)	PSC Target	Variation	Actual (sample)	PSC Target	Variation	13.96%
Dec-18	17,942	18,942	(1,000)	810	814	(4)	17,132	18,129	(997)	
Jan-19	18,198	19,198	(1,000)	886	890	(4)	17,312	18,307	(995)	(12)
Feb-19	18,555	19,555	(1,000)	964	968	(4)	17,591	18,587	(996)	(12)
Mar-19	18,963	19,963	(1,000)	1,043	1,047	(4)	17,920	18,916	(996)	(12)
Apr-19	19,371	20,371	(1,000)	1,124	1,128	(4)	18,247	19,244	(997)	(12)
May-19	19,831	20,831	(1,000)	1,206	1,210	(4)	18,625	19,620	(995)	(12)
Jun-19	20,341	21,341	(1,000)	1,291	1,295	(4)	19,050	20,046	(996)	(12)
Jul-19	20,851	21,851	(1,000)	1,377	1,381	(4)	19,474	20,470	(996)	(12)
Aug-19	21,412	22,412	(1,000)	1,466	1,470	(4)	19,946	20,942	(996)	(12)
Sep-19	22,025	23,025	(1,000)	1,557	1,561	(4)	20,468	21,463	(995)	(12)
Oct-19	22,484	23,484	(1,000)	1,651	1,655	(4)	20,833	21,829	(996)	(12)
Nov-19	22,790	23,790	(1,000)	1,746	1,750	(4)	21,044	22,040	(996)	(12)
Dec-19	24,324	25,324	(1,000)	1,843	1,847	(4)	22,481	23,477	(996)	(12)
Average	20,496	21,496	(1,000)	1,303	1,307	(4)	19,193	20,189	(996)	(139)

	AMI Gas Plant in Service			AMI Reserve for Depreciaiton			AMI Net Plant			
RY2	Actual (sample)	PSC Target	Variation	Actual (sample)	PSC Target	Variation	Actual (sample)	PSC Target	Variation	13.57%
Dec-19	24,324	25,324	$ (1,000)	1,843	1,847	$ (4)	22,481	23,477	$ (996)	
Jan-20	24,955	25,455	$ (500)	1,935	1,950	$ (15)	23,020	23,505	$ (485)	(5)
Feb-20	25,116	25,616	$ (500)	2,029	2,054	$ (25)	23,087	23,562	$ (475)	(5)
Mar-20	25,292	25,792	$ (500)	2,124	2,159	$ (35)	23,168	23,634	$ (466)	(5)
Apr-20	25,469	25,969	$ (500)	2,219	2,264	$ (45)	23,250	23,705	$ (455)	(5)
May-20	25,660	26,160	$ (500)	2,315	2,370	$ (55)	23,345	23,791	$ (446)	(5)
Jun-20	25,867	26,367	$ (500)	2,411	2,476	$ (65)	23,456	23,891	$ (435)	(5)
Jul-20	26,074	26,574	$ (500)	2,509	2,584	$ (75)	23,565	23,990	$ (425)	(5)
Aug-20	26,296	26,796	$ (500)	2,607	2,692	$ (85)	23,689	24,104	$ (415)	(5)
Sep-20	26,534	27,034	$ (500)	2,707	2,802	$ (95)	23,827	24,232	$ (405)	(5)
Oct-20	26,725	27,225	$ (500)	2,807	2,912	$ (105)	23,918	24,313	$ (395)	(4)
Nov-20	26,871	27,371	$ (500)	2,908	3,023	$ (115)	23,963	24,348	$ (385)	(4)
Dec-20	27,837	28,337	$ (500)	3,015	3,135	$ (120)	24,822	25,202	$ (380)	-
Average	25,912	26,432	(521)	2,417	2,481	(65)	23,495	23,951	(456)	(54)

	AMI Gas Plant in Service			AMI Reserve for Depreciaiton			AMI Net Plant			
RY3	Actual (sample)	PSC Target	Variation	Actual (sample)	PSC Target	Variation	Actual (sample)	PSC Target	Variation	13.35%
Dec-20	27,837	28,337	$ (500)	3,015	3,135	$ (120)	24,822	25,202	$ (380)	
Jan-21	27,837	28,337	$ (500)	3,121	3,250	$ (129)	24,716	25,087	$ (371)	-
Feb-21	27,837	28,337	$ (500)	3,225	3,364	$ (139)	24,612	24,972	$ (360)	-
Mar-21	27,837	28,337	$ (500)	3,331	3,479	$ (148)	24,506	24,858	$ (352)	-
Apr-21	27,837	28,337	$ (500)	3,436	3,594	$ (158)	24,401	24,743	$ (342)	-
May-21	27,837	28,337	$ (500)	3,541	3,709	$ (168)	24,296	24,628	$ (332)	-
Jun-21	27,837	28,337	$ (500)	3,646	3,823	$ (177)	24,191	24,513	$ (322)	-
Jul-21	27,837	28,337	$ (500)	3,751	3,938	$ (187)	24,086	24,399	$ (313)	-
Aug-21	27,837	28,337	$ (500)	3,856	4,053	$ (197)	23,981	24,284	$ (303)	-
Sep-21	27,837	28,337	$ (500)	3,962	4,168	$ (206)	23,875	24,169	$ (294)	-
Oct-21	27,837	28,337	$ (500)	4,066	4,282	$ (216)	23,771	24,054	$ (283)	-
Nov-21	27,837	28,337	$ (500)	4,171	4,397	$ (226)	23,666	23,940	$ (274)	-
Dec-21	27,837	28,337	$ (500)	4,277	4,512	$ (235)	23,560	23,825	$ (265)	-
Average	27,837	28,337	(500)	3,646	3,823	(177)	24,191	24,513	(322)	-
							Cumulative Carrying Charges			(193)

Note: Any credit due electric and/or gas customers or debit due the Company will be determined upon project completion (currently projected to end in 2020), after computing net plant associated with actual aggregate expenditures for both electric and gas to the net plant associated with the overall project cap of $98.5 million. If at the completion of the project the actual net plant amount for a service is above/below the net plant target for that service, the Company will be able to defer carrying charges associated with the net plant overage/shortage for that service to the extent the capital expenditures associated with the AMI Deployment do not exceed the overall project capital cap of $98.5 million.

Orange and Rockland Utilities, Inc.
Case 18-E-0067
Electric Net Plant In Service Target Balances - Included in Rate Base*
Effective Janaury 1, 2019 - December 31, 2021
$ 000's

	Rate Year 1		
MONTH ENDED	Elec. Plant In Service Target	Reserve For Depreciation Target	Net Plant Target
December 31, 2018 @ 50%	$ 772,506	$ (271,054)	$ 501,452
January	1,546,191	(544,760)	1,001,430
February	1,546,638	(548,000)	998,638
March	1,548,241	(551,161)	997,080
April	1,550,281	(554,292)	995,989
May	1,563,557	(557,414)	1,006,142
June	1,572,469	(560,552)	1,011,917
July	1,576,554	(563,760)	1,012,793
August	1,579,514	(566,942)	1,012,573
September	1,584,777	(570,183)	1,014,595
October	1,588,436	(573,325)	1,015,112
November	1,592,653	(576,514)	1,016,138
December 31, 2019 @ 50%	800,639	(289,518)	511,122
Total	$ 18,822,456	$ (6,727,476)	$ 12,094,980
13 Point Average	$ 1,568,538	$ (560,623)	$ 1,007,915

	Rate Year 2		
MONTH ENDED	Elec. Plant In Service Target	Reserve For Depreciation Target	Net Plant Target
December 31, 2019 @ 50%	$ 800,639	$ (289,518)	$ 511,122
January	1,604,762	(582,701)	1,022,061
February	1,605,619	(586,394)	1,019,225
March	1,607,459	(590,081)	1,017,377
April	1,609,896	(593,669)	1,016,228
May	1,614,990	(597,221)	1,017,769
June	1,641,740	(600,437)	1,041,304
July	1,646,568	(604,123)	1,042,445
August	1,649,092	(607,401)	1,041,692
September	1,652,714	(610,423)	1,042,291
October	1,656,036	(614,112)	1,041,925
November	1,658,985	(617,784)	1,041,201
December 31, 2020 @ 50%	844,207	(309,927)	534,280
Total	$ 19,592,708	$ (7,203,789)	$ 12,388,920
13 Point Average	$ 1,632,726	$ (600,316)	$ 1,032,410

	Rate Year 3		
MONTH ENDED	Elec. Plant In Service Target	Reserve For Depreciation Target	Net Plant Target
December 31, 2020 @ 50%	$ 844,207	$ (309,927)	$ 534,280
January	1,693,882	(623,933)	1,069,949
February	1,696,992	(627,934)	1,069,059
March	1,700,239	(631,921)	1,068,318
April	1,703,649	(636,057)	1,067,593
May	1,707,298	(640,176)	1,067,122
June	1,734,897	(644,306)	1,090,591
July	1,739,665	(648,503)	1,091,162
August	1,744,150	(652,712)	1,091,439
September	1,748,598	(656,830)	1,091,769
October	1,752,944	(661,036)	1,091,908
November	1,757,623	(665,236)	1,092,386
December 31, 2021 @ 50%	900,378	(333,626)	566,752
Total	$ 20,724,522	$ (7,732,196)	$ 12,992,326
13 Point Average	$ 1,727,044	$ (644,350)	$ 1,082,694

* excludes AMI

Orange and Rockland Utilities, Inc.
Case 18-E-0067
Capital True-up Rate - Electric Net Plant Reconciliation (Excluding AMI Net Plant)
For Twelve Months Ending December 31, 2019, and December 31, 2020, and December 31,2021

Rate Year 1

Electric Carrying Charge - Net Plant	
- Before Tax ROR*	8.50%
- Composite Depreciation Rate	3.47%
	11.97%

Rate Year 2

Electric Carrying Charge - Net Plant	
- Before Tax ROR*	8.49%
- Composite Depreciation Rate	3.50%
	11.99%

Rate Year 3

Electric Carrying Charge - Net Plant	
- Before Tax ROR*	8.49%
- Composite Depreciation Rate	3.39%
	11.89%

* See Appendix 1 page 4 Capital Structure

Orange and Rockland Utilities, Inc.
Case 18-G-0068
Gas Net Plant In Service Target Balances - Included in Rate Base*
Effective January 1, 2019 - December 31, 2021
$ 000's

	Rate Year 1				Rate Year 2				Rate Year 3		
MONTH ENDED	Gas Plant In Service Target	Reserve For Depreciation Target	Net Plant Target	MONTH ENDED	Gas Plant In Service Target	Reserve For Depreciation Target	Net Plant Target	MONTH ENDED	Gas Plant In Service Target	Reserve For Depreciation Target	Net Plant Target
December 31, 2018 @ 50%	$ 436,358	$ (143,189)	$ 293,169	**December 31, 2019 @ 50%**	$ 456,034	$ (153,931)	$ 302,103	**December 31, 2020 @ 50%**	$ 476,988	$ (165,001)	$ 311,987
January	874,729	(287,948)	586,781	**January**	914,386	(309,813)	604,573	**January**	957,221	(331,953)	625,268
February	876,485	(289,821)	586,664	**February**	918,644	(311,779)	606,865	**February**	960,426	(333,874)	626,552
March	879,114	(291,694)	587,420	**March**	921,267	(313,742)	607,525	**March**	963,607	(335,771)	627,836
April	881,990	(293,473)	588,517	**April**	924,358	(315,617)	608,741	**April**	966,858	(337,749)	629,109
May	885,134	(295,339)	589,795	**May**	927,136	(317,577)	609,558	**May**	970,109	(339,731)	630,378
June	888,727	(297,196)	591,532	**June**	930,041	(319,555)	610,485	**June**	973,399	(341,659)	631,740
July	892,045	(299,085)	592,960	**July**	933,153	(321,537)	611,616	**July**	976,741	(343,657)	633,084
August	895,686	(300,878)	594,808	**August**	936,239	(323,220)	613,019	**August**	980,113	(345,662)	634,451
September	900,111	(302,763)	597,348	**September**	939,310	(324,847)	614,464	**September**	983,356	(347,625)	635,731
October	904,234	(304,595)	599,639	**October**	943,548	(326,815)	616,734	**October**	986,646	(349,642)	637,004
November	907,673	(306,485)	601,187	**November**	946,494	(328,779)	617,715	**November**	990,028	(351,666)	638,362
December 31, 2019 @ 50%	456,034	(153,931)	302,103	**December 31, 2020 @ 50%**	476,988	(165,001)	311,987	**December 31, 2021 @ 50%**	499,228	(176,588)	322,640
Total	$ 10,678,319	$ (3,566,397)	$ 7,111,922	**Total**	$ 11,167,596	$ (3,832,212)	$ 7,335,384	**Total**	$ 11,684,720	$ (4,100,578)	$ 7,584,142
13 Point Average	$ 889,860	$ (297,200)	$ 592,660	**13 Point Average**	$ 930,633	$ (319,351)	$ 611,282	**13 Point Average**	$ 973,727	$ (341,715)	$ 632,012

* excludes AMI

Orange and Rockland Utilities, Inc.
Case 18-G-0068
Capital True-up Rate - Gas Net Plant Reconciliation (Excluding AMI Net Plant)
For Twelve Months Ending December 31, 2019, December 31, 2020 and December 31, 2021

Rate Year 1

Gas Carrying Charge - Net Plant	
- Before Tax ROR*	8.50%
- Composite Depreciation Rate	2.82%
	11.32%

Rate Year 2

Gas Carrying Charge - Net Plant	
- Before Tax ROR*	8.49%
- Composite Depreciation Rate	2.80%
	11.29%

Rate Year 3

Gas Carrying Charge - Net Plant	
- Before Tax ROR*	8.49%
- Composite Depreciation Rate	2.75%
	11.24%

* See Appendix 2 page 6 Capital Structure

Orange and Rockland Utilities, Inc.
Case 18-E-0067 and 18-G-0068
Calculation of Composite Depreciation Rate for Carrying Charges on Net Plant Excluding AMI Balances
($000's)

	Electric	Gas
Rate Year 1		
Depreciation Expense 1/19-12/19:		
-Depreciation Expense	$ 42,027.7	$ 19,609.0
-Allocated portion of Common	11,608.5	4,988.4
Total	$ 53,636.2	$ 24,597.4
Plant Balance @ 12/31/18:		
-Plant Balance	$ 1,371,085.1	$ 797,669.7
-Allocated portion of Common	173,926.9	75,046.3
Total	$ 1,545,012.0	$ 872,716.0
Composite Rate	3.47%	2.82%
Rate Year 2		
Depreciation Expense 1/20-12/20:		
-Depreciation Expense	$ 43,336.4	$ 20,190.3
-Allocated portion of Common	12,651.8	5,382.2
Total	$ 55,988.2	$ 25,572.5
Plant Balance @ 12/31/19:		
-Plant Balance	$ 1,418,562.6	$ 832,909.2
-Allocated portion of Common	182,716.3	79,159.6
Total	$ 1,601,278.9	$ 912,068.8
Composite Rate	3.50%	2.80%
Rate Year 3		
Depreciation Expense 1/21-12/21:		
-Depreciation Expense	$ 45,398.9	$ 21,076.4
-Allocated portion of Common	11,888.1	5,127.8
Total	$ 57,287.0	$ 26,204.2
Plant Balance @ 12/31/20:		
-Plant Balance	$ 1,498,681.3	$ 871,674.7
-Allocated portion of Common	189,733.3	82,300.5
Total	$ 1,688,414.6	$ 953,975.2
Composite Rate	3.39%	2.75%

Data based on final Net Plant Model (File 212)

Orange and Rockland Utilities, Inc.
Electric Rate Case 18-E-0067
Calculation of Interest on Electric Net Plant
Effective January 1, 2019 - December 31, 2021
($000's)

EXAMPLE 1 - Carrying Charge in December 2021 - end of RY3

As of the end of RY3, the cumulative interest is positive at $213k indicating the actual plant balances are above the target, therefore no interest is accrued to the customer as of the end of the multi-year plan.

	Net Plant						
	Actual (sample)	**PSC Target**	**Variation**	Interest Computed 11.97%	Interest Computed Cumulative	**Current Month Interest recorded**	**Cumulative Interest Accrued to Customer**
Dec-18	499,000	501,452	(2,452)	(24)			
Jan-19	998,000	1,001,430	(3,430)	(34)	(58)	(58)	(58)
Feb-19	998,000	998,638	(638)	(6)	(64)	(6)	(64)
Mar-19	999,000	997,080	1,920	19	(45)	64	-
Apr-19	999,000	995,989	3,011	30	(15)	-	-
May-19	1,006,000	1,006,142	(142)	(1)	(16)	-	-
Jun-19	1,012,000	1,011,917	83	1	(15)	-	-
Jul-19	1,012,000	1,012,793	(793)	(8)	(23)	-	-
Aug-19	1,012,000	1,012,573	(573)	(6)	(29)	-	-
Sep-19	1,015,000	1,014,595	405	4	(25)	(25)	(25)
Oct-19	1,015,000	1,015,112	(112)	(1)	(26)	(1)	(26)
Nov-19	1,016,000	1,016,138	(138)	(1)	(27)	(1)	(27)
Dec-19	509,000	511,122	(2,122)	(21)	(48)	(21)	(48)
Average	1,007,500	1,007,915	(415)	(48)		(48)	

	Net Plant						
	Actual (sample)	**PSC Target**	**Variation**	**11.99%**			
Dec-19	509,000	511,122	$ (2,122)	(21)			
Jan-20	1,018,000	1,022,061	$ (4,061)	(41)	(110)	(62)	(110)
Feb-20	1,018,000	1,019,225	$ (1,225)	(12)	(122)	(12)	(122)
Mar-20	1,018,000	1,017,377	$ 623	6	(116)	6	(116)
Apr-20	1,018,000	1,016,228	$ 1,772	18	(98)	18	(98)
May-20	1,019,000	1,017,769	$ 1,231	12	(86)	12	(86)
Jun-20	1,025,000	1,041,304	$ (16,304)	(163)	(249)	(163)	(249)
Jul-20	1,030,000	1,042,445	$ (12,445)	(124)	(373)	(124)	(373)
Aug-20	1,045,000	1,041,692	$ 3,308	33	(340)	33	(340)
Sep-20	1,045,000	1,042,291	$ 2,709	27	(313)	27	(313)
Oct-20	1,045,000	1,041,925	$ 3,075	31	(282)	31	(282)
Nov-20	1,048,000	1,041,201	$ 6,799	68	(214)	29	(253)
Dec-20	534,000	534,280	$ (280)	(3)	(217)	-	(253)
Average	1,031,000	1,032,410	(1,410)	(169)		(205)	

	Net Plant						
	Actual (sample)	**PSC Target**	**Variation**	**11.89%**			
Dec-20	534,000	534,280	$ (280)	(3)			
Jan-21	1,071,000	1,069,949	$ 1,051	11	(209)	8	(245)
Feb-21	1,071,000	1,069,059	$ 1,941	19	(190)	19	(226)
Mar-21	1,072,000	1,068,318	$ 3,682	37	(153)	37	(189)
Apr-21	1,072,000	1,067,593	$ 4,407	44	(109)	44	(145)
May-21	1,079,000	1,067,122	$ 11,878	119	10	119	(26)
Jun-21	1,090,000	1,090,591	$ (591)	(6)	4	(6)	(32)
Jul-21	1,094,400	1,091,162	$ 3,238	32	36	32	-
Aug-21	1,096,000	1,091,439	$ 4,561	46	82	-	-
Sep-21	1,096,000	1,091,769	$ 4,231	42	124	-	-
Oct-21	1,096,000	1,091,908	$ 4,092	41	165	-	-
Nov-21	1,096,000	1,092,386	$ 3,614	36	201	-	-
Dec-21	568,000	566,752	$ 1,248	12	213	-	-
Average	1,086,283	1,082,694	3,589	430		253	

Orange and Rockland Utilities, Inc.
Gas Rate Case 18-G-0068
Calculation of Interest on Gas Net Plant
Effective January 1, 2019 - December 31, 2021
($000's)

EXAMPLE 2 - Carrying Charge in December 2021 - end of RY3

As of the end of RY3, cumulative interest is negative for $118k, indicating the actual plant balances are below the target, therefore the cumulative interest of $118k is accrued to the customer as of the end of the multi-year rate plan.

	Net Plant						
	Actual (sample)	**PSC Target**	**Variation**	Interest Computed **11.32%**	Interest Computed Cumulative	**Current Month Interest recorded**	**Cumulative Interest Accrued to Customer**
Dec-18	294,000	293,169	831	8			
Jan-19	587,000	586,781	219	2	10	-	-
Feb-19	587,000	586,664	336	3	13	-	-
Mar-19	588,000	587,420	580	5	18	-	-
Apr-19	588,000	588,517	(517)	(5)	13	-	-
May-19	588,000	589,795	(1,795)	(17)	(4)	(4)	(4)
Jun-19	591,000	591,532	(532)	(5)	(9)	(5)	(9)
Jul-19	593,000	592,960	40	-	(9)	-	(9)
Aug-19	594,000	594,808	(808)	(8)	(17)	(8)	(17)
Sep-19	598,000	597,348	652	6	(11)	6	(11)
Oct-19	600,000	599,639	361	3	(8)	11	-
Nov-19	602,000	601,187	813	8	-	-	-
Dec-19	303,000	302,103	897	8	8	-	-
Average	592,750	592,660	90	8		-	

	Net Plant						
	Actual (sample)	**PSC Target**	**Variation**	**11.29%**			
Dec-19	303,000	302,103	$ 897	8			
Jan-20	605,000	604,573	$ 427	4	20	-	-
Feb-20	606,000	606,865	$ (865)	(8)	12	-	-
Mar-20	608,000	607,525	$ 475	4	16	-	-
Apr-20	608,000	608,741	$ (741)	(7)	9	-	-
May-20	609,000	609,558	$ (558)	(5)	4	-	-
Jun-20	609,000	610,485	$ (1,485)	(14)	(10)	(10)	(10)
Jul-20	611,000	611,616	$ (616)	(6)	(16)	(6)	(16)
Aug-20	611,000	613,019	$ (2,019)	(19)	(35)	(19)	(35)
Sep-20	616,000	614,464	$ 1,536	14	(21)	14	(21)
Oct-20	619,000	616,734	$ 2,266	21	-	21	-
Nov-20	619,000	617,715	$ 1,285	12	12	-	-
Dec-20	311,000	311,987	$ (987)	(9)	3	-	-
Average	611,250	611,282	(32)	(5)		-	

	Net Plant						
	Actual (sample)	**PSC Target**	**Variation**	**11.24%**			
Dec-20	311,000	311,987	$ (987)	(9)			
Jan-21	628,000	625,268	$ 2,732	26	20	-	-
Feb-21	628,000	626,552	$ 1,448	14	34	-	-
Mar-21	628,000	627,836	$ 164	2	36	-	-
Apr-21	628,000	629,109	$ (1,109)	(10)	26	-	-
May-21	628,000	630,378	$ (2,378)	(22)	4	-	-
Jun-21	632,000	631,740	$ 260	2	6	-	-
Jul-21	632,000	633,084	$ (1,084)	(10)	(4)	(4)	(4)
Aug-21	632,000	634,451	$ (2,451)	(23)	(27)	(23)	(27)
Sep-21	632,000	635,731	$ (3,731)	(35)	(62)	(35)	(62)
Oct-21	635,000	637,004	$ (2,004)	(19)	(81)	(19)	(81)
Nov-21	635,000	638,362	$ (3,362)	(31)	(112)	(31)	(112)
Dec-21	322,000	322,640	$ (640)	(6)	(118)	(6)	(118)
Average	630,917	632,012	(1,095)	(121)		(118)	

Appendix 10
Schedule 1

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Calculation of Lost and Unaccounted for Gas ("LAUF") and Dead Band Target
Based on 5 Year Period: TME Aug 13 to Aug 17*

		Aug-17	**Aug-16**	**Aug-15**	**Aug-14**	**Aug-13**
	Citygate Receipts					
1	**Total Pipeline Receipts**	27,120,146	26,622,414	33,988,294	33,604,385	26,556,514
	Deliveries to Customers					
2	Retail Sales and Transportation Deliveries	24,031,816	22,817,219	27,105,444	26,843,866	24,491,245
3	Gas Used for Company Purposes (Including Inactive Gas Metered Usage)	54,950	71,700	77,001	43,597	40,183
4	Deliveries to Generation	2,629,526	3,549,534	6,538,297	6,247,085	1,489,326
5	**Total Deliveries (Line 2 - Line 4)**	26,716,291	26,438,453	33,720,741	33,134,548	26,020,754
6	**Losses (Line 1 - Line 5)**	403,855	183,961	267,553	469,837	535,760
7	**Contribution to system line loss from Generation at 1.0% (Line 4 * 0.01)**	62,471	14,893	4,239	10,805	6,726
8	**Adjusted Line Loss (Line 6 - Line 7)**	410,679	529,509	365,455	427,027	399,659
9	**Citygate Receipts adjusted for Generation (Line 1 - Line 7)**	24,428,149	23,057,987	27,445,758	27,346,495	25,060,462
10	***Annual Line Loss Factor (Line 8 / Line 9)***	1.681%	2.296%	1.332%	1.562%	1.595%

DETERMINE LAUF% TARGET & DEAD BAND
Basis: Target & Dead Band are calculated from 5 years of historical data
Dead Band is equal to +/- 2 standard deviations
No Incentive to Be Earned for LAUF % Target < 0

	5-Year Statistics (Aug 10 - Aug 14)	
11	**Mean LAUF% (Average of Line 10)**	1.693%
12	**Std Deviation (Std Deviation of Line 10)**	0.361%
13	**2 Std Deviation (Line 12 * 2)**	0.722%
	Target & Dead Band	
14	**LAUF% Target**	1.693%
15	**Upper Band (Mean + 2 SD)**	2.415%
16	**Lower Band (Mean - 2 SD)**	0.971%

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* The Company will recalculate the dead band based on the five year period: 12 ME Aug 14 to Aug 18 prior to the effective date of rates in this proceeding.
This deadband will be recalculated every year.
The Fixed FOA will be reset when rates become effective in this proceeding and every November 1 thereafter based on the average of the actual FOAs for the previous
for the previous five twelve-month periods ended August 31.

Appendix 10
Schedule 2

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068
GAS LOST AND UNACCOUNTED FOR

ILLUSTRATIVE CALCULATION OF LINE LOSS INCENTIVE / PENALTY

1	Total Distribution Sendout		24,490,620	Mcf
2	Customer Metered Volumes		24,149,236	Mcf
3	Actual Line Loss -- [(Line 1 - Line 2) / Line 1]		1.414%	
4	Actual Factor of Adjustment -- [1 / (1 - 0.0141)]		1.0143	
5	If Line 4 is ≥ Lower Dead band and ≤ Upper Dead band, equal to line 4 If Line 4 is < Lower Dead band, equal to line 12 If Line 4 is > Upper Dead band, equal to line 11		1.0143	
	Calculation of Benefit / (Shortfall):			
6	Total Cost of Gas 12 months Ended August XX		$110,000,000	
7	(Line 5 Above) -------------------------------- Actual Factor of Adjustment (Line 4 above)	1.0143 ---------- 1.0143	1.000000	
8	Net Adjusted Commodity Cost of Gas (Line 6 x Line 7)		$110,000,000	
9	Company Benefit / (Penalty) due to Line Losses (Line 8 - Line 6)		$0	

** The Fixed FOA for purposes of calculating incentives / penalties based on 1.693% losses equals:

10 $$\frac{100.0}{(100.0 - 1.693)} = \frac{100.0}{98.307} = 1.0172$$

** The maximum "FOA Before Adjustment" based on 2.415% losses equals:

11 $$\frac{100.0}{(100.0 - 2.415)} = \frac{100.0}{97.585} = 1.0247$$

** The minimum "FOA Before Adjustment" based on 0.971% losses equals:

12 $$\frac{100.0}{(100.0 - 0.971)} = \frac{100.0}{99.029} = 1.0098$$

Note: The Company will recalculate the dead band based on the five year period: 12 ME Aug 14 to Aug 18 prior to the effective date of rates in this proceeding. This deadband will be recalculated every year.
The Fixed FOA will be reset when rates become effective in this proceeding and every November 1 thereafter based on the average of the actual FOAs for the previous five twelve-month periods ended August 31.

Appendix 10
Schedule 3

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068
GAS LOST AND UNACCOUNTED FOR

ILLUSTRATIVE CALCULATION OF SYSTEM PERFORMANCE ADJUSTMENT ("SPA") MECHANISM

1	Total Distribution Sendout		24,490,620	Mcf
2	Customer Metered Volumes		24,149,236	Mcf
3	Actual Line Loss -- [(Line 1 - Line 2) / Line 1]		1.414%	
4	Actual Factor of Adjustment -- [1 / (1 - 0.0141)]		1.0143	
5	If Line 4 is ≥ Lower Dead band and ≤ Upper Dead band, equal to line 4 If Line 4 is < Lower Dead band, equal to line 14 If Line 4 is > Upper Dead band, equal to line 13		1.0143	
	Calculation of Benefit / (Shortfall):			
6	Total Cost of Gas 12 months Ended August XX		$110,000,000	
7	(Line 5 above) -------------------------------- Fixed Factor of Adjustment (Line 13 Below)	1.0143 ---------- 1.0172	0.997149	
8	Net Adjusted Commodity Cost of Gas (Line 6 x Line 7)		$109,686,390	
9	SPA Dollars to (Credit) / Charge Customers through MGA (Line 8 - Line 6)		($313,610)	
10	Forecasted Firm Sales (SC Nos. 1, 2, and 6) (Ccf) for 12 ME Dec 20XX		196,770,000	Ccf
11	SPA Mechanism Rate ($/Ccf) in Monthly Gas Adjustment		($0.00159)	

** The Fixed FOA for purposes of calculating incentives / penalties based on 1.693% losses equals:

12 $$\frac{100.0}{(100.0 - 1.693)} = \frac{100.0}{98.307} = 1.0172$$

** The maximum "FOA Before Adjustment" based on 2.415% losses equals:

13 $$\frac{100.0}{(100.0 - 2.415)} = \frac{100.0}{97.585} = 1.0247$$

** The minimum "FOA Before Adjustment" based on 0.971% losses equals:

14 $$\frac{100.0}{(100.0 - 0.971)} = \frac{100.0}{99.029} = 1.0098$$

Note: The Company will recalculate the dead band based on the five year period: 12 ME Aug 14 to Aug 18 prior to the effective date of rates in this proceeding. This deadband will be recalculated every year.
The Fixed FOA will be reset when rates become effective in this proceeding and every November 1 thereafter based on the average of the actual FOAs for the previous five twelve-month periods ended August 31.

Appendix 10
Schedule 4

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Examples of Incentives/Penalties and SPA Mechanism At Various Actual Factor of Adjustments

		Actual FOA Below Dead band	**Actual FOA Between Minimum FOA and Fixed FOA**	**Actual FOA Between Fixed FOA and Maximum FOA**	**Actual FOA Above Dead band**
1	Actual Line Loss Factor	0.762%	1.414%	2.027%	2.560%
2	Actual Factor of Adjustment	1.0077	1.0143	1.0207	1.0263
3	Lower Dead Band	1.0098	1.0098	1.0098	1.0098
4	Upper Dead Band	1.0247	1.0247	1.0247	1.0247
5	Adjustment to Cost of Gas Formula for Line Loss Incentive Penalty Applied to GSC	= 1.0098 / 1.0077	= 1.0151 / 1.0151	= 1.0207 / 1.0207	= 1.0247 / 1.0263
6	Adjustment to Cost of Gas for Line Loss Incentive Penalty Applied to GSC	1.002084	1.000000	1.000000	0.998441
7	Actual Cost of Gas	$110,000,000	$110,000,000	$110,000,000	$110,000,000
8	Cost of Gas Adjustment Factor for Line Loss Incentive / Penalty Applied to GSC	1.00208	1.00000	1.00000	0.99844
9	Net Adjusted Cost of Gas for Line Loss Incentive / Penalty Applied to GSC	$110,229,240	$110,000,000	$110,000,000	$109,828,510
10	Company Benefit / (Penalty) Due to Line Losses Applied to GSC	$229,240	$0	$0	($171,490)
11	Adjustment to Cost of Gas Formula for Line Loss Incentive Penalty Applied to MGA	= 1.0098 / 1.0172	= 1.0151 / 1.0172	= 1.0207 / 1.0172	= 1.0247 / 1.0172
12	Adjustment to Cost of Gas for Line Loss Incentive Penalty Applied to MGA	0.992725	0.997149	1.003441	1.007373
13	Net Adjusted Cost of Gas for Line Loss Incentive / Penalty Applied to MGA	$109,199,750	$109,686,390	$110,378,510	$110,811,030
14	SPA Dollars to (Credit) / Charge Customers through MGA	($800,250)	($313,610)	$378,510	$811,030

Note: The Company will recalculate the dead band based on the five year period: 12 ME Aug 14 to Aug 18 prior to the effective date of rates in this proceeding. This deadband will be recalculated every year.

The Fixed FOA will be reset when rates become effective in this proceeding and every November 1 thereafter based on the average of the actual FOAs for the previous five twelve-month periods ended August 31.

ORANGE & ROCKLAND UTILITIES

AVERAGE SERVICE LIVES, NET SALVAGE
ANNUAL DEPRECIATION RATES AND LIFE TABLES

PSC ACCT NUMBER	ACCOUNT DESCRIPTION	LIFE TABLE	A S L	NET SALVAGE %	ANNUAL RATE %
ELECTRIC PLANT					
INTANGIBLE PLANT					
303100	WMS SOFTWARE	(A)	5	-	20.00
303110	DISTRIBUTION MANAGEMENT SYSTEM	(A)	5	-	20.00
303120	DISTRIBUTION ENGINEERING SYSTEM (DEW)	(A)	5	-	20.00
303130	STRAY VOLTAGE SYSTEM	(A)	5	-	20.00
303140	OUTAGE MANAGEMENT SYSTEM (OMS)	(A)	5	-	20.00
303150	WEB WMS PHASE 1	(A)	5	-	20.00
303170	2009 ELECTRIC SOFTWARE ADDITIONS	(A)	5	-	20.00
303190	2011 ELECTRIC SOFTWARE	(A)	5	-	20.00
303830	MUNICIPAL ST. LT	(B)	5	-	20.00
303840	OUTAGE MGMT PH II	(B)	5	-	20.00
303850	OMS 2014 UPGRADE	(B)	5	-	20.00
303870	EIMS 2014	(B)	5	-	20.00
303890	2014 NUCON DG	(B)	5	-	20.00
303900	ARCOS CREW MANAG	(B)	5	-	20.00
303920	STORM OUTAGE DASHBOARD	(B)	5	-	20.00
303940	SOFTWARE 5 YEARS	(B)	5	-	20.00
TRANSMISSION PLANT					
350000	LAND-EASEMENTS	S3	70	-	1.43
350100	LAND AND LAND RIGHTS	-	-	-	-
351000	ENERGY STORAGE EQUIPMENT TRANS	S2.5	15	-	6.67
352000	STRUCTURES AND IMPROVEMENTS	R1.5	65	(10)	1.69
353000	STATION EQUIPMENT	S0	45	(15)	2.56
354000	TOWERS AND FIXTURES	R4	70	(30)	1.86
355000	POLES AND FIXTURES-WOOD	R3	55	(30)	2.36
355100	POLES AND FIXTURES-STEEL	R3	55	(30)	2.36
356000	OVERHEAD CONDUCTORS & DEVICES	R1	67	(10)	1.64
356100	OVERHEAD COND & DEVICES-CLEARING	R1	67	(10)	1.64
357000	UNDERGROUND CONDUIT	R3	45	-	2.22
358000	UNDERGROUND COND AND DEVICES	S3	35	-	2.86
359000	ROADS AND TRAILS	R4	70	-	1.43
DISTRIBUTION PLANT					
360000	LAND-EASEMENTS	S3	70	-	1.43
360100	LAND AND LAND RIGHTS-FEE	-	-	-	-
361000	STRUCTURES AND IMPROVEMENTS	R3	55	(15)	2.09
362000	STATION EQUIPMENT	S0	45	(10)	2.44
363000	ENERGY STORAGE EQUIPMENT DIST	S2.5	15	-	6.67
364000	POLES,TOWERS, AND FIXTURES	R0.5	60	(95)	3.25
365000	OVERHEAD CONDUCTOR AND DEVICES	R1.5	70	(85)	2.64
365100	O/H COND AND DEVICES-CAPACITORS	R1	30	(25)	4.17
366000	UNDERGROUND CONDUIT	R3	75	(30)	1.73
367000	UNDERGROUND CONDUCTOR & DEVICES	R4	60	(30)	2.17
367100	U.G. COND. & DEVICES - CABLE CURE	(A)	-	-	-
368100	LINE TRANSFORMERS-OVERHEAD	R0.5	45	(15)	2.56
368200	LINE TRANSFORMERS-O/H INSTALLS	R0.5	45	(15)	2.56
368300	LINE TRANSFORMERS-UNDERGROUND	R0.5	45	(15)	2.56
368400	LINE TRANSFORMERS-U/G INSTALLS	R0.5	45	(15)	2.56
369100	SERVICES-OVERHEAD	R3	65	(95)	3.00
369200	SERVICES-UNDERGROUND	R3	70	(95)	2.79
370100	METERS - ELECTRO-MECHANICAL	L0	25	-	4.00
370110	METERS - SOLID-STATE	S2.5	20	-	5.00
370120	METERS - AMI METERS	S2	20	-	5.00
370150	METERS - UNRECOVERED EM PURCHASES	(D)			
370160	METERS - UNRECOVERED SS PURCHASES	(D)			
370200	METER INSTALLATIONS - ELECTRO-MECHANICAL	L0	25	-	4.00
370210	METER INSTALLATIONS - SOLID-STATE	S2.5	20	-	5.00
370220	METER INSTALLATIONS - AMI	S2	20	-	5.00
370250	METERS - UNRECOVERED EM INSTALL	(D)			
370260	METERS - UNRECOVERED SS INSTALL	(D)			
371000	INSTALLATION ON CUSTOMER PREMISES	R3	50	-	2.00
371100	PALISADES MALL METERING	(A)	-	-	-
373100	STREET LIGHTS-OVERHEAD	R0.5	40	(50)	3.75
373200	STREET LIGHTS-UNDERGROUND	R0.5	40	(50)	3.75

ORANGE & ROCKLAND UTILITIES
AVERAGE SERVICE LIVES, NET SALVAGE
ANNUAL DEPRECIATION RATES AND LIFE TABLES

PSC ACCT NUMBER	ACCOUNT DESCRIPTION	LIFE TABLE	A S L	NET SALVAGE %	ANNUAL RATE %
ELECTRIC PLANT					
GENERAL PLANT					
389100	LAND AND RIGHTS - FEE	-	-	-	-
390000	STRUCTURES AND IMPROVEMENTS	S0	45	(40)	3.11
391100	OFFICE FURN/EQUIP-FURNITURE	(B)	20	-	5.00
391200	OFFICE FURN/EQUIP-OFFICE MACHINES	(B)	15	-	6.67
391700	OFFICE FURN/EQUIP-P/C EQUIPMENT	(B)	8	-	12.50
391800	OFFICE FURN/EQUIP-E.C.C.	(B)	13	-	7.69
392100	TRANSP EQUIP-PASSENGER CARS	S1.5	12	10	7.50
392200	TRANSP EQUIP-LIGHT TRUCKS	S1.5	9	10	10.00
392300	TRANSP EQUIP-HEAVY TRUCKS	S3	13	5	7.31
392400	TRANSP EQUIP-TRAILERS/TRAILER MTD EQ.	S3	12	5	7.92
393000	STORES EQUIPMENT	(B)	20	-	5.00
394000	TOOLS, SHOP AND WORK EQUIPMENT	(B)	20	-	5.00
395000	LABORATORY EQUIPMENT	(B)	20	-	5.00
396000	POWER OPERATED EQUIPMENT	R3	18	15	4.72
396100	POWER OPERATED EQ - NON FLEET	R3	18	15	4.72
397000	COMMUNICATION EQUIPMENT	(B)	15	-	6.67
397100	COMMUNICATION EQUIPT-TELE SYSTEM COMPUTER	(B)	15	-	6.67
398000	MISCELLANEOUS EQUIPMENT	(B)	20	-	5.00
PLANT HELD FOR FUTURE USE - TRANSMISSION					
350009	LAND AND LAND RIGHTS-EASEMENTS	S3	70	-	1.43
355179	POLES AND FIXTURES - STEEL - FUTURE USE - DEFERRED	-	-	-	-
356079	OH CONDUCTORS AND DEVICES - FUTURE USE - DEFERRED				
PLANT HELD FOR FUTURE USE - DISTRIBUTION					
360009	LAND AND LAND RIGHTS-EASEMENTS	S3	70	-	1.43
360109	LAND AND LAND RIGHTS-EASEMENTS	-	-	-	-

ORANGE & ROCKLAND UTILITIES
AVERAGE SERVICE LIVES, NET SALVAGE
ANNUAL DEPRECIATION RATES AND LIFE TABLES

PSC ACCT NUMBER	ACCOUNT DESCRIPTION	LIFE TABLE	A S L	NET SALVAGE %	ANNUAL RATE %
COMMON PLANT					
INTANGIBLE PLANT					
301000	ORGANIZING	-	-	-	-
303180	2011 COMMON SOFTWARE ADDITION	(A)	5	-	20.00
303200	MAPPING SOFTWARE	(A)	5	-	20.00
303310	EZ VMS SYSTEM	(A)	5	-	20.00
303320	PEOPLESOFT HR/PR SYSTEM	(B)	15	-	6.67
303330	PROJECT ONE- GL	(B)	15	-	6.67
303400	CIMS SYSTEM SOFTWARE	(A)	15	-	6.67
303401	CIMS SYSTEM SOFTWARE UPGRADE	(B)	5	-	20.00
303410	CUSTOMER BILLING SYSTEM	(A)	15	-	6.67
303500	PLUS SYSTEM SOFTWARE	(A)	5	-	20.00
303510	POWERPLAN SOFTWARE	(B)	15	-	6.67
303600	WALKER SYSTEM SOFTWARE	(A)	5	-	20.00
303700	BUDGET SYSTEM SOFTWARE	(A)	5	-	20.00
303800	RETAIL ACCESS SOFTWARE	(A)	5	-	20.00
303810	RETAIL ACCESS SOFTWARE PHASE 4	(A)	5	-	20.00
303840	FIELD ORDER ROUTE DESIGN SYSTEM	(A)	5	-	20.00
303900	NEW BUS PROJ MGMT	(A)	5	-	20.00
303910	NEW CONSTRUCTION SERVICES (NUCON)	(A)	5	-	20.00
303911	NUCON ENHANCEMENT	(B)	5	-	20.00
303920	ROPES	(B)	5	-	20.00
303930	STORM COMMUNICATION	(B)	5	-	20.00
303940	COMMON SOFTWARE 5 YEARS	(B)	5	-	20.00
303941	COMMON SOFTWARE 15 YEARS	(B)	15		6.67
303950	PHONE APP	(B)	5	-	20.00
303960	RETAIL ACCESS 2015	(B)	5	-	20.00
303970	ROUTE SMART	(B)	5	-	20.00
303980	EPMS	(B)	5	-	20.00
303990	WEDSITE REDESIGN	(B)	5	-	20.00
303991	AMI SOFTWARE	(B)	20	-	5.00
303992	CUSTOMER OUTAGE COMMUNICATION	(B)	5	-	20.00
303993	FLEET MANAGEMENT	(B)	5	-	20.00
303994	PI 360	(B)	5	-	20.00
303995	PRIMATE SITUATIONAL AWARENESS	(B)	5	-	20.00
GENERAL PLANT EQUIPMENT					
389000	LAND-EASEMENTS	R3	50	-	2.00
389100	LAND AND LAND RIGHTS -FEES	-	-	-	-
390000	STRUCTURES AND IMPROVEMENTS	S0	45	(40)	3.11
390100	LEASEHOLD IMPROVEMENTS-BLUE HILL	(C)	-	-	-
391100	OFFICE FURN/EQUIP-FURNITURE	(B)	20	-	5.00
391200	OFFICE FURN/EQUIP-OFFICE MACHINES	(B)	15	-	6.67
391300	OFFICE FURN/EQUIP-CASH EQUIPMENT	(B)	8	-	12.50
391700	OFFICE FURN/EQUIP-P/C EQUIPMENT	(B)	8	-	12.50
391710	OFFICE FURN/EQUIP-NON P/C EQUIPMENT	(B)	8	-	12.50
392100	TRANSP EQUIP-PASSENGER CARS	S1.5	12	10	7.50
392200	TRANSP EQUIP-LIGHT TRUCKS	S1.5	9	10	10.00
392300	TRANSP EQUIP-HEAVY TRUCKS	S3	13	5	7.31
392400	TRANSP EQUIP-TRAILERS/TRAILER MTD EQ.	S3	12	5	7.92
393000	STORES EQUIPMENT	(B)	20	-	5.00
394000	TOOLS, SHOP AND WORK EQUIPMENT	(B)	20	-	5.00
394200	GARAGE EQUIPMENT	(B)	20	-	5.00
395000	LABORATORY EQUIPMENT	(B)	20	-	5.00
396000	POWER OPERATED EQUIPMENT	R3	18	15	4.72
396100	POWER OPERATED EQ. - NON FLEET	R3	18	15	4.72
397000	COMMUNICATION EQUIPMENT	(B)	15	-	6.67
397100	COMMUNICATION EQ.-TELE SYS COMPUTER	(B)	15	-	6.67
397200	COMMUNICATION EQ.-TELE SYS EQPT	(B)	15	-	6.67
398000	MISCELLANEOUS EQUIPMENT	(B)	20	-	5.00

ORANGE & ROCKLAND UTILITIES
AVERAGE SERVICE LIVES, NET SALVAGE
ANNUAL DEPRECIATION RATES AND LIFE TABLES

PSC ACCT NUMBER	ACCOUNT DESCRIPTION	LIFE TABLE	A S L	NET SALVAGE %	ANNUAL RATE %
GAS PLANT					
TRANSMISSION PLANT					
367002	GAS MAINS STEEL	S1.5	71	(30)	1.83
367322	MAINS - STEEL - STONY POINT	(A)	-	-	-
367502	MAINS - LEDERLE	(A)	-	-	-
DISTRIBUTION PLANT					
374000	LAND & LAND RIGHTS - EASEMENTS	R4	75	-	1.33
374100	LAND & LAND RIGHTS - FEE	-	-	-	-
374200	LAND - FEE - CLEVEPAK	(A)	-	-	-
375000	STRUCTURES & IMPROVEMENTS	R2.5	65	(30)	2.00
375100	ST. & IMPROV. - STONY POINT MAIN	(A)	-	-	-
376000	GAS MAINS PLASTIC	S1.5	71	(30)	1.83
376100	GAS MAINS CAST IRON	S1.5	71	(30)	1.83
376200	MAINS - CLEVEPAK	(A)	-	-	-
376300	GAS MAINS STEEL	S1.5	71	(30)	1.83
376330	MAINS - TRANSCO	(A)	-	-	-
377000	COMPRESSOR STATION EQUIPMENT	L0.5	35	(20)	3.43
378000	MEASURING AND REGULATING EQ.	L0.5	35	(20)	3.43
378100	MEAS. & REG. EQ. - STONY POINT	(A)	-	-	-
378330	MEAS. & REG. EQ. - TRANSCO	(A)	-	-	-
378340	MEAS. & REG. EQ. - TRANSCO ORDER 63	(A)	-	-	-
380000	SERVICES	R3	65	(80)	2.77
381000	METERS	R2	40	-	2.50
381200	METERS - AMI PURCHASE	S2	20	-	5.00
382000	METER INSTALLATIONS	R3	55	(20)	2.18
382200	METER INST. - AMI	S2	20	0	5.00
382400	METER BAR INSTALLATIONS	R3	55	(20)	2.18
383000	HOUSE REGULATORS	R2	40	-	2.50
384000	HOUSE REGULATOR INSTALLATIONS	R3	55	(20)	2.18
385000	INDUSTRIAL MEAS. & REG. EQ.	R5	35	(10)	3.14
385500	IND. MEAS. & REG. EQ. - LEDERLE	(A)	-	-	-
386300	OTHER PROP. ON CUSTS.' PREM.	S3	20	-	5.00
GENERAL PLANT EQUIPMENT					
389100	LAND - FEE	-	-	-	-
390000	STRUCTURES AND IMPROVEMENTS	S0	45	(40)	3.11
391100	OFFICE FURNITURE & EQ. - FURNITURE	(B)	20	-	5.00
391200	OFFICE FURNITURE & EQ. - MACHINES	(B)	15	-	6.67
391700	OFFICE FURNITURE & EQ. - EDP EQ.	(B)	8	-	12.50
392100	TRANSPORTATION EQ. - PASS. CARS	S1.5	12	10	7.50
392200	TRANS. EQ. - LIGHT TRUCKS	S1.5	9	10	10.00
392300	TRANS. EQ. - HEAVY TRUCKS	S3	13	5	7.31
392400	TRANS. - TRAILERS	S3	12	5	7.92
393000	STORES EQUIPMENT	(B)	20	-	5.00
394000	TOOLS & WORK EQUIPMENT	(B)	20	-	5.00
395000	LABORATORY EQUIPMENT	(B)	20	-	5.00
396000	POWER OPERATED EQUIPMENT	R3	18	15	4.72
396100	POWER OPERATED EQUIPMENT - NON FLEET	R3	18	15	4.72
397000	COMMUNICATION EQUIPMENT	(B)	15	-	6.67
397200	COM. EQ. - TELEPHONES	(B)	15	-	6.67
398000	MISCELLANEOUS EQUIPMENT	(B)	20	-	5.00

ORANGE & ROCKLAND UTILITIES

AVERAGE SERVICE LIVES, NET SALVAGE

ANNUAL DEPRECIATION RATES AND LIFE TABLES

PSC ACCT NUMBER	ACCOUNT DESCRIPTION	LIFE TABLE	A S L	NET SALVAGE %	ANNUAL RATE %
INTANGIBLE PLANT					
302100	FRANCHISES AND CONSENTS				
302200	FRANCHISES & CONSENTS - AMORT.	(A)	5	-	20.00
303210	SOFTWARE - ADVANTICA GAS	(A)	5	-	20.00
303220	GMD AND GIMS 2011	(A)	5	-	20.00
303830	GAS INSPECTION MGT. SYSTEM	(A)	5	-	20.00
303850	GAS MOBILE DISPATCH SYSTEM	(A)	5	-	20.00
303880	GIMS - PHASE 2	(A)	5	-	20.00
303890	GMD - PH2 GIMS-PH3	(A)	5	-	20.00
303900	GMD METER ORDERS	(B)	5	-	20.00
303940	GAS SOFTWARE 5 YEARS	(B)	5	-	20.00
NONUTILITY PROPERTY					
304100	LAND & LAND RIGHTS - FEE				
304200	LAND & LAND RIGHTS - EASEMENTSTRUCTURES AND				
304300	STRUCTURES AND IMPROVEMENTS				

(A)	Account is fully recovered
(B)	Amortizable Accounts
(C)	Account is amortizable over the remaining life of the assets.
(D)	Additional accounts are opened to record unrecovered meters. The annual amortization expenses are:

Orange and Rockland
Cases 18-E-0067 and 18-G-0068
Earnings Sharing Partial Year
Stub Period Starting January 1, 2022
(000's)

Assumption: O&R Files for New Gas Rates Effective January 2022,
but Delays Filing for New Electric Rates for Six Months

Month / Year	Electric Operating Income	
January-22	$ 2,416	
February-22	1,489	
March-22	313	
April-22	1,771	
May-22	2,794	
June-22	10,475	
Total		$ 19,258

	Electric Rate Base	
Projected Rate Base at December 31, 2021	$ 950,000	
Projected Rate Base at June 30, 2022	970,000	
Total	1,920,000	
Divided by Two	2	
Average Rate Base During Stub Period	$ 960,000	
x Ratio of operating income for the six months ended June 2021 to operating income for the 12 months ended December 2021	25.2%	
Rate Base Subject to Earnings Test		$ 242,000

Overall Rate of Return ($ 19,258 / $ 242,000)		7.96%
Return on Equity (Page 2)	11.08%	
Earnings Sharing Threshold	9.60%	
Earnings Above / (Under) Threshold	1.48%	
Equity Earnings Base ($ 242,000 x 48.00%)	$ 116,160	
Equity Earnings Above / (Under) Threshold Subject to Sharing ($ 116,160 x 1.48%)	$ 1,710	

Note: the approach illustrated above would also apply to a delay in filing a gas case.

Orange and Rockland
Cases 18-E-0067 and 18-G-0068
Capital Structure & Cost of Money
Stub Period Starting January 1, 2022

	Capital Structure %	Cost Rate %	Cost of Capital %
Long Term Debt	51.28%	5.14%	2.64%
Customer Deposits	0.72%	1.05%	0.01%
Total Debt	52.00%		2.64%
Common Equity	48.00%	11.08%	5.32%
Total	100.00%		7.96%

Orange and Rockland Utilities, Inc.
Cases 18-E-0067 & 18-G-0068

Electric Reliability Performance Mechanism

Operation of Mechanism:

The Reliability Performance Mechanism ("RPM") includes targets for the frequency and duration of electric service interruption, defined as:

1. Customer Average Interruption Duration Index ("CAIDI") – the average interruption duration time (hours) for those customers that experience an interruption during the year.
2. System Average Interruption Frequency Index ("SAIFI") – the average number of times that a customer is interrupted during a year.

The SAIFI and CAIDI performance targets for Orange and Rockland are 1.20 and 1.85, respectively, with negative revenue adjustments of 20 basis points for failure to meet each target on a calendar year basis. These targets are currently in effect and will continue until reset by the Commission.

Exclusions:

The following exclusions are applicable to operating performance under this reliability mechanism.

1. Any outages resulting from a major storm, as defined in 16 NYCRR Part 97.
2. Any incident resulting from a strike or a catastrophic event beyond the control of the Company, including but not limited to a plane crash, water main break, or natural disasters (*e.g.*, hurricanes, floods, earthquakes).
3. Any incident where problems beyond the Company's control involving generation or the

bulk transmission system is the key factor in the outage, including, but not limited to, NYISO mandated load shedding. This criterion is not intended to exclude incidents that occur as a result of unsatisfactory performance by the Company.

Reporting:

The RPM will be measured on a calendar year basis. Accordingly, the results of the performance measurements, as measured during the calendar year 2019, 2020, and 2021, respectively, will be applied to Rate Years 1, 2, and 3, respectively.

The Company will prepare an annual report(s) on its performance under this reliability mechanism. The annual report(s) will be filed by March 31st of each year with the Secretary to the Commission (*e.g.*, the annual report for 2019 shall be due by March 31, 2020). The report(s) will state the following:

1. Company's annual system-wide performance under the RPM and identify whether a revenue adjustment is applicable and, if so, the amount of the revenue adjustment;
2. Whether any exclusions should apply, the basis for requesting each exclusion, and adequate support for all requested exclusions.

Orange and Rockland Utilities, Inc.
Cases 18-G-0068

Gas Safety Performance Metrics

The gas safety performance measures described herein will be in effect for the term of the Gas Rate Plan. All gas safety measures and targets (and associated revenue adjustments)[1] for calendar year 2021 remain in effect thereafter unless and until changed by the Commission.[2]

Negative Revenue Adjustments

1. Leak Management/Emergency Response/Damages

a. Leak Management – Repairable Leaks

If the repairable leak backlog (types 1, 2 and 2A) exceeds the targets set forth below in calendar year 2019, 2020 and 2021, the following negative rate adjustment will apply for each calendar year that the performance measures noted below are not attained.[3]

2019	
Less than or equal to 20	No adjustment
Greater than 20	10 basis points[4]

2020	
Less than or equal to 20	No adjustment
Greater than 20	10 basis points

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[1] Negative revenue adjustments relating to the Gas Safety Performance metrics in this section shall not exceed 150 basis points in RY1, RY2 or RY3.

[2] The 66 mile replacement target established below, for the three-year period 2019 to 2021, does not remain in effect beyond 2021. However, the 20 miles of main removal per year will remain in effect beyond 2021, unless and until changed by the Commission.

[3] Only "successful elimination" of a leak will be considered a valid leak repair.

[4] The basis point negative rate adjustment associated with each measure is stated on a pre-tax basis. The revenue requirement equivalents of a ten basis point on common equity capital per the gas revenue requirements under this Proposal are estimated to be approximately $0.301 million in RY1, $0.316 million in RY2 and $0.330 million in RY3.

2021

Less than or equal to 20	No adjustment
Greater than 20	10 basis points

Orange and Rockland will be recognized as having met the leak backlog targets if they are achieved between December 21, and December 31 in RY1, RY2 and RY3.

b. Leak Management - Year-End Total Backlog

If the year-end total leak backlog (types 1, 2, 2A and 3) exceeds the targets set forth below in calendar year 2019, 2020 and 2021, the following negative rate adjustment will apply for each calendar year that the performance measures noted below are not attained.[5]

2019

Less than or equal to 50	No adjustment
Greater than 50	5 basis points

2020

Less than or equal to 50	No adjustment
Greater than 50	5 basis points

2021

Less than or equal to 50	No adjustment
Greater than 50	5 basis points

c. Emergency Response - 30 Minute Response Time

If Orange and Rockland does not respond to gas leak or odor calls within 30 minutes for at least 75 percent of the calls for calendar years 2019, 2020 and 2021, a negative rate adjustment of twelve basis points will apply for each calendar year that the performance measures are not attained.

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[5] Only "successful elimination" of a leak will be considered a valid leak repair. In addition, the Company will recheck Type 3 leaks.

The Company may seek the following exclusion to operating performance under this measure:

> Gas leak and odor calls resulting from mass area odor complaints, major weather related occurrences, and major equipment failure.

Orange and Rockland shall provide notification to safety@dps.ny.gov within seven days of such event that the Company is seeking Staff's consent to the exclusion. Staff will respond whether it consents or does not consent to the requested exclusion.[6] The Company may proceed with filing its request for an exclusion if it has not received a response from Staff within 90 days.

d. Emergency Response - 45 Minute Response Time

If Orange and Rockland does not respond to gas leak or odor calls within 45 minutes for at least 90 percent of the calls for calendar years 2019, 2020 and 2021, a negative rate adjustment of eight basis points will apply for each calendar year that the performance measures are not attained.

e. Emergency Response - 60 Minute Response Time

If Orange and Rockland does not respond to gas leak or odor calls within 60 minutes for at least 95 percent of the calls for calendar years 2019, 2020 and 2021, a negative rate adjustment of five basis points will apply for each calendar year that the performance measures are not attained.

f. Damage Prevention

All damages will be tracked, measured and counted following the guidelines for the data reported for the Annual Gas Safety Performance Measures report. Hand damages where notification has been provided will be included in this measure.

If the number of total damages to Company gas facilities made by any party exceeds the targets set forth below per 1,000 one-call tickets in calendar year 2019, 2020 and 2021, the negative

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[6] This exclusion, as well as the right to petition the Commission pursuant to the General Provisions section below, also applies to the 45-Minute Response Time and 60-Minute Response Time measures.

rate adjustment associated with such target will apply for each calendar year that the performance measure noted below is not attained.[7]

2019

Greater than 1.70 but less than or equal to 2.20	No adjustment
greater than 2.20 but less than or equal to 2.45	5 basis points
greater than 2.45 but less than or equal to 2.70	10 basis points
greater than 2.70	20 basis points

2020

Greater than 1.60 but less than or equal to 2.10	No adjustment
greater than 2.10 but less than or equal to 2.35	5 basis points
greater than 2.35 but less than or equal to 2.60	10 basis points
greater than 2.60	20 basis points

2021

Greater than 1.50 but less than or equal to 2.00	No adjustment
greater than 2.00 but less than or equal to 2.25	5 basis points
greater than 2.25 but less than or equal to 2.50	10 basis points
greater than 2.50	20 basis points

2. **Gas Main Replacement**

The Company will remove from service a minimum of 66 miles of leak-prone gas main[8] during the three calendar year period 2019 to 2021. The Gas Rate Plan establishes minimum replacement targets of 20 miles in 2019, 20 miles in 2020 and 20 miles in 2021. Following the term of the Gas Rate Plan, a minimum of 20 miles of leak-prone gas main will be replaced each year.

If the Company does not meet the annual 20-mile minimum for removal of leak-prone gas main in 2019, 2020 or 2021, the Company will be subject to a negative revenue adjustment

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[7] Orange and Rockland will have the option to average the current year and prior year total damage number to calculate the total damages number used to establish the Company's performance for 2019, 2020 and 2021. (*e.g.*, if this option is exercised, the total damage performance for Orange and Rockland in 2019 would be the average of the Company's total damage performance for 2018 and 2019).

[8] Bare steel and aldyl plastic will be considered for this measure. The Company may count ineffectively coated steel that is in the top 5% riskiest pipe for that year, or identified as leak-prone pipe through the 1962-1971 Coated Steel Pipe Assessment Program.

equivalent to: fifteen basis points for failing to meet the minimum in 2019 and/or 2020; and seven and a half basis points for failing to meet the minimum in 2021. If the Company does not remove from service a total of 66 miles of leak-prone pipe over the three-year period, the Company will be subject to a negative rate adjustment equivalent to seven and half basis points.

The Company will perform a study to examine coated steel pipe installed between 1962 and 1971 (“Coated Steel Pipe Assessment Program”) to determine whether and how much of this pipe should be categorized as leak-prone pipe for purposes of meeting the targets established herein under the Gas Main Replacement Program. By December 31, 2019, the Company will submit to Staff the results of the Coated Steel Pipe Assessment Program, which will establish criteria for including coated steel pipe installed between 1962 and 1971 in the Gas Main Replacement Program. The Company will apply this criteria to any coated steel pipe installed between 1962 and 1971 that is removed during 2019, 2020 and 2021.

3. **Gas Regulations Performance Measure**

This metric applies to instances of non-compliance (violations) with the gas safety regulations set forth below that are identified during Staff field and records audits. The categorization of violations hereunder as “High” or “Other” Risk is for administrative purposes of this metric only and do not constitute an admission by the Company as to the level of risk associated with any such regulation or the violation thereunder or that there is any risk associated with a violation.

Only violations identified and included in Staff field and record audit letters may be counted for purposes of this metric. The audit letters cite violations as, for example, “1 violation, ten occurrences,” which means one code section has been violated ten times. For the Gas Regulations Performance Measure, this example constitutes ten violations (the number of occurrences is the number of violations).

At the conclusion of each audit, Staff and the Company will have a compliance meeting at which Staff will present its findings to the Company, including which violation(s), if any, that Staff recommends be subject to this metric. The Company will have five business days from the date of the compliance meeting to cure any identified document deficiency. Only official Company records, as defined in the Company's Operating and Maintenance plan, will be considered by Staff as a cure to a document deficiency. In addition, if the Company is found to be in violation of its work procedure, but the work procedure exceeds Code 255 or 261, and the Company is not in violation of the Code requirement, the violation will not be subject to a negative revenue adjustment under this this Safety Violation metric.

Negative revenue adjustments, if any, would be applied as set forth in the following charts:

High Risk **Records** Audit	Other Risk **Records** Audit
Threshold - 0-5 (0 BP) for RY1, RY2, and RY3 RY1 – 6-20 (1/2 BP); 21+ (1 BP) RY2 – 6-20 (1/2 BP); 21+ (1 BP) RY3 – 6-20 (1/2 BP); 21+ (1 BP)	Threshold - 0-15 (0 BP) for RY1, RY2, and RY3 RY1 – 16+ (1/4 BP) RY2 – 16+ (1/4 BP) RY3 – 16+ (1/4 BP)

High Risk **Field** Audit	Other Risk **Field** Audit
RY1 – 1-20 (1/2 BP); 21+ (1 BP) RY2 – 1-20 (1/2 BP); 21+ (1 BP) RY3 – 1-20 (1/2 BP); 21+ (1 BP)	RY1 – 1+ (1/4 BP) RY2 – 1+ (1/4 BP) RY3 – 1+ (1/4 BP)

Any negative revenue adjustments assessed under this metric shall not exceed 75 basis points for 2019, 2020 and 2021 and subsequent calendar years, until changed by the Commission. For any code section, the number of violations will be capped at ten for the negative revenue adjustment determination, for both field and record audits, with the requirement that violations in excess of ten be addressed by a corrective action plan formally submitted to Staff by the Company to achieve compliance going forward. If the corrective action plan is not adhered to, the negative revenue adjustment associated with the violations will be applied. The corrective action plan will be provided in the Company's response to the audit letter.

This metric will be effective as of January 1, 2019 and will be measured on a calendar year basis. For **Field Audits**, only actions performed or required to be performed in the year that the Field Audit is conducted may constitute an occurrence under this metric (*e.g.*, violations arising from 2019 Field Audit findings would count towards any applicable Rate Year 1 (2019) Negative Revenue Adjustments). For **Record Audits**, only documentation required to be performed during the calendar year prior to the year in which the Record Audit is conducted may constitute an occurrence under this metric (*e.g.*, violations arising from 2021 Record Audit findings for activities performed or not performed in 2020 would count towards any applicable Rate Year 2 (2020) Negative Revenue Adjustments).

Staff will submit its final audit reports to the Secretary under Case 18-G-0068. If the Company disputes any of Staff's final audit results, or elects to seek exclusions based on extenuating circumstances, the Company may appeal Staff's finding to the Commission. The Company will include in any such petition a remediation plan addressing such violations. If the Company elects to dispute any of Staff's findings, the Company will not incur a negative revenue adjustment on those Staff findings until such time as the Commission has issued a final decision on the Company's appeal. Upon Company request, the Commission may in its discretion, provide the Company with an evidentiary hearing prior to any final determination. The Company does not waive its right to seek judicial appeal of any Commission determination regarding a violation or penalty under applicable law.

Positive Rate Adjustments

1. Leak Management/Main Replacement/Emergency Response/Damage Protection

a. Leak Management – Year-End Total Backlog

a. Leak Management - Year-End Total Backlog

If the Company successfully reduces the year-end total leak backlog (types 1, 2, 2A and 3) to the targets set forth below in calendar year 2019, 2020 and/or 2021, the Company will receive the following positive rate adjustment for Rate Year 2019, Rate Year 2020 and/or Rate Year 2021, as applicable, up to the following annual maximum amounts.[9]

Basis Points Incentive if Year-End Total Leak Backlog Is:		
2 BP	4 BP	6 BP
11 to 20	1 to 10	0

b. Gas Main Replacement

In the event the Company replaces or eliminates leak-prone pipe[10] in excess of 22 miles in Rate Year 2019, Rate Year 2020, and/or Rate Year 2021, for each whole mile in excess of 23 miles, the Company shall receive a positive revenue adjustment of 2 basis points per additional whole mile, capped at a maximum of 10 basis points (five miles) per calendar year. The Table below

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[9] Only "successful elimination" of a leak will be considered a valid leak repair. In addition, the Company will recheck Type 3 leaks.

[10] Bare steel and aldyl plastic will be considered for this measure. The Company may count ineffectively coated steel that is in the top 5% riskiest pipe for that year, or identified as leak-prone pipe through the 1962-1971 Coated Steel Pipe Assessment Program.

shows the basis points available for different mileages of leak-prone pipe replaced for Rate Year 2019, Rate Year 2020 and Rate Year 2021.

Basis Points Incentive if the Miles of LPP Replacement Is:				
2 BP	4 BP	6 BP	8 BP	10 BP
24 to <25	25 to <26	26 to <27	27 to <28	≥ 28

c. Emergency Response - 30 Minute Response Time

If Orange and Rockland responds to gas leak or odor calls within 30 minutes for at least 90 percent of the calls for calendar years 2019, 2020 and/or 2021 the Company shall receive for the applicable year(s) a positive revenue adjustment of 2 basis points for each percentage increase of 2 percent, capped at a maximum of 6 basis points. The Table below shows the basis points available for different response time performance for Rate Year 2019, Rate Year 2020 and Rate Year 2021.

Basis Points Incentive if Emergency Response – 30 Minute Percentage Is:		
2 BP	4 BP	6 BP
90% to <92%	≥92% to <94%	≥ 94%

d. Damage Prevention

If the Company successfully reduces the number of total damages to Company gas facilities made by any party by the targets set forth below per 1,000 one-call tickets in calendar year 2019, 2020 and/or 2021, the Company shall receive for the applicable year(s) a positive revenue adjustment. The Table below shows the basis points available for damage prevention performance for Rate Year 2019, Rate Year 2020 and Rate Year 2021.

Rate Year	Basis Points Incentive if Total Damages per 1000 one-call Tickets Is:	
2019	5 BP	10 BP
	>1.45 to ≤1.70	≤1.45

2020	5 BP	10 BP
	>1.35 to ≤1.60	≤ 1.35
2021	5 BP	10 BP
	>1.25 to ≤1.50	≤1.25

General Provisions

The Company will report its annual performance in each of the areas set forth in this Appendix to the Secretary no later than 60 days following the end of each calendar year. If a performance metric is not met, the associated negative revenue adjustment will be excused when the Company can demonstrate to the Commission extenuating circumstances that prevented the Company from meeting such performance metric. The determination of whether such circumstances exist will be made on a case-by-case basis by the Commission. The Company does not waive its right to seek judicial appeal of any Commission determination regarding a violation or penalty under applicable law.

With respect to leak-prone pipe replacement, the report shall include material type, mileage, project location, and a summary noting the totals of aldyl plastic, bare steel and ineffectively coated steel that were replaced and what percentage of pipe replaced, in that year, was in the top 5% of riskiest pipe at the start of the calendar year, per the Company's model.

The Company will provide, to pipeline safety staff, a list of the top 5% riskiest pipe yet to be replaced at the start of each calendar year. For any pipe on the list for the calendar year that the Company does not plan to replace in that calendar year, the Company will provide a brief explanation. Along with the list, the Company will identify any riskiest pipe on the preceding calendar year's list that was not replaced as planned.

TABLE 1

Cases 18-G-0068 - O&R - Pipeline Safety Measures

Pipeline Safety Measures	Criteria	Unit	NRA (BPs)	PRA (BPs)	CY 2019 Target	NRA (BPs)	PRA (BPs)	CY 2020 Target	NRA (BPs)	PRA (BPs)	CY 2021 Target	NRA (BPs)	PRA (BPs)	Beyond 2021 Target
Leak Backlog or Management [1-2]	Total: Type 1, 2A, 2, and 3	Leaks	5	-	> 50	5	-	> 50	5	-	> 50	5	-	> 50
	Repairable: Type 1, 2A, and 2	Leaks	10	-	> 20	10	-	> 20	10	-	> 20	10	-	> 20
	Total: Type 1, 2A, 2, and 3	Leaks	-	2	11 to 20	-	2	11 to 20	-	2	11 to 20	-	2	11 to 20
	Total: Type 1, 2A, 2, and 3	Leaks	-	4	1 to 10	-	4	1 to 10	-	4	1 to 10	-	4	1 to 10
	Total: Type 1, 2A, 2, and 3	Leaks	-	6	0	-	6	0	-	6	0	-	6	0
	(1) O&R will be recognized as having met the leak backlog targets if they are achieved between December 21, and December 31. (2) Only "successful elimination" of a leak will be considered a valid leak repair and rechecks are required for Type 3 leaks.													
Leak Prone Pipe (LPP)[3-5]	Removal Target [3]	Miles	15	-	< 20	15	-	< 20	7.5	-	< 20 [5]	15	-	< 20
	Removal Target [3]	Miles	-	2	24 to 25	-	2	24 to 25	-	2	24 to 25	-	2	24 to 25
	Removal Target [3]	Miles	-	4	25 to 26	-	4	25 to 26	-	4	25 to 26	-	4	25 to 26
	Removal Target [3]	Miles	-	6	26 to 27	-	6	26 to 27	-	6	26 to 27	-	6	26 to 27
	Removal Target [3]	Miles	-	8	27 to 28	-	8	27 to 28	-	8	27 to 28	-	8	27 to 28
	Removal Target [3]	Miles	-	10	≥ 28	-	10	≥ 28	-	10	≥ 28	-	10	≥ 28
	(3) All leak prone services are to be removed in conjunction with this LPP program.													
	(4) Annual reporting on the progress of LPP removal is to be submitted by O&R. Inspections should be commensurate with that of the level of leak prone pipe removal. Bare steel, and aldyl-a plastic will be considered for this measure. Ineffectively coated steel allowed if in top 5% riskiest for that year, or identified as LPP through 1962-1971 Coated Steel Pipe Assessment Program.													
	(5) 3-year cumulative target of 66-miles. If not met, an NRA of 7.5 BPs would be applied.													
Emergency Response [6]	Respond within 30 minutes	%	12	-	75	12	-	75	12	-	75	12	-	75
	Respond within 45 minutes	%	8	-	90	8	-	90	8	-	90	8	-	90
	Respond within 60 minutes	%	5	-	95	5	-	95	5	-	95	5	-	95
	Respond within 30 minutes	%	-	2	90 to 92	-	2	90 to 92	-	2	90 to 92	-	2	90 to 92
	Respond within 30 minutes	%	-	4	92 to 94	-	4	92 to 94	-	4	92 to 94	-	4	92 to 94
	Respond within 30 minutes	%	-	6	≥ 94	-	6	≥ 94	-	6	≥ 94	-	6	≥ 94
	(6) Any reports resulting from mass area complaints, major weather-related occurrences, or major equipment failure may be excluded from these counts pending prior Staff approval. Exclusions are considered on a case-by-case basis, must be made via email or in writing, and shall be requested within seven days of such an occurrence.													
Violations or Non-Compliances [7]	Record Audits: High Risk	Per	1	-	> 20	1	-	> 20	1	-	> 20	1	-	> 20
	Record Audits: High Risk	Per	1/2	-	6 to 20	1/2	-	6 to 20	1/2	-	6 to 20	1/2	-	6 to 20
	Record Audits: High Risk	Per	-	-	0 to 5	-	-	0 to 5	-	-	0 to 5	-	-	0 to 5
	Record Audits: Other Risk	Per	1/4	-	> 15	1/4	-	> 15	1/4	-	> 15	1/4	-	> 15
	Record Audits: Other Risk	Per	-	-	0 to 15	-	-	0 to 15	-	-	0 to 15	-	-	0 to 15
	Field Audits: High Risk	Per	1	-	> 20	1	-	> 20	1	-	> 20	1	-	> 20
	Field Audits: High Risk	Per	1/2	-	1 to 20	1/2	-	1 to 20	1/2	-	1 to 20	1/2	-	1 to 20
	Field Audits: Other Risk	Per	1/4	-	All	1/4	-	All	1/4	-	All	1/4	-	All
	(7) Reduced negative revenue adjustment exposure from 100 to 75 BPs. Caps of 10 for record and field audit violations of a single regulation annually. Remediation plans to be filed and adhered to for instances where there are 10 or more violations for a single regulation. If plans not adhered to, NRAs are applied.													
Damage Prevention [8] (per 1,000 one-call tickets)	Total: No Calls, Excavator Error, Company and Company Contractor Error, and Mismarks	Rate	20	-	> 2.70	20	-	> 2.60	20	-	> 2.50	20	-	> 2.50
		Rate	10	-	> 2.45 to ≤ 2.70	10	-	> 2.35 to ≤ 2.60	10	-	> 2.25 to ≤ 2.50	10	-	> 2.25 to ≤ 2.50
		Rate	5	-	> 2.20 to ≤ 2.45	5	-	> 2.10 to ≤ 2.35	5	-	> 2.00 to ≤ 2.25	5	-	> 2.00 to ≤ 2.25
		Rate	-	-	> 1.70 to ≤ 2.20	-	-	> 1.60 to ≤ 2.10	-	-	> 1.50 to ≤ 2.00	-	-	> 1.50 to ≤ 2.00
		Rate	-	5	> 1.45 to ≤ 1.70	-	5	> 1.35 to ≤ 1.60	-	5	> 1.25 to ≤ 1.50	-	5	> 1.25 to ≤ 1.50
		Rate	-	10	≤ 1.45	-	10	≤ 1.35	-	10	≤ 1.25	-	10	≤ 1.25
	(8) Reporting of damage data shall be in compliance with December 11, 2015, guidance. Hand damages where notification has been provided will be included in this measure.													
Total Exposure			150	32		150	32		150	32		150	32	

Appendix 14

HIGH RISK SECTIONS PART 255

ACTIVITY TITLE	CODE SECTION	RISK FACTOR
Material - General	255 53(a),(b),(c)	HIGH
Transportation of Pipe	255 65	HIGH
Pipe Design - General	255 103	HIGH
Design of Components - General Requirements	255 143	HIGH
Design of Components - Flexibility	255 159	HIGH
Design of Components - Supports and anchors	255 161	HIGH
Compressor Stations: Emergency shutdown	255 167	HIGH
Compressor Stations: Pressure limiting devices	255 169	HIGH
Compressor Stations: Ventilation	255 173	HIGH
Valves on pipelines to operate at 125 psig or more	255 179	HIGH
Distribution line valves	255 181	HIGH
Vaults: Structural Design requirements	255 183	HIGH
Vaults: Drainage and waterproofing	255 189	HIGH
Protection against accidental overpressuring	255 195	HIGH
Control of the pressure of gas delivered from high pressure distribution systems	255 197	HIGH
Requirements for design of pressure relief and limiting devices	255 199	HIGH
Required capacity of pressure relieving and limiting stations	255 201	HIGH
Qualification of welding procedures	255 225	HIGH
Qualification of Welders	255 227	HIGH
Protection from weather	255 231	HIGH
Miter Joints	255 233	HIGH
Preparation for welding	255 235	HIGH
Inspection and test of welds	255 241(a),(b)	HIGH
Nondestructive testing-Pipeline to operate at 125 PSIG or more	255 243(a)-(e)	HIGH
Welding inspector	255 244(a),(b),(c)	HIGH
Repair or removal of defects	255 245	HIGH
Joining Of Materials Other Than By Welding - General	255 273	HIGH
Joining Of Materials Other Than By Welding - Copper Pipe	255 279	HIGH
Joining Of Materials Other Than By Welding - Plastic Pipe	255 281	HIGH
Plastic pipe: Qualifying persons to make joints	255 285(a),(b),(d)	HIGH
Notification requirements	255 302	HIGH
Compliance with construction standards	255 303	HIGH
Inspection: General	255 305	HIGH
Inspection of materials	255 307	HIGH
Repair of steel pipe	255 309	HIGH
Repair of plastic pipe	255 311	HIGH
Bends and elbows	255 313(a),(b),(c)	HIGH
Wrinkle bends in steel pipe	255 315	HIGH
Installation of plastic pipe	255 321	HIGH
Underground clearance	255 325	HIGH
Customer meters and service regulators: Installation	255 357(d)	HIGH
Service lines: Installation	255 361(e),(f),(g),(h),(i)	HIGH
Service lines: Location of valves	255 365(b)	HIGH
External corrosion control: Buried or submerged pipelines installed after July 31, 1971	255 455(d),(e)	HIGH
External corrosion control: Buried or submerged pipelines installed before August 1, 1971	255 457	HIGH
External corrosion control: Protective coating	255 461(c)	HIGH
External corrosion control: Cathodic protection	255 463	HIGH
External corrosion control: Monitoring	255 465(a),(e)	HIGH
Internal corrosion control: Design and construction of transmission line	255 476(a),(c)	HIGH
Remedial measures: General	255 483	HIGH
Remedial measures: transmission lines	255 485(a),(b)	HIGH
Strength test requirements for steel pipelines to operate at 125 PSIG or more	255 505(a),(b),(c),(d)	HIGH
General requirements (UPGRADES)	255 553 (a),(b),(c),(f)	HIGH
Upgrading to a pressure of 125 PSIG or more in steel pipelines	255 555	HIGH
Upgrading to a pressure less than 125 PSIG	255 557	HIGH
Conversion to service subject to this Part	255 559(a)	HIGH
General provisions	255 603	HIGH
Operator Qualification	255 604	HIGH
Essentials of operating and maintenance plan	255 605	HIGH
Change in class location: Required study	255 609	HIGH
Damage prevention program	255 614	HIGH
Emergency Plans	255 615	HIGH
Customer education and information program	255 616	HIGH
Maximum allowable operating pressure: Steel or plastic pipelines	255 619	HIGH
Maximum allowable operating pressure: High pressure distribution systems	255 621	HIGH
Maximum and minimum allowable operating pressure: Low pressure distribution systems	255 623	HIGH
Odorization of gas	255 625(a),(b)	HIGH

Tapping pipelines under pressure	255 627	HIGH
Purging of pipelines	255 629	HIGH
Control Room Management	255 631(a)	HIGH
Transmission lines: Patrolling	255 705	HIGH
Leakage Surveys - Transmission	255 706	HIGH
Transmission lines: General requirements for repair procedures	255 711	HIGH
Transmission lines: Permanent field repair of imperfections and damages	255 713	HIGH
Transmission lines: Permanent field repair of welds	255 715	HIGH
Transmission lines: Permanent field repair of leaks	255 717	HIGH
Transmission lines: Testing of repairs	255 719	HIGH
Distribution systems: Leak surveys and procedures	255 723	HIGH
Compressor stations: procedures	255 729	HIGH
Compressor stations: Inspection and testing relief devices	255 731	HIGH
Compressor stations: Additional inspections	255 732	HIGH
Compressor stations: Gas detection	255 736	HIGH
Pressure limiting and regulating stations: Inspection and testing	255 739(a),(b)	HIGH
Regulator Station Overpressure Protection	255 743(a),(b)	HIGH
Transmission Line Valves	255 745	HIGH
Prevention of accidental ignition	255 751	HIGH
Protecting cast iron pipelines	255 755	HIGH
Replacement of exposed or undermined cast iron piping	255 756	HIGH
Replacement of cast iron mains paralleling excavations	255 757	HIGH
Leaks: Records	255 807(d)	HIGH
Leaks: Instrument sensitivity verification	255 809	HIGH
Leaks: Type 1	255 811(b),(c),(d),(e)	HIGH
Leaks: Type 2A	255 813(b),(c),(d)	HIGH
Leaks: Type 2	255 815	HIGH
Leak Follow-up	255 819(a)	HIGH
High Consequence Areas	255 905	HIGH
Required Elements (IMP)	255 911	HIGH
Knowledge and Training (IMP)	255 915	HIGH
Identification of Potential Threats to Pipeline Integrity and Use of the Threat Identification in an Integrity Program (IMP)	255 917	HIGH
Baseline Assessment Plan(IMP)	255 919	HIGH
Conducting a Baseline Assessment (IMP)	255 921	HIGH
Direct Assessment (IMP)	255 923	HIGH
External Corrosion Direct Assessment (ECDA) (IMP)	255 925	HIGH
Internal Corrosion Direct Assessment (ICDA) (IMP)	255 927	HIGH
Confirmatory Direct Assessment (CDA) (IMP)	255 931	HIGH
Addressing Integrity Issues (IMP)	255 933	HIGH
Preventive and Mitigative Measures to Protect the High Consequence Areas (IMP)	255 935	HIGH
Continual Process of Evaluation and Assessment (IMP)	255 937	HIGH
Reassessment Intervals (IMP)	255 939	HIGH
General requirements of a GDPIM plan	255 1003	HIGH
Implementation requirements of a GDPIM plan	255 1005	HIGH
Required elements of a GDPIM plan	255 1007	HIGH
Required report when compression couplings fail	255 1009	HIGH
Requirements a small liquefied petroleum gas (LPG) operator must satisfy to implement a GDPIM plan	255 1015	HIGH

HIGH RISK SECTIONS PART 261		
Operation and maintenance plan	261 15	HIGH
Leakage Survey	261 17(a),(c)	HIGH
Carbon monoxide prevention	261 21	HIGH
Warning tag procedures	261 51	HIGH
HEFPA Liaison	261 53	HIGH
Warning Tag Inspection	261 55	HIGH
Warning tag: Class A condition	261 57	HIGH
Warning tag: Class B condition	261 59	HIGH

OTHER RISK SECTIONS PART 255

ACTIVITY TITLE	CODE SECTION	RISK FACTOR
Preservation of records	255.17	OTH
Compressor station: Design and construction	255.163	OTH
Compressor station: Liquid removal	255.165	OTH
Compressor stations: Additional safety equipment	255.171	OTH
Vaults: Accessibility	255.185	OTH
Vaults: Sealing, venting, and ventilation	255.187	OTH
Calorimeter or calorimeter structures	255.190	OTH
Design pressure of plastic fittings	255.191	OTH
Valve installtion in plastic pipe	255.193	OTH
Instrument, control, and sampling piping and components	255.203	OTH
Limitations On Welders	255.229	OTH
Quality assurance program	255.230	OTH
Preheating	255.237	OTH
Stress relieving	255.239	OTH
Inspection and test of welds	255.241(c)	OTH
Nondestructive testing-Pipeline to operate at 125 PSIG or more	255.243(f)	OTH
Plastic pipe: Qualifying joining procedures	255.283	OTH
Plastic pipe: Qualifying persons to make joints	255.285(c),(e)	OTH
Plastic pipe: Inspection of joints	255.287	OTH
Bends and elbows	255.313(d)	OTH
Protection from hazards	255.317	OTH
Installation of pipe in a ditch	255.319	OTH
Casing	255.323	OTH
Cover	255.327	OTH
Customer meters and regulators: Location	255.353	OTH
Customer meters and regulators: Protection from damage	255.355	OTH
Customer meters and service regulators: Installation	255.357(a),(b),(c)	OTH
Customer meter installations: Operating pressure	255.359	OTH
Service lines: Installation	255.361(a),(b),(c),(d)	OTH
Service lines: valve requirements	255.363	OTH
Service lines: Location of valves	255.365(a),(c)	OTH
Service lines: General requirements for connections to main piping	255.367	OTH
Service lines: Connections to cast iron or ductile iron mains	255.369	OTH
Service lines: Steel	255.371	OTH
Service lines: Cast iron and ductile iron	255.373	OTH
Service lines: Plastic	255.375	OTH
Service lines: Copper	255.377	OTH
New service lines not in use	255.379	OTH
Service lines: excess flow valve performance standards	255.381	OTH
External corrosion control: Buried or submerged pipelines installed after July 31, 1971	255.455(a)	OTH
External corrosion control: Examination of buried pipeline when exposed	255.459	OTH
External corrosion control: Protective coating	255.461(a),(b),(d),(e),(f),(g)	OTH
Rectifier Inspection	255.465 (b),(c),(f)	OTH
External corrosion control: Electrical isolation	255.467	OTH
External corrosion control: Test stations	255.469	OTH
External corrosion control: Test lead	255.471	OTH
External corrosion control: Interference currents	255.473	OTH
Internal corrosion control: General	255.475(a),(b)	OTH
Atmospheric corrosion control: General	255.479	OTH
Atmospheric corrosion control: Monitoring	255.481	OTH
Remedial measures: transmission lines	255.485(c)	OTH
Remedial measures: Pipelines lines other than cast iron or ductile iron lines	255.487	OTH
Remedial measures: Cast iron and ductile iron pipelines	255.489	OTH
Direct Assessment	255.490	OTH
Corrosion control records	255.491	OTH
General requirements (TESTING)	255.503	OTH
Strength test requirements for steel pipelines to operate at 125 PSIG or more	255.505(e),(h),(i)	OTH

Test requirements for pipelines to operate at less than 125 PSIG	255.507	OTH
Test requirements for service lines	255.511	OTH
Environmental protection and safety requirements	255.515	OTH
Records (TESTING)	255.517	OTH
Notification requirements (UPGRADES)	255.552	OTH
General requirements (UPGRADES)	255.553(d),(e)	OTH
Conversion to service subject to this Part	255.559(b)	OTH
Change in class location: Confirmation or revision of maximum allowable operating pressure	255.611(a),(d)	OTH
Continuing surveillance	255.613	OTH
Odorization	255.625(e),(f)	OTH
Pipeline Markers	255.707(a),(c),(d),(e)	OTH
Transmission lines: Record keeping	255.709	OTH
Distribution systems: Patrolling	255.721(b)	OTH
Test requirements for reinstating service lines	255.725	OTH
Inactive Services	255.726	OTH
Abandonment or inactivation of facilities	255.727(b)-(g)	OTH
Compressor stations: storage of combustible materials	255.735	OTH
Pressure limiting and regulating stations: Inspection and testing	255.739(c),(d)	OTH
Pressure limiting and regulating stations: Telemetering or recording gauges	255.741	OTH
Regulator Station MAOP	255.743 (c)	OTH
Service Regulator - Min.& Oper. Load	255.744 (d),(e)	OTH
Distribution Line Valves	255.747	OTH
Valve maintenance: Service line valves	255.748	OTH
Regulator Station Vaults	255.749	OTH
Caulked bell and spigot joints	255.753	OTH
Reports of accidents	255.801	OTH
Emergency lists of operator personnel	255.803	OTH
Leaks General	255.805(a),(b),(e),(g),(h)	OTH
Leaks: Records	255.807(a),(b),(c)	OTH
Type 2	255.815(b),(c),(d)	OTH
Type 3	255.817	OTH
Interruptions of service	255.823(a),(b)	OTH
Logging and analysis of gas emergency reports	255.825	OTH
Annual Report	255.829	OTH
Reporting safety-related conditions	255.831	OTH
General (IMP)	255.907	OTH
Changes to an Integrity Management Program (IMP)	255.909	OTH
Low Stress Reassessment (IMP)	255.941	OTH
Measuring Program Effectiveness (IMP)	255.945	OTH
Records (IMP)	255.947	OTH
Records an operator must keep	255.1011	OTH

OTHER RISK SECTIONS PART 261		
High Pressure Piping - Annual Notice	261.19	OTH
Warning tag: Class C condition	261.61	OTH
Warning tag: Action and follow-up	261.63(a)-(h)	OTH
Warning Tag Records	261.65	OTH

Orange and Rockland Utilities, Inc.
Cases 18-E-0067 & 18-G-0068

Customer Service Performance Incentive Mechanism

The Customer Service Performance Incentive Mechanism ("CSPIM") described herein will be in effect for the terms of the Rate Plans and thereafter unless and until changed by the Commission.

a) Operation of Mechanism

The CSPIM establishes threshold performance levels for designated aspects of customer service. For all measures, except the Residential Termination metric, the threshold performance levels are detailed on page 5 of this Appendix 15. Failure by the Company to achieve these specified targets will result in a revenue adjustment of up to $2.25 million annually. For residential terminations, if it achieves specified targets, the Company has an opportunity to earn a positive revenue adjustment of up to $800,000 annually; failure by the Company to achieve specified targets will result in a negative revenue adjustment of up to $800,000 annually. The CSPIM will be measured on a calendar year basis. Accordingly, the results of the performance measurements, as measured during calendar years 2019, 2020 and 2021, respectively, will be applied to Rate Years 1, 2 and 3, respectively.

b) Exclusions

Except for the Residential Termination/Uncollectibles metric, for measurement purposes, results from months having abnormal operating conditions will not be considered. Abnormal operating conditions are deemed to occur during any period of emergency, catastrophe, strike, natural disaster, major storm, or other unusual event not in the Company's control affecting more than 10 percent of the customers in an operating area during any month. A "major storm" will have the same definition as set forth in 16 NYCRR Part 97.

c) Reporting

The Company will prepare an annual report on its performance that will be filed with the Secretary by March 1 following each Rate Year (*e.g.*, the annual report for 2019 shall be due by March 1, 2020). Each report will state: (1) the Company's actual performance for the calendar year on each measure; (2) whether a revenue adjustment is applicable and, if so, the amount of the revenue adjustment; and (3) whether any exclusions should apply, the basis for requesting each exclusion, and adequate support for all requested exclusions.

d) Threshold Standards

The Company's threshold performance will be measured based on the Company's cumulative monthly performance for each Rate Year for the following three activities, except as otherwise noted.

i. Commission Complaints

The annual Complaint Rate will be calculated in the manner approved by the Commission in its Order Approving Complaint Rate Targets issued August 26, 2005.[1] In calculating the annual Complaint Rate, (i) duplicative rate consultant complaints, (ii) high commodity prices complaints, and (iii) complaints relating to natural disasters, major storms, or other unusual events not in the Company's control, will be excluded. During the Rate Plans, the complaint rate not to exceed targets and associated revenue adjustment levels are set forth in Table 1, below.

ii. Customer Satisfaction

The Company contracts with a third-party vendor to conduct a monthly Customer Contact Satisfaction Survey. The vendor surveys customers utilizing a 10-point scale to rank

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[1] Case 02-G-1553, *Proceeding on Motion of the Commission as to the Rates, Charges, Rules, and Regulations of Orange and Rockland Utilities, Inc. for Gas Service*, and Case 03-E-0797, *In the Matter of Orange and Rockland Utilities, Inc.'s Proposal for an Extension of an Existing Rate Plan, filed in Case 96-E-0900*, Order Approving Complaint Rate Target (issued August 26, 2005).

customer satisfaction with Company performance based upon a series of questions and one overall customer satisfaction index question:

> "*Using a scale from 1 to 10 where 1 means you were very dissatisfied and 10 means you were very satisfied, how satisfied were you the way the Orange and Rockland's Customer Service Representative handled your recent issue/request?"*

The Company reports the percentage of customers surveyed that responded with a score of 7 – 10 to the overall customer satisfaction index question.

iii. Call Answer Rate

"Call Answer Rate" is the percentage of calls answered by a Company representative within 30 seconds of the customer's request to speak to a representative between the hours of 8:00 AM and 4:30 PM Monday through Friday (excluding holidays). The performance rate is the sum of the system-wide number of calls answered by a representative within 30 seconds divided by the sum of the system-wide number of calls where a customer requests to speak with a representative.

iv. Residential Service Terminations/Uncollectibles

In order to provide a positive financial incentive for the Company to identify and implement new steps to reduce residential service terminations as a result of customer non-payment, and uncollectibles from residential accounts, the Company will have the ability during each Rate Year to achieve an overall maximum positive revenue adjustment totaling $800,000 if it achieves both of the following Lower Targets for the Rate Year. The Company will incur an overall maximum negative revenue adjustment totaling $800,000 if it exceeds both of the Upper Targets for the Rate Year. Partial positive and negative adjustments are included in the chart below.

Termination/Uncollectibles Incentive		
	Terminations	**Uncollectibles**
5-yr Average	7,600	$2.9 million
Lower Target	<= 6,900	<= $3.1 million
Upper Target	>=8,600	>=$4.8 million
	Positive Incentive	**Negative Incentive**
	$800,000 if both measures are at or below Lower Targets	$800,000 if both measures are at or exceed Upper Targets
	$400,000 if one measure is at or below Lower Target and other is at or below the 5-yr. Average	$400,000 if one measure is at or exceeds the Upper Target

Any positive or negative revenue adjustment earned will be allocated between the Company's electric and gas businesses based on the common cost allocation factor.

Table 1 - Customer Service Performance Incentive Mechanism Targets

Orange and Rockland Customer Service Performance Incentive (CSPI)
(Electric and Gas)

Indicator	CSPI (Electric and Gas)		
	Target	**Electric NRA**	**Gas NRA**
Annual PSC Complaint Rate	< 1.0	$0	$0
	> = 1.0	$200,000	$100,000
	> = 1.1	$400,000	$200,000
	> = 1.2	$600,000	$300,000
Customer Contact Satisfaction Survey	> 92.6%	$0	$0
	< = 92.6%	$200,000	$100,000
	< = 91.8%	$400,000	$200,000
	< = 91.0%	$600,000	$300,000
Call Answer Rate < 30 sec.	> 58.3%	$0	$0
	< = 58.3%	$100,000	$50,000
	< = 56.0%	$200,000	$100,000
	< = 53.7%	$300,000	$150,000
Total		**$1,500,000**	**$750,000**

- **Call Answer Rate <30 sec targets are adjusted for RY2 and RY3 as provided below.**

	RY2			**RY3**		
Call Answer Rate <30 sec	**>59.3%**	**$0**	**$0**	**>60.3%**	**$0**	**$0**
	<=59.3%	**$100,000**	**$50,000**	**<=60.3%**	**$100,000**	**$50,000**
	<=57.0%	**$200,000**	**$100,000**	**<=58.0%**	**$200,000**	**$100,000**
	<=54.7%	**$300,000**	**$150,000**	**<=55.7%**	**$300,000**	**$150,000**

Appendix 16
Orange and Rockland
Cases 18-E-0067 and 18-G-0068
Earnings Adjustment Mechanisms

Orange and Rockland will adopt electric and gas Earnings Adjustment Mechanisms ("EAMs") as of January 1, 2019. Achievement of EAMs will be measured on a Rate Year basis (*i.e*., RY1, RY2, RY3). There are five EAMs for electric, comprised of a total of nine metrics, and one EAM for gas, comprised of one metric. Each EAM metric contains targets that are set at minimum, midpoint and maximum performance levels. The Company will earn pre-tax earnings adjustments on a prorated basis for performance between the minimum and midpoint performance levels, as well as for performance between the midpoint and maximum performance levels.

Orange and Rockland has the potential to earn a maximum earnings adjustment of $3.618 million (62.5 BP) in RY1, $4.035 million (67.5 BP) in RY2, and $4.220 million (67.5 BP) in RY3 for its electric business. With respect to its gas business, Orange and Rockland has the potential to earn a maximum earnings adjustment of $0.301 million (10 BP) in RY1, $0.316 million (10 BP) in RY2, and $0.330 million (10 BP) in RY3. The EAMs, targets, incentives (earnings adjustments) and measurements are described in the sections that follow. The Parties will re-convene to discuss the re-allocation of basis points for any incentives that are eliminated as a result of Commission action during the term of these Rate Plans. After such discussions, the Company may petition the Commission to re-allocate the basis points for any such incentives eliminated by the Commission. The Signatory Parties reserve the right to support or oppose any petition filed by the Company pursuant to this provision.

Appendix 16
Orange and Rockland
Cases 18-E-0067 and 18-G-0068
Earnings Adjustment Mechanisms

1.0 Electric EAMs

1.1 System Efficiency EAM

The System Efficiency EAM consists of three metrics: Peak Reduction, Storage Roadmap, and Distributed Energy Resources ("DER") Utilization.

1.1.1 Peak Reduction Metric

The Peak Reduction metric is an outcome-based metric which incentivizes Orange and Rockland to reduce its peak load for its service territory on a year over year percentage basis. The Company will measure the year-over-year percentage reduction in weather-normalized Orange and Rockland peak load system-wide demand at the hour of the Company's system peak in each Rate Year. Achievement of the Peak Reduction metric will be calculated for each Rate Year as follows:

> The Company will determine its system weather-normalized peak load for the Rate Year. The system peak load will be weather-normalized using the same methodology used in the Company's annual submission to the NYISO of its weather-normalized New York Control Area ("NYCA") coincident system peak. The Company will then reduce the weather-normalized peak load to account for Demand Response ("DR") events from Company implemented programs; Direct Load Control ("DLC") and Commercial System Relief Program ("CSRP"); and NYISO's Installed Capacity – Special Case Resources program ("NYISO – SCR") that were not called at the time of the peak load. The estimated contribution for CSRP and NYISO – SCR will be calculated at 80% of the committed demand reduction. The estimated

contribution from DLC will be 80% of 1.0 kW times the number of customers enrolled. Then the Company will calculate the percent change in the weather-normalized, DR adjusted peak load to the prior year's peak load:

$$Percent\ Change\ (\%) = \frac{(weather\ normalized, DR\ adjusted\ peak\ load\ in\ measured\ RY - weather\ normalized, DR\ adjusted\ peak\ load\ in\ prior\ RY)}{(weather\ normalized, DR\ adjusted\ peak\ load\ in\ prior\ RY}$$

1.1.2 DER Utilization Metric

The DER Utilization metric is an outcome-based metric which incentivizes Orange and Rockland to work with third parties to expand the use of DER in the Company's service territory. This metric will measure the sum of the incremental annualized megawatt hours ("MWh") in each Rate Year from several types of DER installed in Orange and Rockland's service territory in the measured Rate Year. The metric includes commercial solar photovoltaic ("PV") installations, Community Distributed Generation ("CDG"), combined heat and power, electric energy storage resources, and other DG such as wind, hydro, and fuel cells. The DER installations will be quantified utilizing reporting from the Company's interconnection application portal, Power Clerk.

The DER Utilization metric will be calculated as follows:

$$\begin{gathered} DER\ Utilization\ (MWh) = \\ \text{Commercial solar PV MWh annualized production} \\ + \text{CDG Solar MWh annualized production} \\ + \text{Combined heat and power (“CHP”) MWh annualized production} \\ + \text{Fuel cell MWh annualized production} \\ + \text{Battery storage MWh annualized discharge} \\ + \text{Other DG } (\textit{e.g.}, \text{wind, hydro}) \text{ MWh annualized production} \end{gathered}$$

Annualized production will be calculated as follows for Solar PV, Battery Storage and CHP:

$$Solar\ PV\ MWh = MW\ Installed \times 8760\ hours \times 13.4\%\ Annual\ Capacity\ Factor^{1}$$

$$Battery\ Storage\ MWh = \text{Daily battery inverter discharge rating (MWh)} \times \text{[365 days]}^{2}$$

$$CHP\ MWh = MW\ Installed \times 8760\ hours \times 75\%\ Annual\ Capacity\ Factor^{3}$$

Other Distributed Generation resources (*e.g*., wind, hydro) contribution to the DER Utilization Metric will be estimated based upon specific installation and industry data.

1.1.3 Storage Roadmap Metric

The Storage Roadmap metric will be developed based upon an anticipated Commission Order in Case 18-E-0130, In the Matter of Energy Storage Deployment Program. The metric and targets for RY2 and RY3 will be developed with Staff following the issuance of the Commission Order in Case 18-E-0130.

1.2 Electric Energy Efficiency Metric

The Electric Energy Efficiency EAM is composed of three metrics: Electric Energy Efficiency (MWh Reduction), Residential Electric Energy Intensity, and Commercial Electric Energy Intensity.

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[1] NYSERDA NY-Sun Initiative Program Manual, p. 10.

[2] DOE/EPRI Electricity Storage Handbook Appendix B, Page B-12

[3] NYSERDA Distributed Generation-Combined Heat and Power Impact Evaluation, March 2015, p. 12.

1.2.1 Electric Energy Efficiency (MWh Reduction) Metric

The Electric Energy Efficiency (MWh Reduction) metric is a programmatic metric which incentivizes the Company to achieve energy efficiency savings in each Rate Year. This metric will be measured as the sum of MWh savings achieved from all of Orange and Rockland's administered electric ETIP energy efficiency programs and expanded programs during the Rate Year.

As a precondition to earning the incentive associated with this metric, the Estimated Useful Life ("EUL") of the Company's EE portfolio must be at least ten years. EULs for each measure will be estimated using the NYS Technical Resource Manual ("NY TRM").[4]

MWh reductions will be calculated consistent with the current standard practices described in the NY TRM.[5]

In the event that the Commission requires changes to the State Energy Efficiency initiative,[6] the Company's energy efficiency portfolio, including energy efficiency targets, energy efficiency budget, and EAMs will be modified accordingly.

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[4] If a specific measure is not included in the NYS TRM, the Company will estimate the EUL and the MWh savings using technology specific industry research and/or data.

[5] ibid

[6] Case 18-M-0084, *In the Matter of a Comprehensive Energy Efficiency Initiative*.

1.2.2. Residential Electric Energy Intensity Metric

The Residential Electric Energy Intensity metric is an outcome-based metric which incentivizes Orange and Rockland to reduce residential (SCs 1 and 19) customers' total annual usage on a per customer basis. This metric will be measured as the annual residential MWh sales divided by the 12-month average number of residential customers. Within this calculation, the annual residential MWh sales will be: 1) normalized to correct for the weather-related impacts on electricity sales and billing days, 2) reduced by the aggregate MWhs produced by CDG resources and allocated to residential customers, and 3) adjusted to exclude the impacts of beneficial electrification, such as new load from heat pumps and electric vehicles ("EVs").

The Residential Electric Energy Intensity metric will be calculated as:

$$\frac{(\text{weather/billing day normalized annual MWh sales}) - (\text{MWh CDG allocations}) - (\text{MWh sales associated with EVs and heat pumps})}{\text{12-month average \# of residential customers}}$$

Within this formula the following components are defined as follows:

- Weather Normalization Methodology: The weather normal is defined as the average billing cycle heating degree days ("HDD") and cooling degree days ("CDD") for the ten-year period ended December 2016, and the formula to correct for the weather-related impacts on electricity sales is: weather normalized sales = exp(ln(actual sales)+0.000141*(normal billing cycle HDD - actual billing cycle HDD)+0.000518*(normal billing cycle

CDD - actual billing cycle CDD)).

- Billing Day Normalization Methodology:

$$Weather\ Normalized\ MWh\ sales\ X\ (\frac{the\ year\ 1990\ cycle\ billing\ days}{RY\ cycle\ billing\ days})$$

- MWh CDG allocations will be calculated as the MWh derived from subscriber percentage allocations of CDG annual output applied to SC 1 and SC 19 customers as summarized on Customer Accounting's Host Account Reports. This will be applicable to all CDG in operation including those compensated by Monetary, Volumetric, Value Stack or any replacement compensation developed within the Value of DER proceeding, Case 15-E-0751, not already reflected in sales.

Annual MWh sales associated with the impacts of identified heat pumps will be derived from the engineering algorithms in the NY TRM based upon the specific installation.

Annual EV sales will be calculated as:

$$EV\ \mathrm{M}Wh =$$

$$\#\ of\ Battery\ EVs \times \frac{10.33kWh}{Weekday} \times \frac{Weekdays}{Year} + \#\ of\ Plug\ In\ EVs \times \frac{7.0kWh}{Weekday} \times \frac{Weekdays}{Year}$$

- The 12-month average number of residential customers will be calculated using the Company's Customer Information Control System or equivalent data source.

1.2.3. Commercial Electric Energy Intensity Metric

The Commercial Electric Energy Intensity metric is an outcome-based metric which incentivizes Orange and Rockland to reduce commercial (SC 2 and SC 20) customers' total usage on a per employee basis. This metric will be measured as the annual commercial MWh sales divided by the number of employees as described in Staff's EAM and Electric Forecasting Panel testimony. Within this calculation the annual commercial MWh sales will be: 1) normalized to correct for the weather related impacts on electricity sales and billing days, 2) reduced by the aggregate MWhs produced by CDG resources and allocated to commercial customers, and 3) adjusted to exclude the impacts of beneficial electrification such as new load from heat pumps and EVs.

The Commercial Electric Energy Intensity metric will be calculated as:

$$\frac{(weather/billing\ day\ normalized\ MWh\ sales) - (MWh\ CDG\ allocations) - (MWh\ sales\ associated\ with\ EVs\ and\ heat\ pumps)}{Estimated\ number\ of\ Employees}$$

Within this formula the following components are defined as follows:

- Weather Normalization Methodology: The weather normal are defined as the average billing cycle HDD and CDD for the ten-year period ended December 2016, and the formula to correct for the weather-related impacts on electricity sales is weather normalized sales = exp(ln(actual sales)+ 0.000081*(normal billing cycle HDD - actual billing cycle HDD)+ 0.000247(normal billing cycle CDD - actual billing cycle CDD)).
- Billing Day Normalization Methodology:

$$Weather\ Normalized\ MWh\ sales\ X\ (\frac{the\ year\ 1990\ cycle\ billing\ days}{RY\ cycle\ billing\ days})$$

- MWh CDG allocations will be calculated as the MWh derived from subscriber percentage allocations of CDG annual output credits applied to SC 2 and SC 20 customers as summarized on the Host Account Reports. This will be applicable to all CDG in operation including those compensated by Monetary, Volumetric, Value Stack or any replacement compensation developed within the Value of DER ("VDER")proceeding not already reflected in sales.

Annual MWh sales associated with the impacts of identified heat pumps will be derived from the engineering algorithms in the NY TRM based upon the specific installation. Annual EV sales will be calculated as shown below:

$$EV\ \mathrm{MWh} = \\ \#\ of\ Battery\ EVs \times \frac{10.33kWh}{Weekday} \times \frac{Weekdays}{Year} + \#\ of\ Plug\ In\ EVs \times \frac{7.0kWh}{Weekday} \times \frac{Weekdays}{Year}$$

- Estimated number of employees to be determined using the methodology described in Staff's Direct Testimony in these proceedings. This methodology uses monthly Bureau of Labor Statistics ("BLS") Current Employment Survey data for Orange, Rockland and Westchester Counties adjusted using the Orange and Rockland Counties only ratio from the BLS Quarterly Census of Employment and Wages that is available by specific county, which will be used for EAM purposes only.

1.3. Customer Engagement EAM

The Customer Engagement EAM consists of one outcome-based metric, *i.e*., the Innovative Rates Participation metric, intended to incentivize the Company to increase residential customer participation in innovative rates including Voluntary Time of Use ("VTOU") rates and new voluntary rate options related to VDER and AMI deployment. The Innovative Rates Participation metric measures the percentage of Orange and Rockland's residential customers that sign up for such innovative rates. This metric will be measured as the sum of the number of customers voluntarily participating in innovative rates (*i.e*., opting in), including the Company's SC 19 VTOU rates, the Smart Home Rate Demonstration Project, and new rates related to VDER and AMI deployment divided by the total number of residential customers. This metric will be measured on December 31 of each respective Rate Year and calculated using the Company's Customer Information Control System.

1.4 Environmentally Beneficial Electrification EAM

The Environmentally Beneficial Electrification EAM consists of one hybrid programmatic and outcome-based metric that incentivizes the Company to reduce carbon emissions by facilitating greater penetration of technologies that use electricity to reduce carbon emissions relative to traditional technologies that rely on carbon-intensive fuel sources. Examples of these technologies include air-source heat pumps ("ASHPs"), ground-source heat pumps ("GSHPs") and EVs. The metric will be measured as the lifetime short tons of avoided carbon dioxide from environmentally beneficial electrification technologies. The Environmentally Beneficial Electrification EAM will be measured as the incremental lifetime short tons of avoided carbon dioxide (“CO_2”) from incremental EVs and heat pumps installed during a given Rate Year. Incremental lifetime tons of CO_2 will be calculated as the number of incremental units multiplied by the assumed avoided tons of CO_2 multiplied by the average technology life as set forth below.

Electric vehicles (“EV”)[7]: *EV registrations * 4.675 tons* CO_2 ** 10 years*
Air-source heat pumps (“ASHP”): *ASHP installations * 6.7 tons* CO_2 ** 15 years*

GSHP: *GSHP installations * 9.69 tons* CO_2 ** 25 years*

The EV component of the Environmentally Beneficial Electrification metric will be measured as the incremental EVs registered in Orange and Rockland’s service territory. EVs are defined as battery EVs (“BEVs”) and Plug-in hybrid electric vehicles (“PHEVs”). The Company is investigating the appropriateness of using EValuateNY, a new NYSERDA-funded tool, to track BEV and PHEV registrations in its service territory for the quantification of incremental EVs.

Quantification of the GSHP and ASHP component of the Environmentally Beneficial Electrification metric will be determined by the number of Orange and Rockland customers participating in NYSERDA geothermal rebate program, receiving the Orange and Rockland Rate Impact Credit, or customers participating in Orange and Rockland’s Carbon Reduction Program.

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[7] If the Company determines that a heavy duty or medium duty EV was registered in its service territory, a revised CO_2 factor will be used for those EVs. That factor will be determined at that time.

1.5 Interconnection EAM

The Company will establish metrics and targets consistent with a future Commission Order regarding the Interconnection EAM Metric in Case 16-M-0429, In the Matter of Earnings Adjustment Mechanism and Scorecard Reforms Supporting the Commission's Reforming the Energy Vision.

1.6 Electric EAM Targets and Incentives

The annual electric EAM minimum, midpoint, and maximum targets and associated positive revenue adjustments are as follows:

Appendix 16
Orange and Rockland
Cases 18-E-0067 and 18-G-0068
Earnings Adjustment Mechanisms

Table 1: Electric EAM Targets

Metric	Level	RY 1	RY 2	RY 3
		Target	Target	Target
SYSTEM EFFICIENCY				
Peak Reduction (% Year over Year Reduction)	Minimum	0.86%	0.73%	0.99%
	Mid-point	1.19%	1.11%	1.38%
	Maximum	1.64%	1.54%	1.85%
Storage Roadmap	Minimum		TBD based on Commission Order regarding Storage Roadmap	
	Mid-point			
	Maximum			
DER Utilization (MWh)	Minimum	10,345	9,877	13,751
	Mid-point	13,206	12,737	15,598
	Maximum	16,066	15,598	19,472
ENERGY EFFICIENCY				
Electric Energy Efficiency (MWh Reduction)	Minimum	38,036	43,432	53,076
	Mid-point	43,400	49,557	60,561
	Maximum	50,525	57,693	70,503
Residential Energy Intensity (% Year over Year reduction)	Minimum	1.40%	1.42%	1.44%
	Mid-point	1.90%	1.93%	1.95%
	Maximum	2.43%	2.46%	2.49%
Commercial Energy Intensity (% Year over Year reduction)	Minimum	0.87%	0.85%	0.86%
	Mid-point	1.45%	1.43%	1.44%
	Maximum	2.06%	2.05%	2.06%
INTERCONNECTION				
Applicant Satisfaction	Minimum	TBD	TBD	TBD
	Mid-point			
	Maximum			
CUSTOMER ENGAGEMENT				
Residential Innovative Rate Participation (%)	Minimum	2.14%	3.88%	5.10%
	Mid-point	3.00%	5.24%	6.96%
	Maximum	3.87%	6.61%	8.83%
ENVIRONMENTALLY BENEFICIAL ELECTRIFICATION				
Beneficial Electrification (Tons of Carbon Reduced)	Minimum	29,001	44,855	65,846
	Mid-point	31,003	49,786	72,880
	Maximum	33,308	55,333	80,764

Appendix 16
Orange and Rockland
Cases 18-E-0067 and 18-G-0068
Earnings Adjustment Mechanisms

Table 2: Electric EAM Incentives

Metric	Level	Rate Year 1	Rate Year 2	Rate Year 3
			Dollars	
SYSTEM EFFICIENCY				
Peak Reduction (% Year over Year Reduction)	Minimum	$202,623	$209,226	$218,827
	Mid-point	$405,247	$418,452	$437,653
	Maximum	$810,493	$836,903	$875,306
Storage Roadmap	Minimum	-	$59,779	$62,522
	Mid-point	-	$179,336	$187,566
	Maximum	-	$298,894	$312,609
DER Utilization (MWh)	Minimum	$86,839	$89,668	$93,783
	Mid-point	$289,462	$298,894	$312,609
	Maximum	$492,085	$508,120	$531,436
ENERGY EFFICIENCY				
Electric Energy Efficiency (MWh Reduction)	Minimum	$202,623	$209,226	$218,827
	Mid-point	$434,193	$448,341	$468,914
	Maximum	$868,385	$896,682	$937,828
Residential Energy Intensity (% Year over Year Reduction)	Minimum	$57,892	$59,779	$62,522
	Mid-point	$173,677	$179,336	$187,566
	Maximum	$289,462	$298,894	$312,609
Commercial Energy Intensity (% Year over Year Reduction)	Minimum	$57,892	$59,779	$62,522
	Mid-point	$173,677	$179,336	$187,566
	Maximum	$289,462	$298,894	$312,609
INTERCONNECTION				
Applicant Satisfaction	Minimum	$57,892	$59,779	$62,522
	Mid-point	$173,677	$179,336	$187,566
	Maximum	$289,462	$298,894	$312,609
CUSTOMER ENGAGEMENT				
Residential Innovative Rates Participation (%)	Minimum	$57,892	$59,779	$62,522
	Mid-point	$173,677	$179,336	$187,566
	Maximum	$289,462	$298,894	$312,609
ENVIRONMENTAL BENEFICIAL ELECTRIFICATION				
Beneficial Electrification (Tons of Carbon Reduced)	Minimum	$57,892	$59,779	$62,522
	Mid-point	$173,677	$179,336	$187,566
	Maximum	$289,462	$298,894	$312,609
TOTAL ELECTRIC DOLLARS				
	Minimum	$781,545	$866,794	$906,569
	Mid-point	$1,997,287	$2,241,703	$2,344,572
	Maximum	$3,618,273	$4,035,069	$4,220,224

2.0 GAS EAMS

2.1 Gas Energy Efficiency EAM

The Gas Energy Efficiency EAM incentivizes the Company to achieve energy efficiency savings that are significantly above its historical first-year annual savings target of 16,323 Dth. This metric will be measured as the sum of Dth savings from all of Orange and Rockland-administered gas ETIP energy efficiency programs. As a precondition to earning this incentive, the EUL of the Company's ETIP portfolio must be at or greater than 10.0. The Company will earn a linearly prorated share of the incentive if the achieved EUL is greater than 10.0 up to 100% achieved at an EUL of 11.1. Where the Company's EUL of its Gas ETIP portfolio is greater than or equal to 11.1, the Company would be able to earn 100% of this EAM incentive. Dth savings will be calculated consistent with the current standard practices described in the NY TRM. In the event that the Commission requires changes to the State Energy Efficiency initiative,[8] the Company's energy efficiency portfolio, including energy efficiency targets, energy efficiency budget, and EAMs will be modified accordingly.

2.2 EAM Targets and Positive Revenue Adjustments

The annual gas EAM minimum, midpoint, and maximum targets and associated positive revenue adjustments are as follows:

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[8] Case 18-M-0084, *supra*.

Table 3: Gas EAM Targets

Metric	Level	RY 1	RY 2	RY 3
		Target	Target	Target
Gas Energy Efficiency (Dth)	Minimum	22,853	22,853	22,853
	Mid-point	26,860	26,860	26,860
	Maximum	31,764	31,764	31,764

Table 4: Gas EAM Incentives

Metric	Level	RY 1	RY 2	RY 3
		Target	Target	Target
Gas Energy Efficiency (Dth)	Minimum	$75,178	$78,888	$82,392
	Mid-point	$150,356	$157,776	$164,783
	Maximum	$300,712	$315,552	$329,567

3.0 EAM REPORTING REQUIREMENTS

The Company will file an annual EAM report with the Secretary no later than March 31 following each Rate Year demonstrating the Company’s performance relative to each EAM metric target and the calculations for incentives earned including proration of any incentives related to metric achievement between the minimum, midpoint, and the maximum target levels. The Company will also file with the Secretary a mid-point review of its EAMs to determine if any changes or modifications to the EAMs may be warranted not later than June 1, 2020 in these proceedings. Any proposed revisions to targets are subject to Commission approval. In addition, the Company will file quarterly reports with the Secretary in these proceedings to report progress on both the EAM metrics and scorecard metrics. The reports should be filed 60 days after the end of each quarter and should describe the Company's progress toward the metric targets and the actions the Company has taken during the quarter to achieve its targets. In addition, the reports should include a forecast of whether the Company believes it is on track to meet the annual targets.

Orange and Rockland Utilities, Inc.
Cases 18-E-0067 & 18-G-0068

ELECTRIC REVENUE ALLOCATION AND RATE DESIGN

1. Revenue Allocation

A number of adjustments were made to the incremental revenue requirement.[1] The first adjustment to the incremental revenue requirement for each Rate Year[2] subtracted amounts included for New York State Gross Receipts and Franchise Tax surcharge revenues, Municipal Tax surcharge revenues and Metropolitan Transportation Authority Business Tax surcharge revenues. The second adjustment was made to increase the revenue requirement to offset the credits that are projected to be paid to low income residential customers in each Rate Year.[3]

Before the adjusted incremental revenue requirement was applied to each customer class, the Rate Year delivery revenues for each class were realigned in a revenue neutral manner to reduce interclass deficiencies and surpluses as indicated by the embedded cost of service ("ECOS") study. In each Rate Year, deficiency and surplus indications have been reduced by one-third. The Company then addressed funding for Company-administered energy efficiency program costs that are being moved into base rates.[4] Service Classification ("SC") specific revenues required to fund Company-administered

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[1] There are two pieces to this incremental revenue requirement: (a) a piece to fund Company-administered energy efficiency programs; and (2) all other amounts.

[2] Rate Year ("RY") 1 is defined as the 12 months ending December 31, 2019, RY2 is defined as the 12 months ending December 31, 2020, and RY3 is defined as the 12 months ending December 31, 2020.

[3] This adjustment was $9.923 million in RY1 with an incremental increase of $177,000 in RY2 and an incremental increase of $63,000 in RY3.

[4] In RY1, RY2, and RY3, these amounts totaled $7.1 million, $8.1 million, and $9.9 million. In each RY, funding has been offset by the passback of unspent EE program funding of $2.34 million) This amount was further grossed up by approximately $24,000 in RY1 and an additional $5,000 and $9,000 in RY2 and RY3, respectively, to fund credits that will be made available to customers served under Recharge New York ("RNY") for their RNY load.

energy efficiency ("EE") programs were determined based on each SC's kWh usage. The assigned share of the incremental revenue requirement for Company-energy efficiency programs and the RNY credit for each SC were added back to the Rate Year delivery revenue increase including the ECOS study surplus and deficiency indication for each SC determined in the prior step. This combined Rate Year delivery revenue increase was then allocated among the SCs in proportion to the relative contribution made by each SC's realigned Rate Year delivery revenue to the total realigned Rate Year delivery revenue. The Rate Year delivery revenue changes by class were mitigated in a manner such that each class did not receive a revenue change that was more than +1.5 times or less than -1.5 times the overall Rate Year delivery revenue change.

2. Rate Design

The rate design process for each Rate Year consists of the following six steps:

- Determine revised customer charges and associated delivery revenue changes;
- Determine revised competitive service charges and associated delivery revenue changes;
- Adjust class-specific delivery revenue increases to determine non-competitive delivery revenue increases excluding customer charges;
- Calculate class-specific non-competitive delivery revenue increases excluding customer charges for a historical period;
- Implement intraclass rate structure changes for certain SCs; and
- Apply non-competitive delivery revenue increases excluding customer charges within each SC.

a. Revised Customer Charges and Associated Delivery Revenue Changes

The customer charge was decreased in RY1 for SC No. 1 to $19.50 and will remain fixed at this level in RY2 and RY3. Customer charges for SC No. 15 were increased by the overall delivery revenue increase percentage applicable to all SCs. Customer charges for SC No. 25 are described in the Standby Rate Design section of this Appendix. For all remaining SCs the customer charge remained at the current level.

b. Revised Competitive Service Charges and Associated Delivery Revenue Changes

The competitive delivery components include the billing and payment processing ("BPP") charge; the Merchant Function Charge ("MFC") fixed components, that is the MFC procurement and credit and collections components; the purchase of receivables (“POR”) credit and collections component; and Metering Charges. For each Rate Year, revised revenue levels for the MFC fixed components, POR credit and collections component and Metering Charges were based on percentages of delivery revenue as determined in the ECOS study. In addition, the revised level of the BPP was based on ECOS study indications. The revised competitive service charge revenue levels for each Rate Year were compared with competitive service charge revenues determined based on competitive service charges for the previous Rate Year to determine the change in competitive service revenues.

c. Determination of Class-Specific Non-Competitive Delivery Revenue Increases Excluding Customer Charges.

For each Rate Year, the revenue changes associated with the competitive service charges and customer charges were used to adjust the class-specific delivery revenue increases to determine class-specific non-competitive delivery revenue increases excluding customer charges.[5]

d. Determination of Class-Specific Non-Competitive Delivery Revenue Increases Excluding Customer Charges for a Historical Period.

Class-specific revenue ratios were developed for each Rate Year by dividing (a) non-competitive delivery revenues excluding customer charges for each class based on billing data for the historical period (*i.e.*, the twelve months ended September 30, 2017) and rates for the previous Rate Year by (b) non-competitive delivery revenues excluding customer charges for each class based on Rate Year billing data and rates for the previous Rate Year. These revenue ratios for each class were applied to each Rate Year's non-competitive delivery revenue increase excluding customer charges for each class to determine each class's non-competitive delivery revenue increase excluding customer charges for the historical period.

e. Intraclass Rate Structure Changes

The following rate structure changes were made in a revenue neutral manner before applying the non-competitive delivery revenue increase excluding customer charges within each of the affected SCs.

SC No. 1

The optional electric space and water heating discounts were eliminated in RY1.

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[5] For ECOS Study indications, revenue allocation, and rate design, SC No. 19 is and will continue to be treated as a separate class from SC No. 1.

SC No. 2 – Secondary Demand Billed

For SC No. 2 Secondary Demand Metered service in each Rate Year, 5% of the first block usage revenues were reallocated to the third block usage revenues with the remaining increase applied evenly to the demand charges.

SC No. 2 – Primary

For each Rate Year, SC No 2 Primary service summer and winter usage revenues were reduced by 20% and the resulting seasonal changes in revenue were reallocated to demand revenue by increasing the demand charges.

SC No. 9

For each Rate Year, SC No. 9 Primary and Substation service usage revenues were reduced by 25% for primary and substation service customers and the resulting seasonal changes in revenue were reallocated to demand revenue by increasing the demand charges.

SC No. 20

An off-peak demand charge was established in RY1 by shifting 25% of the off-peak revenue from the usage charge to the demand charge. In addition, the Company has shifted 25% of revenue from usage charges to demand charges for Periods I and II in each Rate Year.

f. Application of Non-Competitive Delivery Revenue Increase Excluding Customer Charges Within Each SC.

For the SC No. 2 – Primary, 3, 9 – Primary and Substation, 20, and 21 – Primary and Substation classes, the Company applied the non-competitive delivery revenue increase excluding customer charges for the historical period to the demand rates. For the SC

Nos. 9 – Transmission, 21 and 22 – Transmission classes, the Company increased the usage charges such that they were set equal to the unitized rate of the Company-administered energy efficiency programs in RY1. The remainder of the RY1 increase was then applied evenly to the demand charges. For RY2 and RY3, the increase was applied evenly to the demand charges.

For all other service classes except SC No. 25, each class-specific non-competitive delivery revenue increase excluding customer charges, determined as set forth above, was divided by the total of the usage charge at the previous Rate Year's rate levels, to establish average class-specific percentages by which non-competitive delivery rates were increased.[6]

3. Unbundled Charges

a. Merchant Function Charge

For the term of the Electric Rate Plan, the Company will continue to implement the MFC, as set forth in the Company's electric tariff**.** The MFC fixed component monthly targets (commodity procurement and credit and collections) for each Rate Year are set forth in Schedule 4 of this Appendix.

b. Transition Adjustment for Competitive Services

For the term of the Electric Rate Plan, the Company will continue to implement the Transition Adjustment for Competitive Services ("TACS"), as set forth in the Company's electric tariff, modified as follows.

The effective period of the TACS has been changed from the 12-month period commencing November 1 to the 12-month period commencing January 1 of each year

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[6] No increase was applied to the SC No. 4 LED luminaires introduced in the Electric Tariff in 2017.

beginning in January 2019. In addition, to account for the partial Rate Year, November 1, 2018 through December 31, 2018, the TACS targets are $772,737 for the MFC fixed components and $111,634 for the credit and collections lost revenue associated with retail access component. These targets are based on the sum of the monthly targets for July through October for RY3 of the current Electric Rate Plan as contained in Appendix 18, Schedule 4, of the Joint Proposal adopted by the Commission in Case 14-E-0493. Any over- or under-collections for this partial period will be collected through a revised TACS that will be in effect for the 12-month period ending December 31, 2020.

c. POR Discount

For the term of the Electric Rate Plan, the Company will continue to implement the POR discount, revised to account for the change in the start of the rate year.

d. Billing and Payment Processing Charge

The Company's billing and payment processing charge will increase from its current level, $1.02 per bill to $1.30 per bill.

e. Metering Charges

To determine Metering Charges for classes not subject to mandatory day-ahead hourly pricing ("MDAHP") for each Rate Year, the Metering Charges were revised based on the class-specific metering cost percentages of delivery revenue as set forth in the ECOS study. The metering charges for customers subject to MDAHP in SC Nos. 2, 3, 20 and 21 are set to be equal to the metering charges as indicated in the DAC Panel's direct testimony in Exhibit __ (DAC-E2), Schedule 4. For SC Nos. 9 and 22, where the entire classes are MDAHP eligible, the meter ownership charge and meter service provider charge were increased based on percentages as indicated in the DAC Panel's Exhibit __

(DAC-E2, Schedule 3), and the combined SC Nos. 9 and 22 proposed delivery revenue to develop common charges for these two classes because metering installations for customers in these subclasses are similar. The meter data service provider charge for SC Nos. 9 and 22 was set equal to that of the MDAHP meter data service provider charge for MDAHP customers in SC Nos. 2, 3, 20, and 21 as indicated in the DAC Panel's direct testimony in Exhibit__ (DAC-E2), Schedule 4, because these costs are common among all MDAHP classes.

4. Standby Rate Design

The standby rate design is consistent with the guidelines set forth in the Commission's Opinion 01-04, Opinion and Order Approving Guidelines for the Design of Standby Service Rates, issued October 26, 2001 in Case 99-M-1470. The billing determinants used to design standby rates were based on those used in the formulation of the proposed rates for the otherwise applicable non-standby SCs. The cost allocation matrix contained in Appendix B of the March 11, 2003 Joint Proposal adopted by the Commission in its Order Establishing Electric Standby Rates, issued July 29, 2003, in Case Nos. 02-E-0780 and 02-E-0781 also was used. This matrix shows the percentage allocation of costs between the as-used demand charge and the contract demand charge, at various service levels.

The class revenue requirements to be recovered through the contract demand charges were developed by applying the percentages applicable to the contract demand from the cost allocation matrix to the portions of the revenue requirement applicable to transmission, substation, primary, and secondary costs. The contract demand revenue requirements were divided by the applicable estimated standby contract demand billing determinants, which were developed based on a ratio reflecting the relationship between contract demand and monthly billing demands. This resulted in the contract demand charges.

The class revenue requirements to be recovered through the as-used daily demand charges were developed by applying the percentages applicable to as-used demand charges from the cost allocation matrix to the portions of the revenue requirement applicable to transmission, substation, primary, and secondary costs. The as-used daily demand charge revenue requirements were divided by the applicable estimated as-used daily demand billing determinants to develop the as-used daily demand charges.

The customer charges for standby service were based on the customer's otherwise applicable Service Classification's customer costs as outlined in the ECOS study.

5. <u>Voluntary Three Part Rate and Rate Impact Credit</u>

The Company will file within six months of a Commission order adopting this Proposal a three-part voluntary residential rate (including fixed, usage, and demand charges) "Three Part Rate". The Three Part Rate will not serve as precedent in any other proceeding before the Commission. The Three Part Rate may be modified based upon Commission action in other proceeding(s). In addition, the Three Part Rate will be subject to review in the Company's next base rate case.

The Three Part Rate will be proposed to be limited to: (1) residential customers with geothermal technologies that meet the requirements applicable to the NYSERDA Geothermal Rebate Program until a final rate design decision is set forth by the Commission in the VDER Rate Design Working Group (*i.e.*, Cases 14-M-0101, 15-E-0751, 16-M-0430, 17-01277) for all residential customers; and (2) other residential customers limited to a cumulative total of 500 customers by the end of the three-year term of this Electric Rate Plan.

The Company agrees to provide interested parties with a draft of the proposal, including projected bill impacts for both participating and non-participating customers, and supporting workpapers. The Company will host a webinar with parties to walk-through these documents and answer party questions before filing the proposal with the Commission. Further, the Company's proposal will note that participating customers may be directed to switch to a new rate based on future Commission Orders that direct utilities to update their rate structure tariffs.

The Company agrees to track the accounts with geothermal technologies that sign on to the Three Part Rate by adding a billing indicator in its Customer Information Management System. As the Company has the ability to track accounts on the three part rate, the Company will provide the following data points in an annual report filed with the Commission after approval of the Three-Part Rate: (1) the number of customers participating in the Three Part Rate, (2) the location of participating customers by county, (3) monthly on and off peak kW and kWh, (4) monthly bill impacts broken down by customer charge, peak and off peak demand, commodity, and other charges, and (5) the amount of the items listed under No. 4 for the SC No. 1 standard rate, where applicable. The Company will share its outreach and CSR training plans with the parties in these proceedings as part of its filing of the Three Part Rate with the Commission.

A Rate Impact Credit of $52.00 will also be available during the Electric Rate Plan. The Company will provide in an annual report the total Rate Impact Credit paid out in the previous year. Such credit will be available to participating customers who install equipment that meets the requirements applicable to the NYSERDA Geothermal Rebate Program and cannot take service under the Three Part Rate because: (1) the Three Part Rate has not yet been filed with or approved by the Commission; or (2) AMI metering is not yet available for their premises. Qualifying customers who opt out of AMI metering or who receive AMI metering and choose not to opt into the Three Part Rate will not be eligible to receive the Rate Impact Credit. Further, no Rate Impact Credits will be paid out after the earlier of: (1) full deployment of AMI in the Company's service territory (so long as the Three Part Rate has been approved by the Commission); or (2) December 31, 2021.

5. Make Whole Provisions

If the Commission makes rates effective for RY1 after January 1, 2019, the Company will implement a make whole provision. Differences in non-competiteive delivery service revenues that result from the extension of the Case 18-E-0067 suspension period plus interest at the Company's Other Customer Capital Rate will be collected via the implementation of a Delivery Revenue Surcharge ("DRS")[7]. The DRS will be in effect on the date rates become effective in this case through the remainder of RY1. The unit amount to be collected from customers will be shown by SC on the Statement of Delivery Revenue Surcharge[8]. Any difference between amounts required to be collected and actual amounts collected will be charged or credited to customers in a subsequent DRS Statement that will become effective March 1, 2020.

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[7] Competitive services' revenue differences associated with the extension of the Case 18-E-0067 suspension period will be reconciled and surcharged or recovered through the TACS.

[8] SC No. 25 customers will be charged on a per-kW of contract demand basis while all other SCs will be charged on a per-kWh basis.

6. Tariff Filing Dates

By January 1, 2019, 2020 and 2021 the Company will file tariff revisions implementing the rate changes for RY1, RY2, and RY3, respectively, unless the Commission makes rates effective for RY1 after January 1, 2019 in this proceeding, at which time the Company will place RY1 rates into effect on another date subject to the make whole provisions described above.

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Appendix 17 - Electric Revenue Allocation and Rate Design

Index of Schedules

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Impact of Proposed Rate Change on Total Revenue - Rate Year 1*
(Based on Billed Sales and Revenues)

BASED ON LEVELIZED REVENUE REQUIREMENT

Service Classification	Rate Year Billed Sales (MWH)	Customers	Revenue At Current Rates ($000s)	Revenue At Proposed Rates ($000s)	Change ($000s)	Percent Change
SC1	1,521,307	197,405	300,429	298,966	(1,464)	-0.5%
SC19	72,045	3,399	12,769	13,031	262	2.1%
Total Res	1,593,352	200,804	313,198	311,997	(1,202)	-0.4%
SC2 Sec Demand Billed	845,604	23,584	140,135	142,909	2,774	2.0%
SC2 Space Htg	24,281	322	2,934	2,982	48	1.7%
SC2 Non Demand Billed	16,762	4,662	3,889	3,690	(199)	-5.1%
SC20	82,499	449	10,974	11,106	132	1.2%
Total Secondary	969,147	29,017	157,932	160,687	2,755	1.7%
SC2 Pri	48,496	165	6,563	6,469	(95)	-1.4%
SC3	333,492	260	42,066	42,665	599	1.4%
SC21	36,026	25	4,610	4,677	67	1.5%
Total Primary	418,014	450	53,239	53,811	571	1.1%
Total Sec & Pri	1,387,161	29,466	211,171	214,498	3,326	1.6%
SC9 (Commercial)	476,301	48	52,557	52,663	106	0.2%
SC22 (Industrial)	318,010	33	34,369	34,593	224	0.7%
Total SC9 & SC22	794,311	81	86,926	87,256	329	0.4%
SC4	9,690	69	3,314	3,066	(248)	-7.5%
SC5	2,743	491	455	465	10	2.2%
SC6	6,009	2	926	942	16	1.8%
SC 16 -dusk-to-dawn	11,021	2,359	4,366	4,305	(61)	-1.4%
SC 16 - energy only	3,623	437	661	672	11	1.7%
SC16 - Total	14,644	2,796	5,027	4,978	(50)	-1.0%
Total Lighting	33,086	3,358	9,722	9,450	(271)	-2.8%
Total	3,807,910	233,709	621,017	623,200	2,183	0.4%

Notes:

* For comparison purposes, an estimated electric supply charge for retail access customers has been included in total revenues. This is equivalent, on a per unit basis, to the cost of electric supply included in full service customer revenues.

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Calculation of Incremental Revenue Requirement for Rate Year 1

BASED ON LEVELIZED REVENUE REQUIREMENT

a.	Incremental Revenue Requirement for Rate Year Including Gross Receipts/MTA Taxes	$8,613,000
b.	Gross Receipts/MTA Tax Included in Incremental Revenue Requirement (2)	$141,000
c.	Incremental Revenue Requirement for Rate Year Excluding Gross Receipts/MTA Taxes (a - b)	$8,472,000
d.	Low Income Credits	$9,923,000
e	Company Run EE Target	$4,760,000
e.	Total Revenue Reqirement + Low Income Credits - EE Costs	$13,635,000
f.	Rate Year Bundled Delivery Revenues	$298,710,905

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Allocation of Incremental Revenue Requirement Among Customer Classes for Rate Year 1

BASED ON LEVELIZED REVENUE REQUIREMENT

Class	Bundled Rate Yr. Delivery Rev. ($)	(Surplus)/ Deficiency ($)	Adj. Rate Yr. Delivery Revenue ($)	Proposed Rate Yr. Incr. @ 6.16% ($)	Rate Yr. Bundled Delivery Rev. at Proposed Rate Level ($)	Proposed Rate Yr. Increase Incl. (Surplus)/Deficiency ($)	Mitigation Adjustment ($)	Adjusted Rate Yr. Increase Incl. Mitigation Adj ($)	Rate Yr. Bundled %
SC1	169,743,100	1,263,294	171,006,394	9,718,856	180,725,250	10,982,150	(11,780)	10,970,370	6.5%
SC19	6,673,200	32,047	6,705,247	396,666	7,101,913	428,713	(463)	428,250	6.4%
Total Res	176,416,300	1,295,341	177,711,641	10,115,522	187,827,163	11,410,863	(12,243)	11,398,620	6.5%
SC2 Sec Dmd Billed	68,966,144	(75,614)	68,890,530	4,215,914	73,106,444	4,140,300	(4,765)	4,135,535	6.0%
SC2 Space Htg	954,008	75,479	1,029,486	69,706	1,099,192	145,185	(57,133)	88,052	9.2%
SC2 Non Dmd Billed	2,026,154	(268,739)	1,757,415	101,157	1,858,572	(167,582)	(121)	(167,703)	-8.3%
SC20	4,063,400	(21,700)	4,041,700	288,233	4,329,933	266,533	(282)	266,251	6.6%
Total Sec	76,009,705	(290,574)	75,719,131	4,675,009	80,394,141	4,384,435	(62,301)	4,322,134	5.7%
SC2 Pri	2,433,100	(175,280)	2,257,820	164,047	2,421,867	(11,233)	(158)	(11,391)	-0.5%
SC3	14,299,800	71,955	14,371,755	1,075,389	15,447,144	1,147,344	(1,007)	1,146,337	8.0%
SC21	1,597,200	7,859	1,605,059	118,569	1,723,627	126,427	(112)	126,315	7.9%
Total Pri	18,330,100	(95,467)	18,234,633	1,358,005	19,592,638	1,262,538	(1,277)	1,261,261	6.9%
Total Sec & Pri	94,339,805	(386,040)	93,953,765	6,033,014	99,986,778	5,646,973	(63,578)	5,583,395	5.9%
Total SC9 (Com)	12,994,000	(279,604)	12,714,396	1,179,323	13,893,719	899,719	(906)	898,813	6.9%
Total SC22 (Mfg)	8,133,000	38,217	8,171,217	768,151	8,939,368	806,368	(55,690)	750,678	9.2%
Total SC 9 & SC 22	21,127,000	(241,387)	20,885,613	1,947,474	22,833,087	1,706,087	(56,596)	1,649,491	7.8%
SC4	2,478,000	(465,640)	2,012,360	104,041	2,116,402	(361,598)	132,701	(228,898)	-9.2%
SC5	215,000	1,125	216,125	13,314	229,439	14,439	(15)	14,424	6.7%
SC6	421,000	0	421,000	26,773	447,773	26,773	(29)	26,744	6.4%
SC 16 -dusk-to-dawn	3,391,000	(203,874)	3,187,126	162,295	3,349,421	(41,579)	(218)	(41,797)	-1.2%
SC 16 - energy only	322,800	476	323,276	16,357	339,633	16,833	(22)	16,811	5.2%
SC16 - Total	3,713,800	(203,398)	3,510,402	178,651	3,689,053	(24,747)	(240)	(24,987)	-0.7%
Total Lights	6,827,800	(667,913)	6,159,887	322,780	6,482,667	(345,133)	132,417	(212,716)	-3.1%
Total	298,710,905	0	298,710,905	18,418,791	317,129,696	18,418,791	(0)	18,418,790	6.2%

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Determination of Non-Competitive Delivery Revenue Increases for Rate Year 1

BASED ON LEVELIZED REVENUE REQUIREMENT

		Rate Year Incremental Competitive Services Revenues								
Class	Adj. Rate Yr. Incr. Incl. (Surplus)/Deficiency ($)	MFC Supply Related Rev. ($)	MFC PP WC Related Rev. ($)	MFC Credit & Collections Related Rev. ($)	POR Credit & Collections Related Rev. ($)	Competitive Metering Related Rev. ($)	Customer Charge Rev. ($)	BPP Charge Rev. ($)	Total Rate Yr. Incrmtl Comp. Services Rev. ($)	Non-Competitive Rate Yr. Delivery Revenue Incr. ($)
SC1	10,970,370	(29,097)	223,292	(88,611)	33,756	0	(1,184,427)	613,314	(431,773)	11,402,142
SC19	428,250	(986)	7,566	(3,003)	5,099	0	16	10,707	19,399	408,851
Total Res	11,398,620	(30,082)	230,858	(91,614)	38,855	0	(1,184,411)	624,020	(412,374)	11,810,993
SC2 Sec Dmd Billed	4,135,535	(49,665)	69,567	(27,607)	(13,740)	(98,534)	(0)	62,197	(57,782)	4,193,317
SC2 Space Htg	88,052	(831)	1,166	(462)	84	(1,314)	0	0	(1,358)	89,410
SC2 Non Dmd Billed	(167,703)	(1,966)	2,753	(1,093)	(1,052)	(9,604)	0	12,295	1,334	(169,037)
SC20	266,251	(1,708)	2,390	(949)	(473)	(17,566)	30	1,429	(16,847)	283,097
Total Sec	4,322,134	(54,170)	75,876	(30,111)	(15,181)	(127,018)	30	75,921	(74,653)	4,396,787
SC2 Pri	(11,391)	429	3,583	(78)	(1,537)	(3,123)	60	17,731	17,066	(28,457)
SC3	1,146,337	1,342	11,200	(242)	(5,169)	(8,509)	(40)	872	(545)	1,146,882
SC21	126,315	49	403	(9)	(207)	(2,497)	(300)	80	(2,480)	128,795
Total Pri	1,261,261	1,820	15,187	(329)	(6,913)	(14,129)	(280)	18,684	14,040	1,247,221
Total Sec & Pri	5,583,395	(52,350)	91,063	(30,440)	(22,094)	(141,147)	(250)	94,605	(60,613)	5,644,008
Total SC9 (Com)	898,813	2,885	24,077	(521)	(9,828)	(3,438)	0	257	13,431	885,382
Total SC22 (Mfg)	750,678	1,169	9,763	(211)	(4,229)	(2,366)	0	261	4,387	746,291
Total SC 9 & SC 22	1,649,491	4,054	33,840	(732)	(14,057)	(5,804)	0	517	17,819	1,631,673
SC4	(228,898)	(354)	495	(197)	14	0	0	0	(42)	(228,856)
SC5	14,424	(86)	119	(48)	33	0	0	1,677	1,695	12,729
SC6	26,744	0	0	0	301	0	0	0	301	26,443
SC 16 -dusk-to-dawn	(41,797)	(1,602)	2,244	(890)	(840)	0	0	83	(1,005)	(40,792)
SC 16 - energy only	16,811	(527)	737	(292)	(283)	0	(16)	1,375	994	15,817
SC16 - Total	(24,987)	(2,129)	2,981	(1,182)	(1,123)	0	(16)	1,458	(11)	(24,975)
Total Lights	(212,716)	(2,569)	3,595	(1,427)	(775)	0	(16)	3,135	1,943	(214,659)
Total	18,418,790	(80,947)	359,357	(124,213)	1,929	(146,951)	(1,184,677)	722,277	(453,225)	18,872,016

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Impact of Proposed Rate Change on Total Revenue - Rate Year 2*
(Based on Billed Sales and Revenues)

BASED ON LEVELIZED REVENUE REQUIREMENT

Service Classification	Rate Year Billed Sales (MWH)	Customers	Revenue At Current Rates ($000s)	Revenue At Proposed Rates ($000s)	Change ($000s)	Percent Change
SC1	1,533,700	198,607	301,271	309,051	7,780	2.6%
SC19	72,664	3,351	13,095	13,391	296	2.3%
Total Res	1,606,364	201,958	314,366	322,442	8,076	2.6%
SC2 Sec Demand Billed	847,999	23,821	143,169	145,821	2,653	1.9%
SC2 Space Htg	24,350	298	2,981	3,041	60	2.0%
SC2 Non Demand Billed	16,810	4,638	3,682	3,575	(107)	-2.9%
SC20	82,765	454	11,154	11,301	147	1.3%
Total Secondary	971,924	29,211	160,986	163,738	2,752	1.7%
SC2 Pri	48,865	169	6,477	6,388	(89)	-1.4%
SC3	333,342	260	42,658	43,346	688	1.6%
SC21	36,000	25	4,657	4,733	76	1.6%
Total Primary	418,207	453	53,792	54,467	675	1.3%
Total Sec & Pri	1,390,131	29,664	214,778	218,206	3,427	1.6%
SC9 (Commercial)	480,296	48	53,040	53,353	313	0.6%
SC22 (Industrial)	318,212	33	34,654	35,085	431	1.2%
Total SC9 & SC22	798,508	81	87,694	88,438	744	0.9%
SC4	9,750	69	3,077	2,948	(129)	-4.2%
SC5	2,756	486	466	476	10	2.2%
SC6	6,027	2	925	941	16	1.8%
SC 16 -dusk-to-dawn	11,077	2,363	4,314	4,219	(96)	-2.2%
SC 16 - energy only	3,643	438	673	686	12	1.8%
SC16 - Total	14,720	2,801	4,988	4,904	(83)	-1.7%
Total Lighting	33,253	3,358	9,455	9,269	(186)	-2.0%
Total	3,828,256	235,061	626,293	638,355	12,062	1.9%

Notes:

* For comparison purposes, an estimated electric supply charge for retail access customers has been included in total revenues. This is equivalent, on a per unit basis, to the cost of electric supply included in full service customer revenues.

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Calculation of Incremental Revenue Requirement for Rate Year 2

BASED ON LEVELIZED REVENUE REQUIREMENT

a.	Incremental Revenue Requirement for Rate Year Including Gross Receipts/MTA Taxes	$12,056,000
b.	Gross Receipts/MTA Tax Included in Incremental Revenue Requirement (2)	$197,000
c.	Incremental Revenue Requirement for Rate Year Excluding Gross Receipts/MTA Taxes (a - b)	$11,859,000
d.	Low Income Credits	$177,000
e	Company Run EE Target	$1,000,000
e.	Total Revenue Reqirement + Low Income Credits - EE Costs	$11,036,000
f.	Rate Year Bundled Delivery Revenues	$318,577,999

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Allocation of Incremental Revenue Requirement Among Customer Classes for Rate Year 2

BASED ON LEVELIZED REVENUE REQUIREMENT

Class	Bundled Rate Yr. Delivery Rev. ($)	(Surplus)/ Deficiency ($)	Adj. Rate Yr. Delivery Revenue ($)	Proposed Rate Yr. Incr. @ 3.78% ($)	Rate Yr. Bundled Delivery Rev. at Proposed Rate Level ($)	Proposed Rate Yr. Increase Incl. (Surplus)/Deficiency ($)	Mitigation Adjustment ($)	Adjusted Rate Yr. Increase Incl. Mitigation Adj ($)	Rate Yr. Bundled %
SC1	181,940,900	1,263,294	183,204,194	6,749,462	189,953,656	8,012,756	(184,478)	7,828,278	4.3%
SC19	7,108,800	32,047	7,140,847	266,463	7,407,310	298,510	(7,194)	291,316	4.1%
Total Res	189,049,700	1,295,341	190,345,041	7,015,925	197,360,966	8,311,266	(191,672)	8,119,594	4.3%
SC2 Sec Dmd Billed	73,231,721	(75,614)	73,156,107	2,758,728	75,914,835	2,683,115	(73,726)	2,609,389	3.6%
SC2 Space Htg	1,043,369	75,479	1,118,847	43,518	1,162,365	118,996	(60,997)	57,999	5.6%
SC2 Non Dmd Billed	1,854,210	(268,739)	1,585,471	59,311	1,644,781	(209,429)	104,349	(105,080)	-5.7%
SC20	4,364,700	(21,700)	4,343,000	172,196	4,515,196	150,496	(4,385)	146,111	3.4%
Total Sec	80,493,999	(290,574)	80,203,426	3,033,753	83,237,178	2,743,179	(34,759)	2,708,420	3.4%
SC2 Pri	2,414,600	(175,280)	2,239,320	90,413	2,329,734	(84,866)	(2,263)	(87,129)	-3.6%
SC3	15,429,700	71,955	15,501,655	624,592	16,126,246	696,546	(15,661)	680,885	4.4%
SC21	1,707,200	7,859	1,715,059	68,872	1,783,930	76,730	(1,733)	74,997	4.4%
Total Pri	19,551,500	(95,467)	19,456,033	783,877	20,239,910	688,410	(19,657)	668,753	3.4%
Total Sec & Pri	100,045,499	(386,040)	99,659,459	3,817,629	103,477,088	3,431,589	(54,416)	3,377,173	3.4%
Total SC9 (Com)	13,939,000	(279,604)	13,659,396	599,389	14,258,785	319,785	(13,848)	305,937	2.2%
Total SC22 (Mfg)	8,934,000	38,217	8,972,217	393,446	9,365,663	431,663	(9,096)	422,567	4.7%
Total SC 9 & SC 22	22,873,000	(241,387)	22,631,613	992,835	23,624,448	751,448	(22,944)	728,504	3.2%
SC4	2,256,000	(465,640)	1,790,360	64,583	1,854,943	(401,057)	273,208	(127,849)	-5.7%
SC5	229,000	1,125	230,125	8,696	238,821	9,821	(232)	9,589	4.2%
SC6	429,000	0	429,000	16,445	445,445	16,445	(433)	16,012	3.7%
SC 16 -dusk-to-dawn	3,357,000	(203,874)	3,153,126	112,742	3,265,868	(91,132)	(3,172)	(94,304)	-2.8%
SC 16 - energy only	338,800	476	339,276	12,108	351,384	12,584	(341)	12,243	3.6%
SC16 - Total	3,695,800	(203,398)	3,492,402	124,850	3,617,252	(78,548)	(3,513)	(82,061)	-2.2%
Total Lights	6,609,800	(667,913)	5,941,887	214,574	6,156,461	(453,339)	269,030	(184,309)	-2.8%
Total	318,577,999	0	318,577,999	12,040,963	330,618,962	12,040,963	(2)	12,040,961	3.8%

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Determination of Non-Competitive Delivery Revenue Increases for Rate Year 2

BASED ON LEVELIZED REVENUE REQUIREMENT

		Rate Year Incremental Competitive Services Revenues								
Class	Adj. Rate Yr. Incr. Incl. (Surplus)/Deficiency ($)	MFC Supply Related Rev. ($)	MFC PP WC Related Rev. ($)	MFC Credit & Collections Related Rev. ($)	POR Credit & Collections Related Rev. ($)	Competitive Metering Related Rev. ($)	Customer Charge Rev. ($)	BPP Charge Rev. ($)	Total Rate Yr. Incrmtl Comp. Services Rev. ($)	Non-Competitive Rate Yr. Delivery Revenue Incr. ($)
SC1	7,828,278	118,591	(2,141)	21,866	27,992	0	177	0	166,485	7,661,793
SC19	291,316	3,990	(73)	735	1,912	0	(16)	0	6,548	284,768
Total Res	8,119,594	122,581	(2,214)	22,601	29,904	0	161	0	173,033	7,946,561
SC2 Sec Dmd Billed	2,609,389	30,661	(658)	6,726	2,454	165,622	(0)	0	204,804	2,404,584
SC2 Space Htg	57,999	515	(11)	112	104	2,074	0	0	2,793	55,206
SC2 Non Dmd Billed	(105,080)	1,214	(26)	266	(5)	16,050	0	0	17,499	(122,578)
SC20	146,111	1,054	(23)	231	85	3,846	(15)	0	5,179	140,933
Total Sec	2,708,420	33,443	(718)	7,335	2,638	187,592	(15)	0	230,275	2,478,145
SC2 Pri	(87,129)	834	(34)	197	82	954	240	0	2,274	(89,403)
SC3	680,885	2,586	(106)	613	619	2,054	(20)	0	5,746	675,139
SC21	74,997	93	(3)	22	43	8	(300)	0	(137)	75,135
Total Pri	668,753	3,513	(143)	832	744	3,016	(80)	0	7,883	660,871
Total Sec & Pri	3,377,173	36,957	(861)	8,167	3,382	190,608	(95)	0	238,157	3,139,016
Total SC9 (Com)	305,937	5,796	(237)	1,373	41	2,562	0	0	9,534	296,403
Total SC22 (Mfg)	422,567	2,258	(93)	535	263	1,763	0	0	4,726	417,841
Total SC 9 & SC 22	728,504	8,053	(330)	1,908	304	4,325	0	0	14,260	714,243
SC4	(127,849)	219	(5)	47	40	0	0	0	302	(128,150)
SC5	9,589	53	(1)	12	15	0	0	0	79	9,510
SC6	16,012	0	0	0	60	0	0	0	60	15,952
SC 16 -dusk-to-dawn	(94,304)	990	(21)	217	0	0	0	0	1,186	(95,489)
SC 16 - energy only	12,243	326	(7)	72	(2)	0	188	0	577	11,665
SC16 - Total	(82,061)	1,316	(28)	289	(2)	0	188	0	1,763	(83,824)
Total Lights	(184,309)	1,589	(34)	348	113	0	188	0	2,203	(186,513)
Total	12,040,961	169,180	(3,440)	33,024	33,703	194,933	254	0	427,654	11,613,307

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Impact of Proposed Rate Change on Total Revenue - Rate Year 3* (Based on Billed Sales and Revenues)

BASED ON LEVELIZED REVENUE REQUIREMENT

Service Classification	Rate Year Billed Sales (MWH)	Customers	Revenue At Current Rates ($000s)	Revenue At Proposed Rates ($000s)	Change ($000s)	Percent Change
SC1	1,521,344	198,607	307,157	314,791	7,634	2.5%
SC19	72,095	3,351	13,283	13,571	288	2.2%
Total Res	1,593,439	201,958	320,440	328,361	7,921	2.5%
SC2 Sec Demand Billed	838,274	24,082	142,683	145,226	2,543	1.8%
SC2 Space Htg	24,071	274	2,974	3,022	48	1.6%
SC2 Non Demand Billed	16,617	4,614	3,517	3,496	(22)	-0.6%
SC20	81,820	454	10,995	11,144	148	1.4%
Total Secondary	960,782	29,423	160,170	162,888	2,718	1.7%
SC2 Pri	48,521	169	6,318	6,290	(29)	-0.5%
SC3	333,424	260	43,219	43,933	714	1.7%
SC21	36,033	25	4,755	4,835	80	1.7%
Total Primary	417,978	453	54,292	55,057	765	1.4%
Total Sec & Pri	1,378,760	29,876	214,461	217,945	3,484	1.6%
SC9 (Commercial)	485,237	48	53,754	54,132	378	0.7%
SC22 (Industrial)	317,500	33	34,841	35,262	421	1.2%
Total SC9 & SC22	802,737	81	88,595	89,394	799	0.9%
SC4	9,685	69	2,935	2,907	(27)	-0.9%
SC5	2,741	486	473	482	9	1.9%
SC6	6,009	2	928	944	16	1.8%
SC 16 -dusk-to-dawn	11,011	2,367	4,205	4,163	(42)	-1.0%
SC 16 - energy only	3,624	439	682	695	12	1.8%
SC16 - Total	14,635	2,806	4,887	4,858	(29)	-0.6%
Total Lighting	33,070	3,363	9,223	9,191	(32)	-0.3%
Total	3,808,006	235,278	632,719	644,892	12,172	1.9%

Notes:

* For comparison purposes, an estimated electric supply charge for retail access customers has been included in total revenues. This is equivalent, on a per unit basis, to the cost of electric supply included in full service customer revenues.

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Calculation of Incremental Revenue Requirement for Rate Year 3

BASED ON LEVELIZED REVENUE REQUIREMENT

a.	Incremental Revenue Requirement for Rate Year Including Gross Receipts/MTA Taxes	$6,485,000
b.	Gross Receipts/MTA Tax Included in Incremental Revenue Requirement (2)	$106,000
c.	Incremental Revenue Requirement for Rate Year Excluding Gross Receipts/MTA Taxes (a - b)	$6,379,000
d.	Low Income Credits	$63,000
e	Company Run EE Target	$1,800,000
e.	Total Revenue Reqirement + Low Income Credits - EE Costs	$4,642,000
f.	Rate Year Bundled Delivery Revenues	$327,055,199

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Allocation of Incremental Revenue Requirement Among Customer Classes for Rate Year 3

BASED ON LEVELIZED REVENUE REQUIREMENT

Class	Bundled Rate Yr. Delivery Rev. ($)	(Surplus)/ Deficiency ($)	Adj. Rate Yr. Delivery Revenue ($)	Proposed Rate Yr. Incr. @ 1.97% ($)	Rate Yr. Bundled Delivery Rev. at Proposed Rate Level ($)	Proposed Rate Yr. Increase Incl. (Surplus)/Deficiency ($)	Mitigation Adjustment ($)	Adjusted Rate Yr. Increase Incl. Mitigation Adj ($)	Rate Yr. Bundled %
SC1	189,031,500	1,263,294	190,294,794	3,424,332	193,719,126	4,687,626	(335,026)	4,352,600	2.3%
SC19	7,349,300	32,047	7,381,347	139,048	7,520,395	171,095	(13,006)	158,089	2.2%
Total Res	196,380,800	1,295,341	197,676,141	3,563,380	201,239,521	4,858,721	(348,032)	4,510,689	2.3%
SC2 Sec Dmd Billed	73,606,713	(75,614)	73,531,099	1,445,245	74,976,344	1,369,631	(129,667)	1,239,964	1.7%
SC2 Space Htg	1,067,972	75,479	1,143,451	24,743	1,168,195	100,222	(70,688)	29,534	2.8%
SC2 Non Dmd Billed	1,707,614	(268,739)	1,438,875	28,271	1,467,146	(240,468)	190,016	(50,452)	-3.0%
SC20	4,290,700	(21,700)	4,269,000	99,498	4,368,498	77,798	(7,555)	70,243	1.6%
Total Sec	80,672,999	(290,574)	80,382,426	1,597,757	81,980,182	1,307,183	(17,894)	1,289,289	1.6%
SC2 Pri	2,292,700	(175,280)	2,117,420	53,126	2,170,546	(122,154)	54,415	(67,739)	-3.0%
SC3	16,017,700	71,955	16,089,655	386,913	16,476,567	458,867	(28,495)	430,372	2.7%
SC21	1,804,200	7,859	1,812,059	42,853	1,854,912	50,712	(3,208)	47,504	2.6%
Total Pri	20,114,600	(95,467)	20,019,133	482,892	20,502,025	387,425	22,712	410,137	2.0%
Total Sec & Pri	100,787,599	(386,040)	100,401,559	2,080,649	102,482,207	1,694,608	4,818	1,699,426	1.7%
Total SC9 (Com)	14,281,000	(279,604)	14,001,396	429,463	14,430,859	149,859	(24,957)	124,902	0.9%
Total SC22 (Mfg)	9,210,000	38,217	9,248,217	280,477	9,528,694	318,694	(63,059)	255,635	2.8%
Total SC 9 & SC 22	23,491,000	(241,387)	23,249,613	709,940	23,959,554	468,554	(88,016)	380,538	1.6%
SC4	2,123,000	(465,640)	1,657,360	28,128	1,685,488	(437,512)	374,786	(62,725)	-3.0%
SC5	237,000	1,125	238,125	4,683	242,808	5,808	(420)	5,388	2.3%
SC6	433,000	0	433,000	9,003	442,003	9,003	(764)	8,239	1.9%
SC 16 -dusk-to-dawn	3,252,000	(203,874)	3,048,126	49,545	3,097,671	(154,329)	58,247	(96,082)	-3.0%
SC 16 - energy only	350,800	476	351,276	5,664	356,940	6,140	(617)	5,523	1.6%
SC16 - Total	3,602,800	(203,398)	3,399,402	55,208	3,454,610	(148,190)	57,630	(90,559)	-2.5%
Total Lights	6,395,800	(667,913)	5,727,887	97,023	5,824,910	(570,890)	431,233	(139,657)	-2.2%
Total	327,055,199	0	327,055,199	6,450,993	333,506,192	6,450,993	3	6,450,995	2.0%

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Determination of Non-Competitive Delivery Revenue Increases for Rate Year 3

BASED ON LEVELIZED REVENUE REQUIREMENT

		Rate Year Incremental Competitive Services Revenues								
Class	Adj. Rate Yr. Incr. Incl. (Surplus)/Deficiency ($)	MFC Supply Related Rev. ($)	MFC PP WC Related Rev. ($)	MFC Credit & Collections Related Rev. ($)	POR Credit & Collections Related Rev. ($)	Competitive Metering Related Rev. ($)	Customer Charge Rev. ($)	BPP Charge Rev. ($)	Total Rate Yr. Incrmtl Comp. Services Rev. ($)	Non-Competitive Rate Yr. Delivery Revenue Incr. ($)
SC1	4,352,600	24,643	338	1,194	8,654	0	177	0	35,006	4,317,594
SC19	158,089	823	11	40	878	0	(16)	0	1,737	156,352
Total Res	4,510,689	25,467	349	1,234	9,532	0	161	0	36,743	4,473,946
SC2 Sec Dmd Billed	1,239,964	10,373	103	363	208	5,773	(0)	0	16,819	1,223,145
SC2 Space Htg	29,534	174	2	6	65	66	0	0	313	29,221
SC2 Non Dmd Billed	(50,452)	410	4	14	(93)	542	0	0	877	(51,330)
SC20	70,243	356	4	12	7	1,139	(15)	0	1,503	68,740
Total Sec	1,289,289	11,314	112	395	187	7,520	(15)	0	19,512	1,269,777
SC2 Pri	(67,739)	(358)	5	(131)	(135)	438	240	0	60	(67,799)
SC3	430,372	(1,117)	17	(408)	(422)	427	(20)	0	(1,523)	431,896
SC21	47,504	(41)	1	(15)	(15)	1	(300)	0	(369)	47,873
Total Pri	410,137	(1,515)	23	(554)	(572)	866	(80)	0	(1,833)	411,970
Total Sec & Pri	1,699,426	9,799	135	(159)	(385)	8,386	(95)	0	17,680	1,681,746
Total SC9 (Com)	124,902	(2,641)	39	(964)	(997)	553	0	0	(4,009)	128,912
Total SC22 (Mfg)	255,635	(969)	14	(355)	(366)	381	0	0	(1,294)	256,930
Total SC 9 & SC 22	380,538	(3,610)	54	(1,319)	(1,363)	934	0	0	(5,304)	385,841
SC4	(62,725)	75	1	3	24	0	0	0	103	(62,828)
SC5	5,388	18	0	1	12	0	0	0	31	5,357
SC6	8,239	0	0	0	60	0	0	0	60	8,179
SC 16 -dusk-to-dawn	(96,082)	336	3	12	(72)	0	0	0	280	(96,362)
SC 16 - energy only	5,523	111	1	4	(26)	0	392	0	482	5,041
SC16 - Total	(90,559)	447	4	16	(98)	0	392	0	762	(91,321)
Total Lights	(139,657)	540	5	20	(2)	0	392	0	956	(140,613)
Total	6,450,995	32,196	543	(224)	7,782	9,320	458	0	50,075	6,400,921

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Calculation of Rate Year 3 Increase Collected through a Temporary Surcharge to the Energy Cost Adjustment

Class	Bundled Rate Yr. 3 Delivery Rev. (1) ($)	Rate Yr. 3 Incr. 1.70982% ($)	Rate Yr. 3 Sales (MWh)	Temporary ECA Surcharge ($)/kWh
SC1	189,031,500	3,232,098	1,521,344	0.00212
SC19	7,349,300	125,660	72,095	0.00174
Total Res	196,380,800	3,357,758	1,593,439	
SC2 Sec	73,606,713	1,258,542	838,274	0.00150
SC2 Sec Heating	1,067,972	18,260	24,071	0.00076
SC2 Sec ND & UM	1,707,614	29,197	16,617	0.00176
SC20	4,290,700	73,363	81,820	0.00090
Total Sec	80,672,999	1,379,362	960,782	
SC2 Pri	2,292,700	39,201	48,521	0.00081
SC3	16,017,700	273,874	333,424	0.00082
SC21	1,804,200	30,849	36,033	0.00086
Total Pri	20,114,600	343,924	417,978	
Total Sec & Pri	100,787,599	1,723,286	1,378,760	
Total SC9 (Com)	14,281,000	244,179	485,237	0.00050
Total SC22 (Mfg)	9,210,000	157,474	317,500	0.00050
* Includes SC25 Rate IV				
Total SC 9 & SC 22	23,491,000	401,653	802,737	
SC4	2,123,000	36,299	9,685	0.00375
SC5	237,000	4,052	2,741	0.00148
SC6	433,000	7,404	6,009	0.00123
SC 16 -dusk-to-dawn	3,252,000	55,603	11,011	0.00505
SC 16 - energy only	350,800	5,998	3,624	0.00166
SC16 - Total	3,602,800	61,601	14,635	
Total Lights	6,395,800	101,952	33,070	
Total	327,055,199	5,584,649	3,808,006	

Notes:

RY 3 ECA Increase	$5,685,000
Revenue Taxes	92,949
Increase Less Revenue Taxes	5,592,051
RY 3 Delivery Revenues	327,055,199
% Increase	1.70982%

Appendix 17
Schedule 4

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-E-0067

Summary of MFC Monthly Targets
For Rates Effective January 1, 2019, January 1, 2020 and January 1, 2021

BASED ON LEVELIZED REVENUE REQUIREMENT

For Rates Effective January 1, 2019	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Supply Related Component*	$351,874	$318,658	$297,061	$267,465	$256,391	$303,747	$418,949	$437,809	$390,138	$279,853	$276,548	$316,214	$3,914,707
Credit and Collections Related Component	$63,310	$57,187	$53,309	$47,913	$45,904	$54,486	$75,533	$79,046	$70,185	$50,216	$49,531	$56,809	703,428
POR Discount Related Component	70,559	63,676	59,439	53,337	51,169	60,591	83,646	87,585	77,599	55,731	54,650	62,615	780,597
Total	$485,743	$439,521	$409,808	$368,715	$353,463	$418,825	$578,128	$604,439	$537,922	$385,800	$380,728	$435,639	$5,398,732

For Rates Effective January 1, 2020	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Supply Related Component*	$367,397	$330,446	$305,456	$276,447	$266,825	$326,239	$415,214	$459,649	$400,137	$313,889	$287,178	$332,345	$4,081,221
Credit and Collections Related Component	$66,073	$59,304	$54,812	$49,539	$47,756	$58,528	$74,876	$82,959	$71,981	$56,357	$51,406	$59,758	733,348
POR Discount Related Component	$73,636	$66,031	$61,112	$55,148	$53,234	$65,082	$82,895	$91,942	$79,606	$62,541	$56,720	$65,853	813,800
Total	$507,105	$455,780	$421,380	$381,134	$367,815	$449,849	$572,985	$634,550	$551,724	$432,787	$395,303	$457,956	$5,628,369

For Rates Effective January 1, 2021	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Supply Related Component*	$370,092	$333,590	$309,148	$279,931	$269,748	$326,689	$427,290	$466,387	$407,867	$314,675	$275,975	$335,470	$4,116,862
Credit and Collections Related Component	$66,532	$59,917	$55,487	$50,156	$48,262	$58,661	$77,005	$84,201	$73,423	$56,449	$49,421	$60,240	739,753
POR Discount Related Component	$74,142	$66,714	$61,882	$55,857	$53,847	$65,216	$85,246	$93,280	$81,181	$62,644	$54,515	$66,384	820,907
Total	$510,765	$460,221	$426,517	$385,944	$371,857	$450,565	$589,540	$643,869	$562,470	$433,769	$379,911	$462,093	$5,677,522

* MFC Supply Related Component Includes purchased power working capital.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 1

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:	per month	$20.00	$20.00	$19.50	$19.50
Delivery Charges:					
First 250 kWh	¢ per kWh	7.296	7.296	7.972	7.972
Over 250 kWh	¢ per kWh	8.743	7.296	9.603	7.972
Water Heating:					
500 - 1,000 kWh	¢ per kWh	8.069	6.190	9.603	7.972
Space Heating:					
Over 500 kWh	¢ per kWh	8.743	6.190	9.603	7.972
Heat Pump:					
500 - 1,000 kWh	¢ per kWh	8.743	6.190	9.603	7.972
Minimum Charge:					
Monthly*	monthly	$20.00		$19.50	
Per Contract	per contract	120.00		117.00	
Merchant Function Charge					
Supply Related	¢ per kWh	0.351		0.327	
Purch Pwr Wrking Cap	¢ per kWh	0.036		0.058	
Credit & Collections	¢ per kWh	0.074		0.060	
Uncollectibles	¢ per kWh	Variable		Variable	
Billing and Payment Processing Chg	per bill	$1.02		$1.30	

Present	Proposed
Plus:	Plus:
Energy Cost Adjustment	
System Benefits Charge	Please refer to Present Rates
Transition Adjustment for Competitive Services	
Revenue Decoupling Mechanism Adjustment	
Increase in Rates and Charges	
Market Supply Charge	

* Plus any applicable billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 2 Secondary Demand Billed

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:					
Metered Service	per month	$21.00	$21.00	$21.00	$21.00
Delivery Charge:					
Demand Charge					
First 5 kW	per kW	$2.44	$1.44	$2.79	$1.65
Over 5 kW	per kW	16.06	9.33	18.37	10.67
Usage Charge					
First 1,250 kWh	¢ per kWh	5.549	4.283	5.272	4.069
Second Block	¢ per kWh	2.977	2.868	2.977	2.868
Third Block	¢ per kWh	1.499	1.389	2.390	2.255
Minimum Charge		Customer Charge plus the demand charges*		Customer Charge plus the demand charges*	
Merchant Function Charge					
Supply Related	¢ per kWh	0.225		0.187	
Purch Pwr Wrking Cap	¢ per kWh	0.036		0.058	
Credit & Collections	¢ per kWh	0.045		0.031	
Uncollectibles	¢ per kWh	Variable		Variable	
Metering Charges					
Non-MDAHP:					
Ownership	per bill	$2.86		$2.51	
Service Provider	per bill	10.43		10.67	
Data Service Provider	per bill	3.11		2.88	
Subject to MDAHP:					
Ownership	per bill	$20.44		$12.84	
Service Provider	per bill	18.48		34.28	
Data Service Provider	per bill	31.76		15.51	
Billing and Payment Processing Chg	per bill	$1.02		$1.30	

* Plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 2 Secondary Demand Billed (Continued)

	Present		Proposed	
	Summer	Winter	Summer	Winter
Plus:			Plus:	
Energy Cost Adjustment System Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Market Supply Charge Reactive Power Demand Charge (if applicable)			Please refer to Present Rates	

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 2 Secondary - Non-Demand Billed Customers

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:					
Metered Service	per month	$18.00	$18.00	$18.00	$18.00
Unmetered Service	per month	17.00	17.00	17.00	17.00
Delivery Charge:					
Usage Charge					
All kWh	¢ per kWh	6.764	4.999	5.539	4.093
Space Heating:					
Delivery	¢ per kWh	9.941	2.484	11.016	2.753
Minimum Charge		Customer Charge*		Customer Charge*	
Merchant Function Charge					
Supply Related	¢ per kWh	0.225		0.187	
Purch Pwr Wrking Cap	¢ per kWh	0.036		0.058	
Credit & Collections	¢ per kWh	0.045		0.031	
Uncollectibles	¢ per kWh	Variable		Variable	
Metering Charges (Applicable to Metered Service Only)					
Ownership	per bill	$2.86		$2.51	
Service Provider	per bill	10.43		10.67	
Data Service Provider	per bill	3.11		2.88	
Billing and Payment Processing Chg	per bill	$1.02		$1.30	
Plus: Energy Cost Adjustment System Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Market Supply Charge Reactive Power Demand Charge (if applicable)				Plus: Please refer to Present Rates	

* Plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 2 Primary

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:	per month	$35.00	$35.00	$35.00	$35.00
Delivery Charge:					
Demand Charge					
All kW	per kW	$15.51	$8.61	$16.64	$9.23
Usage Charge					
All kWh	¢ per kWh	1.539	1.534	1.228	1.228
Minimum Charge		Customer Charge plus the demand charges*		Customer Charge plus the demand charges*	
Merchant Function Charge					
Supply Related	¢ per kWh	0.089		0.071	
Purch Pwr Wrking Cap	¢ per kWh	0.036		0.058	
Credit & Collections	¢ per kWh	0.014		0.009	
Uncollectibles	¢ per kWh	Variable		Variable	
Metering Charges					
Non-MDAHP:					
Ownership	per bill	$5.30		$4.41	
Service Provider	per bill	19.30		18.78	
Data Service Provider	per bill	2.96		2.91	
Subject to MDAHP:					
Ownership	per bill	$20.44		$12.84	
Service Provider	per bill	18.48		34.28	
Data Service Provider	per bill	31.76		15.51	
Billing and Payment Processing Chg	per bill	$1.02		$1.30	
Plus:				Plus:	
Energy Cost Adjustment					
System Benefits Charge					
Transition Adjustment for Competitive Services					
Revenue Decoupling Mechanism Adjustment					
Increase in Rates and Charges					
Market Supply Charge					
Reactive Power Demand Charge (if applicable)					

* Plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 3

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:	per month	$120.00	$120.00	$120.00	$120.00
Delivery Charge:					
Demand Charge	per kW	$18.63	$10.55	$20.51	$11.61
Usage Charge All kWh	¢ per kWh	0.696	0.696	0.696	0.696
Minimum Charge:		$120.00	plus the demand charges*	$120.00	plus the demand charges*
Merchant Function Charge					
Supply Related	¢ per kWh	0.089		0.071	
Purch Pwr Wrking Cap	¢ per kWh	0.036		0.058	
Credit & Collections	¢ per kWh	0.014		0.009	
Uncollectibles		Variable		Variable	
Metering Charges (Applicable to Metered Service Only)					
Non-MDAHP:					
Ownership	per bill	$4.49		$3.99	
Service Provider	per bill	16.37		16.97	
Data Service Provider	per bill	1.45		1.44	
Subject to MDAHP:					
Ownership	per bill	$20.44		$12.84	
Service Provider	per bill	18.48		34.28	
Data Service Provider	per bill	31.76		15.51	
Billing and Payment Processing Chg	per bill	$1.02		$1.30	
Plus:				Plus:	
Energy Cost Adjustment					
System Benefits Charge					
Transition Adjustment for Competitive Services				Please refer to Present Rates	
Revenue Decoupling Mechanism Adjustment					
Increase in Rates and Charges					
Market Supply Charge					
Reactive Power Demand Charge (if applicable)					

* Plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 4

Luminaries Charge, per month

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
Street Lighting Luminaires					
5,800	Sodium Vapor	70	108	$13.48	$12.23
9,500	Sodium Vapor	100	142	14.72	13.35
16,000	Sodium Vapor	150	199	17.49	15.86
27,500	Sodium Vapor	250	311	23.37	21.20
46,000	Sodium Vapor	400	488	32.73	29.69
LED Street Lighting Luminaires					
3,000	LED	20-25	23	$9.96	$9.96
3,900	LED	30-39	35	10.07	10.07
5,000	LED	40-59	50	10.18	10.18
7,250	LED	60-75	68	11.24	11.24
12,000	LED	95-110	103	11.84	11.84
16,000	LED	130-150	140	13.01	13.01
22,000	LED	180-220	200	17.73	17.73
Off-Roadway Luminaires					
27,500	Sodium Vapor	250	311	$30.29	$27.48
46,500	Sodium Vapor	400	488	37.44	33.96

The following luminaires will no longer be installed. Charges are for existing luminaires only.

600	Open Bottom Inc	52	52	$6.67	$6.05
800	Open Bottom Inc	62	62	6.72	6.10
1,000	Open Bottom Inc	92	92	9.08	8.24
2,500	Open Bottom Inc	189	189	12.33	11.18
2,500	Closed Bottom Inc	189	189	12.60	11.43
4,000	Closed Bottom Inc	295	295	15.97	14.49
6,000	Closed Bottom Inc	405	405	19.23	17.44
-	Ornamental Inc	200	200	13.64	12.37
4,000	Mercury Vapor PB	100	127	10.69	9.70
4,000	Mercury Vapor	100	127	12.10	10.98
7,900	Mercury Vapor PB	175	215	13.14	11.92
7,900	Mercury Vapor	175	211	14.67	13.31
12,000	Mercury Vapor	250	296	19.23	17.44
40,000	Mercury Vapor	700	786	37.72	34.22
22,500	Mercury Vapor	400	459	24.58	22.30
59,000	Mercury Vapor	1,000	1,105	48.25	43.77
130,000	Sodium Vapor	1,000	1,120	68.89	62.49
	Post Top M.V.	100	130	16.47	14.94
	Post Top M.V.	175	215	19.66	17.83
	Post Top - Offset M.V.	175	215	23.37	21.20

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 4 (Continued)

The following luminaires will no longer be installed. Charges are for existing luminaires only.

Luminaries Charge, per month

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
5,890	LED	70	74	$14.75	$13.38
9,365	LED	100	101	16.72	15.17
3,400	Induction	40	45	14.69	13.33
5,950	Induction	70	75	14.97	13.58
8,500	Induction	100	110	16.74	15.18
12,750	Induction	150	160	20.06	18.20
21,250	Induction	250	263	27.82	25.24

		Present	Proposed
Additional Charge:			
UG Svc- Customer owned and maintained duct	per month	$4.67	$4.24
15 Foot Brackets	$ per month	0.47	0.43
Merchant Function Charge			
Supply Related	¢ per kWh	0.225	0.187
Purch Pwr Wrking Cap	¢ per kWh	0.036	0.058
Credit & Collections	¢ per kWh	0.045	0.031
Uncollectibles	¢ per kWh	Variable	Variable
Billing and Payment Processing Chg	per bill	$1.02	$1.30

Present	Proposed
Plus:	Plus:
Energy Cost Adjustment System Benefits Charge Transition Adjustment for Competitive Services Increase in Rates and Charges Market Supply Charge	Please refer to Present Rates and Revenue Decoupling Mechanism Adjustment

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 5

		Present Year-round	Proposed Year-round
Delivery Charge:	¢ per kWh	8.387	8.884
Merchant Function Charge			
Supply Related	¢ per kWh	0.225	0.187
Purch Pwr Wrking Cap	¢ per kWh	0.036	0.058
Credit & Collections	¢ per kWh	0.045	0.031
Uncollectibles	¢ per kWh	Variable	Variable
Billing and Payment Processing Chg	per bill	$1.02	$1.30
Plus:			Plus:
Energy Cost Adjustment System Benefits Charge Transition Adjustment for Competitive Services Increase in Rates and Charges Market Supply Charge			Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 6

		Present Year-round	Proposed Year-round
Delivery Charges for Service Types A & B:	¢ per kWh	6.891	7.324
Delivery Charges for Service Type C:			
Customer Charge		$24.00	$24.00
Delivery Charge	¢ per kWh	5.793	6.247
Merchant Function Charge			
Supply Related	¢ per kWh	0.225	0.187
Purch Pwr Wrking Cap	¢ per kWh	0.036	0.058
Credit & Collections	¢ per kWh	0.045	0.031
Uncollectibles	¢ per kWh	Variable	Variable
Billing and Payment Processing Chg	per bill	$1.02	$1.30

Plus:

- Energy Cost Adjustment
- System Benefits Charge
- Transition Adjustment for Competitive Services
- Increase in Rates and Charges
- Market Supply Charge

Plus:

Please refer to Present Rates and Revenue Decoupling Mechanism Adj

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 9

				Present Year-round	Proposed Year-round
Customer Charge:			per month	$500.00	$500.00
Delivery Charges:					
Primary:					
Demand Charge					
	Period A	All kW @	per kW	$18.63	$21.60
	Period B	All kW @	per kW	8.73	10.13
	Period C	All kW @	per kW	No Charge	No Charge
Usage Charge					
	Period A	All kWh @	¢ per kWh	1.045	0.784
	Period B	All kWh @	¢ per kWh	1.045	0.784
	Period C	All kWh @	¢ per kWh	0.390	0.292
Substation:					
Demand Charge					
	Period A	All kW @	per kW	$13.17	$15.44
	Period B	All kW @	per kW	5.96	6.98
	Period C	All kW @	per kW	No Charge	No Charge
Usage Charge					
	Period A	All kWh @	¢ per kWh	0.578	0.433
	Period B	All kWh @	¢ per kWh	0.578	0.433
	Period C	All kWh @	¢ per kWh	0.356	0.267
Transmission:					
Demand Charge					
	Period A	All kW @	per kW	$7.64	$8.29
	Period B	All kW @	per kW	5.20	5.65
	Period C	All kW @	per kW	No Charge	No Charge
Usage Charge					
	Period A	All kWh @	¢ per kWh	0.139	0.139
	Period B	All kWh @	¢ per kWh	0.139	0.139
	Period C	All kWh @	¢ per kWh	0.131	0.131
Merchant Function Charge					
Supply Related			¢ per kWh	0.089	0.071
Purch Pwr Wrking Cap			¢ per kWh	0.036	0.058
Credit & Collections			¢ per kWh	0.014	0.009
Uncollectibles			¢ per kWh	Variable	Variable

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 9 (Continued)

		Present	Proposed
Metering Charges:			
Primary			
Ownership	per bill	$20.32	$19.92
Service Provider	per bill	74.08	84.76
Data Service Provider	per bill	31.76	15.51
Substation			
Ownership	per bill	$20.32	$19.92
Service Provider	per bill	74.08	84.76
Data Service Provider	per bill	31.76	15.51
Transmission			
Ownership	per bill	$20.32	$19.92
Service Provider	per bill	74.08	84.76
Data Service Provider	per bill	31.76	15.51
Billing and Payment Processing Chg	per bill	$1.02	$1.30
Plus:			Plus:
Energy Cost Adjustment			
System Benefits Charge			
Transition Adjustment for Competitive Services			Please refer to Present Rates
Revenue Decoupling Mechanism Adjustment			
Increase in Rates and Charges			
Market Supply Charge			
Reactive Power Demand Charge (if applicable)			

Definition of Rating Periods:

Period A - 8:00 a.m. to 11:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.

Period B - 8:00 a.m. to 11:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.

Period C - 11:00 p.m. to 8:00 a.m. prevailing time, Monday through Friday, all hours on Saturday, Sunday and holidays, all months.

Minimum Charge: The sum of the Customer Charge and the Minimum Monthly Demand Charges plus any applicable metering and/or billing payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 16

Luminaries Charge, per month

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
Power Bracket Luminaires					
5,800	Sodium Vapor	70	108	$22.18	$21.91
9,500	Sodium Vapor	100	142	23.70	23.41
16,000	Sodium Vapor	150	199	27.87	27.53
Street Lighting Luminaires					
5,800	Sodium Vapor	70	108	$24.28	$23.98
9,500	Sodium Vapor	100	142	25.87	25.56
16,000	Sodium Vapor	150	199	29.94	29.58
27,500	Sodium Vapor	250	311	38.17	37.71
46,000	Sodium Vapor	400	488	52.42	51.78
Flood Lighting Luminaires					
27,500	Sodium Vapor	250	311	$38.17	$37.71
46,000	Sodium Vapor	400	488	52.42	51.78

The following luminaires will no longer be installed. Charges are for existing luminaires only.

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
Power Bracket Luminaires					
4,000	Mercury Vapor	100	127	$20.25	$20.00
7,900	Mercury Vapor	175	215	23.58	23.29
22,500	Mercury Vapor	400	462	33.85	33.44
Street Lighting Luminaires					
3,400	Induction	40	45	26.43	$26.11
5,950	Induction	70	75	26.96	26.63
8,500	Induction	100	110	29.43	29.07
12,750	Induction	150	160	34.33	33.91
21,250	Induction	250	263	45.49	44.94
4,000	Mercury Vapor	100	127	$22.31	22.04
7,900	Mercury Vapor	175	211	25.83	25.52
12,000	Mercury Vapor	250	296	32.53	32.13
22,500	Mercury Vapor	400	459	40.07	39.58
40,000	Mercury Vapor	700	786	59.28	58.56
59,000	Mercury Vapor	1,000	1,105	73.99	73.09
130,000	Sodium Vapor	1,000	1,120	101.30	100.07
1,000	Incandescent	92	92	17.73	17.51
2,500	Incandescent	189	189	22.68	22.40
5,890	LED	70	74	32.31	31.92
9,365	LED	100	101	34.92	34.50

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 16 (Continued)

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
The following luminaires will no longer be installed. Charges are for existing luminaires only.					
Flood Lighting Luminaires					
12,000	Mercury Vapor	250	296	$32.53	$32.13
22,500	Mercury Vapor	400	459	40.07	39.58
40,000	Mercury Vapor	700	786	59.28	58.56
59,000	Mercury Vapor	1,000	1,105	73.99	73.09
15 Foot Brackets			$ per month	0.70	0.69
Delivery Charges for Service Type C:					
Customer Charge (Metered)			per month	$24.00	$24.00
Customer Charge (Unmetered)			per month	17.00	17.00
Delivery Charge			¢ per kWh	5.793	6.247
Merchant Function Charge					
Supply Related			¢ per kWh	0.225	0.187
Purch Pwr Wrking Cap			¢ per kWh	0.036	0.058
Credit & Collections			¢ per kWh	0.045	0.031
Uncollectibles			¢ per kWh	Variable	Variable
Billing and Payment Processing Chg			per bill	$1.02	$1.30

Present	Proposed
Plus:	Plus:
Energy Cost Adjustment System Benefits Charge Transition Adjustment for Competitive Services Increase in Rates and Charges Market Supply Charge	Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 19

				Present Year-round	Proposed Year-round
Customer Charge:			per month	$32.00	$32.00
Delivery Charges:					
	Period I	All kWh @	¢ per kWh	29.664	32.012
	Period II	All kWh @	¢ per kWh	10.614	11.454
	Period III	All kWh @	¢ per kWh	10.614	11.454
	Period IV	All kWh @	¢ per kWh	1.910	2.061
Merchant Function Charge					
Supply Related			¢ per kWh	0.351	0.327
Purch Pwr Wrking Cap			¢ per kWh	0.036	0.058
Credit & Collections			¢ per kWh	0.074	0.060
Uncollectibles			¢ per kWh	Variable	Variable
Billing and Payment Processing Chg				$1.02	$1.30
Minimum Charge:			per contract (not less than) plus applicable billing and payment processing charges	$384.00	$384.00

Plus:	Plus:
Energy Cost Adjustment System Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Market Supply Charge	Please refer to Present Rates

Definition of Rating Periods:

Period I -	12:00 p.m. to 7:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period II -	10:00 a.m. to 12:00 p.m. and 7:00 p.m. to 9:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period III -	10:00 a.m. to 9:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.
Period IV -	9:00 p.m. to 10:00 a.m. prevailing time, Monday through Friday, all hours on Saturday, Sunday and holidays, all months

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 20

			Present Year-round	Proposed Year-round
Customer Charge:		per month	$40.00	$40.00
Delivery Charges:				
Demand Charge				
Period I	All kW @	per kW	$21.82	$26.03
Period II	All kW @	per kW	9.41	11.18
Period III	All kW @	per kW	No Charge	0.20
Usage Charge				
Period I	All kWh @	¢ per kWh	8.513	6.385
Period II	All kWh @	¢ per kWh	2.047	1.535
Period III	All kWh @	¢ per kWh	0.272	0.204
Merchant Function Charge				
Supply Related		¢ per kWh	0.225	0.187
Purch Pwr Wrking Cap		¢ per kWh	0.036	0.058
Credit & Collections		¢ per kWh	0.045	0.031
Uncollectibles		¢ per kWh	Variable	Variable
Metering Charges				
Non-MDAHP:				
Ownership		per bill	$5.01	$3.84
Service Provider		per bill	18.27	16.33
Data Service Provider		per bill	2.34	2.21
Subject to MDAHP:				
Ownership		per bill	$20.44	$12.84
Service Provider		per bill	18.48	34.28
Data Service Provider		per bill	31.76	15.51
Billing and Payment Processing Chg		per bill	$1.02	$1.30
Minimum Charge:			Sum of the Customer Charge and $120.00 plus any applicable metering and/or billing and payment processing charges.	Sum of the Customer Charge and $120.00 plus any applicable metering and/or billing and payment processing charges.

Plus:
- Energy Cost Adjustment
- System Benefits Charge
- Transition Adjustment for Competitive Services
- Revenue Decoupling Mechanism Adjustment
- Increase in Rates and Charges
- Market Supply Charge
- Reactive Power Demand Charge (if applicable)

Plus:

Please refer to Present Rates

Definition of Rating Periods:

Period I -	1:00 p.m. to 7:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period II -	10:00 a.m. to 9:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.
Period III -	7:00 p.m. to 1:00 p.m. prevailing time, Monday through Friday, June through September; 9:00 p.m. to 10:00 a.m. prevailing time, Monday through Friday, October through May; all hours on Saturday, Sunday and holidays, all months.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 21

			Present Year-round	Proposed Year-round
Customer Charge:		per month	$163.00	$163.00
Delivery Charges:				
Demand Charge				
Period I	All kW @	per kW	$26.20	$28.40
Period II	All kW @	per kW	9.24	10.01
Period III	All kW @	per kW	No Charge	No Charge
Usage Charge				
Period I	All kWh @	¢ per kWh	1.336	1.449
Period II	All kWh @	¢ per kWh	1.336	1.449
Period III	All kWh @	¢ per kWh	0.117	0.127
Merchant Function Charge				
Supply Related		¢ per kWh	0.089	0.071
Purch Pwr Wrking Cap		¢ per kWh	0.036	0.058
Credit & Collections		¢ per kWh	0.014	0.009
Uncollectibles		¢ per kWh	Variable	Variable
Metering Charges				
Non-MDAHP:				
Ownership		per bill	$6.18	$2.70
Service Provider		per bill	22.54	11.49
Data Service Provider		per bill	1.33	0.89
Subject to MDAHP:				
Ownership		per bill	$20.44	$12.84
Service Provider		per bill	18.48	34.28
Data Service Provider		per bill	31.76	15.51
Billing and Payment Processing Chg		per bill	$1.02	$1.30

Plus:	Plus:
Energy Cost Adjustment System Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Market Supply Charge Reactive Power Demand Charge (if applicable)	Please refer to Present Rates

Definition of Rating Periods:

Period I -	1:00 p.m. to 7:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period II -	10:00 a.m. to 9:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.
Period III -	7:00 p.m. to 1:00 p.m. prevailing time, Monday through Friday, June through September; 9:00 p.m. to 10:00 a.m. prevailing time, Monday through Friday, October through May; all hours on Saturday, Sunday and holidays, all months.

Minimum Charge: The Customer Charge plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 22

			Present Year-round	Proposed Year-round
Customer Charge:		per month	$500.00	$500.00
Delivery Charges:				
Primary:				
Demand Charge				
Period A	All kW @	per kW	$15.12	$16.75
Period B	All kW @	per kW	8.63	9.56
Period C	All kW @	per kW	No Charge	No Charge
Usage Charge				
Period A	All kWh @	¢ per kWh	0.710	0.710
Period B	All kWh @	¢ per kWh	0.710	0.710
Period C	All kWh @	¢ per kWh	0.120	0.126
Substation:				
Demand Charge				
Period A	All kW @	per kW	$9.72	$10.77
Period B	All kW @	per kW	5.36	5.94
Period C	All kW @	per kW	No Charge	No Charge
Usage Charge				
Period A	All kWh @	¢ per kWh	0.298	0.298
Period B	All kWh @	¢ per kWh	0.298	0.298
Period C	All kWh @	¢ per kWh	0.090	0.126
Transmission:				
Demand Charge				
Period A	All kW @	per kW	$5.74	$6.19
Period B	All kW @	per kW	5.02	5.41
Period C	All kW @	per kW	No Charge	No Charge
Usage Charge				
Period A	All kWh @	¢ per kWh	0.083	0.126
Period B	All kWh @	¢ per kWh	0.083	0.126
Period C	All kWh @	¢ per kWh	0.042	0.126
Merchant Function Charge				
Supply Related		¢ per kWh	0.089	0.071
Purch Pwr Wrking Cap		¢ per kWh	0.036	0.058
Credit & Collections		¢ per kWh	0.014	0.009
Uncollectibles		¢ per kWh	Variable	Variable

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 22 (Continued)

		Present	Proposed
		Year-round	Year-round
Metering Charges:			
Primary			
Ownership	per bill	$20.32	$19.92
Service Provider	per bill	74.08	84.76
Data Service Provider	per bill	31.76	15.51
Substation			
Ownership	per bill	$20.32	$19.92
Service Provider	per bill	74.08	84.76
Data Service Provider	per bill	31.76	15.51
Transmission			
Ownership	per bill	$20.32	$19.92
Service Provider	per bill	74.08	84.76
Data Service Provider	per bill	31.76	15.51
Billing and Payment Processing Chg		$1.02	$1.30
Plus: Energy Cost Adjustment System Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Market Supply Charge Reactive Power Demand Charge (if applicable)			Plus: Please refer to Present Rates

Definition of Rating Periods:

Period A - 8:00 a.m. to 11:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.

Period B - 8:00 a.m. to 11:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.

Period C - 11:00 p.m. to 8:00 a.m. prevailing time, Monday through Friday, all hours on Saturday, Sunday and holidays, all months.

Minimum Charge: The sum of the Customer Charge and the Minimum Monthly Demand Charges plus any applicable metering and/or billing payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 25

Rate 1

			Present		Proposed	
			Summer	Winter	Summer	Winter
Customer Charge:	Secondary	per month	$22.00	$22.00	$36.00	$36.00
	Primary	per month	67.00	67.00	50.00	50.00
Delivery Charges:						
Secondary						
Contract Demand Charge		per kW	$4.78	$4.78	$4.78	$4.78
As Used Daily Demand Charge		per kW	$0.7645	$0.5742	$0.7245	$0.5153
Primary:						
Contract Demand Charge		per kW	$5.31	$5.31	$5.34	$5.34
As Used Daily Demand Charge		per kW	$0.6202	$0.4553	$0.6377	$0.4552
Merchant Function Charge						
Supply Related		¢ per kWh	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Purch Pwr Wrking Cap		¢ per kWh				
Credit & Collections		¢ per kWh				
Uncollectibles		¢ per kWh				
Metering Charges:						
Ownership		per bill	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Service Provider		per bill				
Data Service Provider		per bill				
Billing and Payment Processing Chg		per bill	$1.02		$1.30	

Plus:
- Energy Cost Adjustment
- System Benefits Charge
- Transition Adjustment for Competitive Services
- Increase in Rates and Charges
- Market Supply Charge
- Reactive Power Demand Charge (if applicable)

Plus (Proposed):

Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.
Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 25
Rate 2

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:	per month	$74.00	$74.00	$85.00	$85.00
Delivery Charges:					
Contract Demand Charge	per kW	$8.22	$8.22	$8.60	$8.60
As Used Daily Demand Charge	per kW	$0.6061	$0.4147	$0.6632	$0.4470
Merchant Function Charge					
Supply Related	¢ per kWh	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Purch Pwr Wrking Cap	¢ per kWh				
Credit & Collections	¢ per kWh				
Uncollectibles	¢ per kWh				
Metering Charges:					
Ownership	per bill	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Service Provider	per bill				
Data Service Provider	per bill				
Billing and Payment Processing Chg	per bill	$1.02		$1.30	

Plus:
- Energy Cost Adjustment
- System Benefits Charge
- Transition Adjustment for Competitive Services
- Increase in Rates and Charges
- Market Supply Charge
- Reactive Power Demand Charge (if applicable)

Plus:

Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 25

Rate 3

		Present		Proposed	
		Summer	Winter	Summer	Winter
Primary					
Customer Charge:	per month	$181.00	$181.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$6.47	$6.47	$6.55	$6.55
As Used Daily Demand Charge	per kW	$0.5981	$0.3642	$0.6732	$0.3960
Substation					
Customer Charge:	per month	$181.00	$181.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$4.11	$4.11	$4.18	$4.18
As Used Daily Demand Charge	per kW	$0.4557	$0.2971	$0.4877	$0.3291
Transmission					
Customer Charge:	per month	$181.00	$181.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$1.38	$1.38	$1.45	$1.45
As Used Daily Demand Charge	per kW	$0.3513	$0.2652	$0.3796	$0.2864
Merchant Function Charge					
Supply Related	¢ per kWh	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Purch Pwr Wrking Cap	¢ per kWh				
Credit & Collections	¢ per kWh				
Uncollectibles	¢ per kWh				
Metering Charges:		Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Ownership	per bill				
Service Provider	per bill				
Data Service Provider	per bill				
Billing and Payment Processing Chg	per bill	$1.02		$1.30	
Plus:				Plus:	
Energy Cost Adjustment					
System Benefits Charge				Please refer to Present Rates	
Transition Adjustment for Competitive Services					
Increase in Rates and Charges					
Market Supply Charge					
Reactive Power Demand Charge (if applicable)					

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY1 (2019)

Service Classification No. 25

Rate 4

		Present		Proposed	
		Summer	Winter	Summer	Winter
Primary					
Customer Charge:	per month	$530.00	$530.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$5.10	$5.10	$5.50	$5.50
As Used Daily Demand Charge	per kW	$0.5273	$0.3744	$0.5809	$0.4077
Substation					
Customer Charge:	per month	$530.00	$530.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$2.69	$2.69	$2.96	$2.96
As Used Daily Demand Charge	per kW	$0.3556	$0.2412	$0.3947	$0.2662
Transmission					
Customer Charge:	per month	$530.00	$530.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$1.08	$1.08	$1.24	$1.24
As Used Daily Demand Charge	per kW	$0.2902	$0.2647	$0.3215	$0.2941
Merchant Function Charge					
Supply Related	¢ per kWh	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Purch Pwr Wrking Cap	¢ per kWh				
Credit & Collections	¢ per kWh				
Uncollectibles	¢ per kWh				
Metering Charges:					
Ownership	per bill	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Service Provider	per bill				
Data Service Provider	per bill				
Billing and Payment Processing Chg	per bill	$1.02		$1.30	
Plus:				Plus:	
Energy Cost Adjustment				Please refer to Present Rates	
System Benefits Charge					
Transition Adjustment for Competitive Services					
Increase in Rates and Charges					
Market Supply Charge					
Reactive Power Demand Charge (if applicable)					

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 1

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:	per month	$19.50	$19.50	$19.50	$19.50
Delivery Charges:					
First 250 kWh	¢ per kWh	7.972	7.972	8.444	8.444
Over 250 kWh	¢ per kWh	9.603	7.972	10.172	8.444
Water Heating:					
500 - 1,000 kWh	¢ per kWh	9.603	7.972	10.172	8.444
Space Heating:					
Over 500 kWh	¢ per kWh	9.603	7.972	10.172	8.444
Heat Pump:					
500 - 1,000 kWh	¢ per kWh	9.603	7.972	10.172	8.444
Minimum Charge:					
Monthly*	monthly	$19.50		$19.50	
Per Contract	per contract	117.00		117.00	
Merchant Function Charge					
Supply Related	¢ per kWh	0.327		0.336	
Purch Pwr Wrking Cap	¢ per kWh	0.058		0.057	
Credit & Collections	¢ per kWh	0.06		0.062	
Uncollectibles	¢ per kWh	Variable		Variable	
Plus:				Plus:	
Energy Cost Adjustment					
Systems Benefits Charge				Please refer to Present Rates	
Transition Adjustment for Competitive Services					
Revenue Decoupling Mechanism Adjustment					
Increase in Rates and Charges					
Billing and Payment Processing Charge					
Market Supply Charge					

* Plus any applicable billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 2 Secondary Demand Billed

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:					
Metered Service	per month	$21.00	$21.00	$21.00	$21.00
Delivery Charge:					
Demand Charge					
First 5 kW	per kW	$2.79	$1.65	$2.99	$1.77
Over 5 kW	per kW	18.37	10.67	19.69	11.44
Usage Charge					
First 1,250 kWh	¢ per kWh	5.272	4.069	5.008	3.866
Second Block	¢ per kWh	2.977	2.868	2.977	2.868
Third Block	¢ per kWh	2.390	2.255	3.237	3.078
Minimum Charge		Customer Charge plus the demand charges*		Customer Charge plus the demand charges*	
Merchant Function Charge					
Supply Related	¢ per kWh	0.187		0.194	
Purch Pwr Wrking Cap	¢ per kWh	0.058		0.057	
Credit & Collections	¢ per kWh	0.031		0.033	
Uncollectibles	¢ per kWh	Variable		Variable	
Metering Charges					
Non-MDAHP:					
Ownership	per bill	$2.51		$2.60	
Service Provider	per bill	10.67		11.05	
Data Service Provider	per bill	2.88		2.99	
Subject to MDAHP:					
Ownership	per bill	$12.84		$12.84	
Service Provider	per bill	34.28		34.28	
Data Service Provider	per bill	15.51		15.51	

* Plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 2 Secondary Demand Billed (Continued)

	Present		Proposed	
	Summer	Winter	Summer	Winter
Plus:			Plus:	
Energy Cost Adjustment				
Systems Benefits Charge			Please refer to Present Rates	
Transition Adjustment for Competitive Services				
Revenue Decoupling Mechanism Adjustment				
Increase in Rates and Charges				
Billing and Payment Processing Charge				
Market Supply Charge				
Reactive Power Demand Charge (if applicable)				

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 2 Secondary - Non-Demand Billed Customers

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:					
Metered Service	per month	$18.00	$18.00	$18.00	$18.00
Unmetered Service	per month	17.00	17.00	17.00	17.00
Delivery Charge:					
Usage Charge					
All kWh	¢ per kWh	5.539	4.093	4.650	3.436
Space Heating:					
Delivery	¢ per kWh	11.016	2.753	11.680	2.919
Minimum Charge		Customer Charge*		Customer Charge*	
Merchant Function Charge					
Supply Related	¢ per kWh	0.187		0.194	
Purch Pwr Wrking Cap	¢ per kWh	0.058		0.057	
Credit & Collections	¢ per kWh	0.031		0.033	
Uncollectibles	¢ per kWh	Variable		Variable	
Metering Charges (Applicable to Metered Service Only)					
Ownership	per bill	$2.51		$2.60	
Service Provider	per bill	10.67		11.05	
Data Service Provider	per bill	2.88		2.99	
Plus: Energy Cost Adjustment Systems Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Billing and Payment Processing Charge Market Supply Charge Reactive Power Demand Charge (if applicable)				Plus: Please refer to Present Rates	

* Plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 2 Primary

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:	per month	$35.00	$35.00	$35.00	$35.00
Delivery Charge:					
Demand Charge					
All kW	per kW	$16.64	$9.23	$16.89	$9.37
Usage Charge					
All kWh	¢ per kWh	1.228	1.228	0.982	0.982
Minimum Charge		Customer Charge plus the demand charges*		Customer Charge plus the demand charges*	
Merchant Function Charge					
Supply Related	¢ per kWh	0.071		0.073	
Purch Pwr Wrking Cap	¢ per kWh	0.058		0.057	
Credit & Collections	¢ per kWh	0.009		0.010	
Uncollectibles	¢ per kWh	Variable		Variable	
Metering Charges					
Non-MDAHP:					
Ownership	per bill	$4.41		$4.49	
Service Provider	per bill	18.78		19.12	
Data Service Provider	per bill	2.91		2.97	
Subject to MDAHP:					
Ownership	per bill	$12.84		$12.84	
Service Provider	per bill	34.28		34.28	
Data Service Provider	per bill	15.51		15.51	

Present	Proposed
Plus:	Plus:
Energy Cost Adjustment Systems Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Billing and Payment Processing Charge Market Supply Charge Reactive Power Demand Charge (if applicable)	Please refer to Present Rates

* Plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 3

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:	per month	$120.00	$120.00	$120.00	$120.00
Delivery Charge:					
Demand Charge	per kW	$20.51	$11.61	$21.61	$12.23
Usage Charge All kWh	¢ per kWh	0.696	0.696	0.696	0.696
Minimum Charge:		$120.00	plus the demand charges*	$120.00	plus the demand charges*
Merchant Function Charge					
Supply Related	¢ per kWh	0.071		0.073	
Purch Pwr Wrking Cap	¢ per kWh	0.058		0.057	
Credit & Collections	¢ per kWh	0.009		0.010	
Uncollectibles		Variable		Variable	
Metering Charges (Applicable to Metered Service Only)					
Non-MDAHP:					
Ownership	per bill	$3.99		$4.17	
Service Provider	per bill	16.97		17.74	
Data Service Provider	per bill	1.44		1.50	
Subject to MDAHP:					
Ownership	per bill	$12.84		$12.84	
Service Provider	per bill	34.28		34.28	
Data Service Provider	per bill	15.51		15.51	

Present	Proposed
Plus:	Plus:
Energy Cost Adjustment	
Systems Benefits Charge	Please refer to Present Rates
Transition Adjustment for Competitive Services	
Revenue Decoupling Mechanism Adjustment	
Increase in Rates and Charges	
Billing and Payment Processing Charge	
Market Supply Charge	
Reactive Power Demand Charge (if applicable)	

* Plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 4

Luminaries Charge, per month

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
Street Lighting Luminaires					
5,800	Sodium Vapor	70	108	$12.23	$11.53
9,500	Sodium Vapor	100	142	13.35	12.59
16,000	Sodium Vapor	150	199	15.86	14.95
27,500	Sodium Vapor	250	311	21.20	19.99
46,000	Sodium Vapor	400	488	29.69	27.99
LED Street Lighting Luminaires					
3,000	LED	20-25	23	$9.96	$9.96
3,900	LED	30-39	35	10.07	10.07
5,000	LED	40-59	50	10.18	10.18
7,250	LED	60-75	68	11.24	11.24
12,000	LED	95-110	103	11.84	11.84
16,000	LED	130-150	140	13.01	13.01
22,000	LED	180-220	200	17.73	17.73
Off-Roadway Luminaires					
27,500	Sodium Vapor	250	311	$27.48	$25.91
46,500	Sodium Vapor	400	488	33.96	32.02

The following luminaires will no longer be installed. Charges are for existing luminaires only.

600	Open Bottom Inc	52	52	$6.05	$5.70
800	Open Bottom Inc	62	62	6.10	5.75
1,000	Open Bottom Inc	92	92	8.24	7.77
2,500	Open Bottom Inc	189	189	11.18	10.54
2,500	Closed Bottom Inc	189	189	11.43	10.78
4,000	Closed Bottom Inc	295	295	14.49	13.66
6,000	Closed Bottom Inc	405	405	17.44	16.44
-	Ornamental Inc	200	200	12.37	11.66
4,000	Mercury Vapor PB	100	127	9.70	9.15
4,000	Mercury Vapor	100	127	10.98	10.35
7,900	Mercury Vapor PB	175	215	11.92	11.24
7,900	Mercury Vapor	175	211	13.31	12.55
12,000	Mercury Vapor	250	296	17.44	16.44
40,000	Mercury Vapor	700	786	34.22	32.26
22,500	Mercury Vapor	400	459	22.30	21.02
59,000	Mercury Vapor	1,000	1,105	43.77	41.27
130,000	Sodium Vapor	1,000	1,120	62.49	58.92
	Post Top M.V.	100	130	14.94	14.09
	Post Top M.V.	175	215	17.83	16.81
	Post Top - Offset M.V.	175	215	21.20	19.99

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 4 (Continued)

The following luminaires will no longer be installed. Charges are for existing luminaires only.

Luminaries Charge, per month

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
5,890	LED	70	74	$13.38	$12.61
9,365	LED	100	101	15.17	14.30
3,400	Induction	40	45	13.33	12.57
5,950	Induction	70	75	13.58	12.80
8,500	Induction	100	110	15.18	14.31
12,750	Induction	150	160	18.20	17.16
21,250	Induction	250	263	25.24	23.80

		Present	Proposed
Additional Charge:			
UG Svc- Customer owned and maintained duct	per month	$4.67	$4.40
15 Foot Brackets	$ per month	0.43	0.41
Merchant Function Charge			
Supply Related	¢ per kWh	0.187	0.194
Purch Pwr Wrking Cap	¢ per kWh	0.058	0.057
Credit & Collections	¢ per kWh	0.031	0.033
Uncollectibles	¢ per kWh	Variable	Variable

Plus:
- Energy Cost Adjustment
- Systems Benefits Charge
- Transition Adjustment for Competitive Services
- Revenue Decoupling Mechanism Adjustment
- Increase in Rates and Charges
- Billing and Payment Processing Charge
- Market Supply Charge

Plus:

Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 5

		Present	Proposed
		Year-round	Year-round
Delivery Charge:	¢ per kWh	8.884	9.253
Merchant Function Charge			
Supply Related	¢ per kWh	0.187	0.194
Purch Pwr Wrking Cap	¢ per kWh	0.058	0.057
Credit & Collections	¢ per kWh	0.031	0.033
Uncollectibles	¢ per kWh	Variable	Variable

Present	Proposed
Plus:	Plus:
Energy Cost Adjustment Systems Benefits Charge Transition Adjustment for Competitive Services Increase in Rates and Charges Billing and Payment Processing Charge Market Supply Charge	Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 6

		Present	Proposed
		Year-round	Year-round
Delivery Charges for Service Types A & B:	¢ per kWh	7.324	7.596
Delivery Charges for Service Type C:			
Customer Charge		$24.00	$24.00
Delivery Charge	¢ per kWh	6.247	6.581
Merchant Function Charge			
Supply Related	¢ per kWh	0.187	0.194
Purch Pwr Wrking Cap	¢ per kWh	0.058	0.057
Credit & Collections	¢ per kWh	0.031	0.033
Uncollectibles	¢ per kWh	Variable	Variable
Plus:			Plus:
Energy Cost Adjustment			
Systems Benefits Charge			Please refer to Present Rates
Transition Adjustment for Competitive Services			
Revenue Decoupling Mechanism Adjustment			
Increase in Rates and Charges			
Billing and Payment Processing Charge			
Market Supply Charge			

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 9

				Present	Proposed
				Year-round	Year-round
Customer Charge:			per month	$500.00	$500.00
Delivery Charges:					
Primary:					
Demand Charge					
	Period A	All kW @	per kW	$21.60	$23.12
	Period B	All kW @	per kW	10.13	10.85
	Period C	All kW @	per kW	No Charge	No Charge
Usage Charge					
	Period A	All kWh @	¢ per kWh	0.784	0.588
	Period B	All kWh @	¢ per kWh	0.784	0.588
	Period C	All kWh @	¢ per kWh	0.292	0.219
Substation:					
Demand Charge					
	Period A	All kW @	per kW	$15.44	$16.64
	Period B	All kW @	per kW	6.98	7.52
	Period C	All kW @	per kW	No Charge	No Charge
Usage Charge					
	Period A	All kWh @	¢ per kWh	0.433	0.325
	Period B	All kWh @	¢ per kWh	0.433	0.325
	Period C	All kWh @	¢ per kWh	0.267	0.200
Transmission:					
Demand Charge					
	Period A	All kW @	per kW	$8.29	$8.50
	Period B	All kW @	per kW	5.65	5.79
	Period C	All kW @	per kW	No Charge	No Charge
Usage Charge					
	Period A	All kWh @	¢ per kWh	0.139	0.139
	Period B	All kWh @	¢ per kWh	0.139	0.139
	Period C	All kWh @	¢ per kWh	0.131	0.131
Merchant Function Charge					
Supply Related			¢ per kWh	0.071	0.073
Purch Pwr Wrking Cap			¢ per kWh	0.058	0.057
Credit & Collections			¢ per kWh	0.009	0.010
Uncollectibles			¢ per kWh	Variable	Variable

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 9 (Continued)

		Present	Proposed
Metering Charges:			
Primary			
Ownership	per bill	$19.92	$20.77
Service Provider	per bill	84.76	88.36
Data Service Provider	per bill	15.51	15.51
Substation			
Ownership	per bill	$19.92	$20.77
Service Provider	per bill	84.76	88.36
Data Service Provider	per bill	15.51	15.51
Transmission			
Ownership	per bill	$19.92	$20.77
Service Provider	per bill	84.76	88.36
Data Service Provider	per bill	15.51	15.51

Present	Proposed
Plus:	Plus:
Energy Cost Adjustment Systems Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Billing and Payment Processing Charge Market Supply Charge Reactive Power Demand Charge (if applicable)	Please refer to Present Rates

Definition of Rating Periods:

Period A - 8:00 a.m. to 11:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.

Period B - 8:00 a.m. to 11:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.

Period C - 11:00 p.m. to 8:00 a.m. prevailing time, Monday through Friday, all hours on Saturday, Sunday and holidays, all months.

Minimum Charge: The sum of the Customer Charge and the Minimum Monthly Demand Charges plus any applicable metering and/or billing payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 16

Luminaries Charge, per month

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
Power Bracket Luminaires					
5,800	Sodium Vapor	70	108	$21.91	$21.28
9,500	Sodium Vapor	100	142	23.41	22.74
16,000	Sodium Vapor	150	199	27.53	26.74
Street Lighting Luminaires					
5,800	Sodium Vapor	70	108	$23.98	$23.29
9,500	Sodium Vapor	100	142	25.56	24.83
16,000	Sodium Vapor	150	199	29.58	28.73
27,500	Sodium Vapor	250	311	37.71	36.63
46,000	Sodium Vapor	400	488	51.78	50.29
Flood Lighting Luminaires					
27,500	Sodium Vapor	250	311	$37.71	$36.63
46,000	Sodium Vapor	400	488	51.78	50.29

The following luminaires will no longer be installed. Charges are for existing luminaires only.

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
Power Bracket Luminaires					
4,000	Mercury Vapor	100	127	$20.00	$19.43
7,900	Mercury Vapor	175	215	23.29	22.62
22,500	Mercury Vapor	400	462	33.44	32.48
Street Lighting Luminaires					
3,400	Induction	40	45	26.11	$25.36
5,950	Induction	70	75	26.63	25.86
8,500	Induction	100	110	29.07	28.23
12,750	Induction	150	160	33.91	32.94
21,250	Induction	250	263	44.94	43.65
4,000	Mercury Vapor	100	127	$22.04	21.41
7,900	Mercury Vapor	175	211	25.52	24.79
12,000	Mercury Vapor	250	296	32.13	31.21
22,500	Mercury Vapor	400	459	39.58	38.44
40,000	Mercury Vapor	700	786	58.56	56.88
59,000	Mercury Vapor	1,000	1,105	73.09	70.99
130,000	Sodium Vapor	1,000	1,120	100.07	97.19
1,000	Incandescent	92	92	17.51	17.01
2,500	Incandescent	189	189	22.40	21.76
5,890	LED	70	74	31.92	31.00
9,365	LED	100	101	34.50	33.51

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 16 (Continued)

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
The following luminaires will no longer be installed. Charges are for existing luminaires only.					
Flood Lighting Luminaires					
12,000	Mercury Vapor	250	296	$32.13	$31.21
22,500	Mercury Vapor	400	459	39.58	38.44
40,000	Mercury Vapor	700	786	58.56	56.88
59,000	Mercury Vapor	1,000	1,105	73.09	70.99
15 Foot Brackets			$ per month	0.69	0.67
Delivery Charges for Service Type C:					
Customer Charge (Metered)			per month	$24.00	$24.00
Customer Charge (Unmetered)			per month	17.00	17.00
Delivery Charge			¢ per kWh	6.247	6.581
Merchant Function Charge					
Supply Related			¢ per kWh	0.187	0.194
Purch Pwr Wrking Cap			¢ per kWh	0.058	0.057
Credit & Collections			¢ per kWh	0.031	0.033
Uncollectibles			¢ per kWh	Variable	Variable

Plus:
- Energy Cost Adjustment
- Systems Benefits Charge
- Transition Adjustment for Competitive Services
- Increase in Rates and Charges
- Billing and Payment Processing Charge
- Market Supply Charge

Plus:

Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 19

			Present Year-round	Proposed Year-round
Customer Charge:		per month	$32.00	$32.00
Delivery Charges:				
Period I	All kWh @	¢ per kWh	32.012	33.638
Period II	All kWh @	¢ per kWh	11.454	12.036
Period III	All kWh @	¢ per kWh	11.454	12.036
Period IV	All kWh @	¢ per kWh	2.061	2.166
Merchant Function Charge				
Supply Related		¢ per kWh	0.327	0.336
Purch Pwr Wrking Cap		¢ per kWh	0.058	0.057
Credit & Collections		¢ per kWh	0.060	0.062
Uncollectibles		¢ per kWh	Variable	Variable
Minimum Charge:		per contract (not less than) plus applicable billing and payment processing charges	$384.00	$384.00

Plus:

- Energy Cost Adjustment
- Systems Benefits Charge
- Transition Adjustment for Competitive Services
- Revenue Decoupling Mechanism Adjustment
- Increase in Rates and Charges
- Billing and Payment Processing Charge
- Market Supply Charge

Plus:

Please refer to Present Rates

Definition of Rating Periods:

Period I -	12:00 p.m. to 7:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period II -	10:00 a.m. to 12:00 p.m. and 7:00 p.m. to 9:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period III -	10:00 a.m. to 9:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.
Period IV -	9:00 p.m. to 10:00 a.m. prevailing time, Monday through Friday, all hours on Saturday, Sunday and holidays, all months

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 20

			Present	Proposed
			Year-round	Year-round
Customer Charge:		per month	$40.00	$40.00
Delivery Charges:				
Demand Charge				
Period I	All kW @	per kW	$26.03	$28.59
Period II	All kW @	per kW	11.18	12.25
Period III	All kW @	per kW	0.20	0.34
Usage Charge				
Period I	All kWh @	¢ per kWh	6.385	4.789
Period II	All kWh @	¢ per kWh	1.535	1.151
Period III	All kWh @	¢ per kWh	0.204	0.153
Merchant Function Charge				
Supply Related		¢ per kWh	0.187	0.194
Purch Pwr Wrking Cap		¢ per kWh	0.058	0.057
Credit & Collections		¢ per kWh	0.031	0.033
Uncollectibles		¢ per kWh	Variable	Variable
Metering Charges				
Non-MDAHP:				
Ownership		per bill	$3.84	$3.96
Service Provider		per bill	16.33	16.85
Data Service Provider		per bill	2.21	2.28
Subject to MDAHP:				
Ownership		per bill	$12.84	$12.84
Service Provider		per bill	34.28	34.28
Data Service Provider		per bill	15.51	15.51
Minimum Charge:		Sum of the Customer Charge and $120.00 plus any applicable metering and/or billing and payment processing charges.		Sum of the Customer Charge and $120.00 plus any applicable metering and/or billing and payment processing charges.
Plus: Energy Cost Adjustment Systems Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Billing and Payment Processing Charge Market Supply Charge Reactive Power Demand Charge (if applicable)				Plus: Please refer to Present Rates

Definition of Rating Periods:

Period I -	1:00 p.m. to 7:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period II -	10:00 a.m. to 9:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.
Period III -	7:00 p.m. to 1:00 p.m. prevailing time, Monday through Friday, June through September; 9:00 p.m. to 10:00 a.m. prevailing time, Monday through Friday, October through May; all hours on Saturday, Sunday and holidays, all months.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 21

			Present Year-round	Proposed Year-round
Customer Charge:		per month	$163.00	$163.00
Delivery Charges:				
Demand Charge				
Period I	All kW @	per kW	$28.40	$29.70
Period II	All kW @	per kW	10.01	10.47
Period III	All kW @	per kW	No Charge	No Charge
Usage Charge				
Period I	All kWh @	¢ per kWh	1.449	1.513
Period II	All kWh @	¢ per kWh	1.449	1.513
Period III	All kWh @	¢ per kWh	0.127	0.133
Merchant Function Charge				
Supply Related		¢ per kWh	0.071	0.073
Purch Pwr Wrking Cap		¢ per kWh	0.058	0.057
Credit & Collections		¢ per kWh	0.009	0.010
Uncollectibles		¢ per kWh	Variable	Variable
Metering Charges				
Non-MDAHP:				
Ownership		per bill	$2.70	$2.82
Service Provider		per bill	11.49	11.98
Data Service Provider		per bill	0.89	0.93
Subject to MDAHP:				
Ownership		per bill	$12.84	$12.84
Service Provider		per bill	34.28	34.28
Data Service Provider		per bill	15.51	15.51

Plus:
- Energy Cost Adjustment
- Systems Benefits Charge
- Transition Adjustment for Competitive Services
- Revenue Decoupling Mechanism Adjustment
- Increase in Rates and Charges
- Billing and Payment Processing Charge
- Market Supply Charge
- Reactive Power Demand Charge (if applicable)

Plus:

Please refer to Present Rates

Definition of Rating Periods:

Period I -	1:00 p.m. to 7:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period II -	10:00 a.m. to 9:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.
Period III -	7:00 p.m. to 1:00 p.m. prevailing time, Monday through Friday, June through September; 9:00 p.m. to 10:00 a.m. prevailing time, Monday through Friday, October through May; all hours on Saturday, Sunday and holidays, all months.

Minimum Charge: The Customer Charge plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 22

				Present Year-round	Proposed Year-round
Customer Charge:			per month	$500.00	$500.00
Delivery Charges:					
Primary:					
Demand Charge					
Period	A	All kW @	per kW	$16.75	$17.71
Period	B	All kW @	per kW	9.56	10.11
Period	C	All kW @	per kW	No Charge	No Charge
Usage Charge					
Period	A	All kWh @	¢ per kWh	0.710	0.710
Period	B	All kWh @	¢ per kWh	0.710	0.710
Period	C	All kWh @	¢ per kWh	0.126	0.126
Substation:					
Demand Charge					
Period	A	All kW @	per kW	$10.77	$11.39
Period	B	All kW @	per kW	5.94	6.28
Period	C	All kW @	per kW	No Charge	No Charge
Usage Charge					
Period	A	All kWh @	¢ per kWh	0.298	0.298
Period	B	All kWh @	¢ per kWh	0.298	0.298
Period	C	All kWh @	¢ per kWh	0.126	0.126
Transmission:					
Demand Charge					
Period	A	All kW @	per kW	$6.19	$6.54
Period	B	All kW @	per kW	5.41	5.72
Period	C	All kW @	per kW	No Charge	No Charge
Usage Charge					
Period	A	All kWh @	¢ per kWh	0.126	0.126
Period	B	All kWh @	¢ per kWh	0.126	0.126
Period	C	All kWh @	¢ per kWh	0.126	0.126
Merchant Function Charge					
Supply Related			¢ per kWh	0.071	0.073
Purch Pwr Wrking Cap			¢ per kWh	0.058	0.057
Credit & Collections			¢ per kWh	0.009	0.010
Uncollectibles			¢ per kWh	Variable	Variable

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 22 (Continued)

		Present	Proposed
		Year-round	Year-round
Metering Charges:			
Primary			
Ownership	per bill	$19.92	$20.77
Service Provider	per bill	84.76	88.36
Data Service Provider	per bill	15.51	15.51
Substation			
Ownership	per bill	$19.92	$20.77
Service Provider	per bill	84.76	88.36
Data Service Provider	per bill	15.51	15.51
Transmission			
Ownership	per bill	$19.92	$20.77
Service Provider	per bill	84.76	88.36
Data Service Provider	per bill	15.51	15.51

Plus:	Plus:
Energy Cost Adjustment Systems Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Billing and Payment Processing Charge Market Supply Charge Reactive Power Demand Charge (if applicable)	Please refer to Present Rates

Definition of Rating Periods:

Period A -	8:00 a.m. to 11:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period B -	8:00 a.m. to 11:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.
Period C -	11:00 p.m. to 8:00 a.m. prevailing time, Monday through Friday, all hours on Saturday, Sunday and holidays, all months.

Minimum Charge: The sum of the Customer Charge and the Minimum Monthly Demand Charges plus any applicable metering and/or billing payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 25

Rate 1

			Present		Proposed	
			Summer	Winter	Summer	Winter
Customer Charge:	Secondary	per month	$36.00	$36.00	$36.00	$36.00
	Primary	per month	50.00	50.00	50.00	50.00
Delivery Charges:						
Secondary						
Contract Demand Charge		per kW	$4.78	$4.78	$4.99	$4.99
As Used Daily Demand Charge		per kW	$0.7245	$0.5153	$0.7605	$0.5364
Primary:						
Contract Demand Charge		per kW	$5.34	$5.34	$5.13	$5.13
As Used Daily Demand Charge		per kW	$0.6377	$0.4552	$0.6183	$0.4331
Merchant Function Charge			Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Supply Related		¢ per kWh				
Purch Pwr Wrking Cap		¢ per kWh				
Credit & Collections		¢ per kWh				
Uncollectibles		¢ per kWh				
Metering Charges:			Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Ownership		per bill				
Service Provider		per bill				
Data Service Provider		per bill				

Plus:

- Energy Cost Adjustment
- Systems Benefits Charge
- Transition Adjustment for Competitive Services
- Increase in Rates and Charges
- Billing and Payment Processing Charge
- Market Supply Charge
- Reactive Power Demand Charge (if applicable)

Plus:

Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 25

Rate 2

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:	per month	$85.00	$85.00	$85.00	$85.00
Delivery Charges:					
Contract Demand Charge	per kW	$8.60	$8.60	$8.99	$8.99
As Used Daily Demand Charge	per kW	$0.6632	$0.4470	$0.6942	$0.4663
Merchant Function Charge					
Supply Related	¢ per kWh	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Purch Pwr Wrking Cap	¢ per kWh				
Credit & Collections	¢ per kWh				
Uncollectibles	¢ per kWh				
Metering Charges:					
Ownership	per bill	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Service Provider	per bill				
Data Service Provider	per bill				

Plus:
- Energy Cost Adjustment
- Systems Benefits Charge
- Transition Adjustment for Competitive Services
- Increase in Rates and Charges
- Billing and Payment Processing Charge
- Market Supply Charge
- Reactive Power Demand Charge (if applicable)

Plus:

Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 25

Rate 3

		Present		Proposed	
		Summer	Winter	Summer	Winter
Primary					
Customer Charge:	per month	$500.00	$500.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$6.55	$6.55	$6.70	$6.70
As Used Daily Demand Charge	per kW	$0.6732	$0.3960	$0.6965	$0.4000
Substation					
Customer Charge:	per month	$500.00	$500.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$4.18	$4.18	$4.28	$4.28
As Used Daily Demand Charge	per kW	$0.4877	$0.3291	$0.4962	$0.3376
Transmission					
Customer Charge:	per month	$500.00	$500.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$1.45	$1.45	$1.48	$1.48
As Used Daily Demand Charge	per kW	$0.3796	$0.2864	$0.3882	$0.2927
Merchant Function Charge					
Supply Related Purch Pwr Wrking Cap Credit & Collections Uncollectibles	¢ per kWh ¢ per kWh ¢ per kWh ¢ per kWh	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Metering Charges:					
Ownership Service Provider Data Service Provider	per bill per bill per bill	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	

Plus:
- Energy Cost Adjustment
- Systems Benefits Charge
- Transition Adjustment for Competitive Services
- Increase in Rates and Charges
- Billing and Payment Processing Charge
- Market Supply Charge
- Reactive Power Demand Charge (if applicable)

Plus:

Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY2 (2020)

Service Classification No. 25

Rate 4

		Present		Proposed	
		Summer	Winter	Summer	Winter
Primary					
Customer Charge:	per month	$500.00	$500.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$5.50	$5.50	$5.77	$5.77
As Used Daily Demand Charge	per kW	$0.5809	$0.4077	$0.6105	$0.4274
Substation					
Customer Charge:	per month	$500.00	$500.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$2.96	$2.96	$3.11	$3.11
As Used Daily Demand Charge	per kW	$0.3947	$0.2662	$0.4157	$0.2797
Transmission					
Customer Charge:	per month	$500.00	$500.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$1.24	$1.24	$1.30	$1.30
As Used Daily Demand Charge	per kW	$0.3215	$0.2941	$0.3386	$0.3094
Merchant Function Charge					
Supply Related	¢ per kWh	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Purch Pwr Wrking Cap	¢ per kWh				
Credit & Collections	¢ per kWh				
Uncollectibles	¢ per kWh				
Metering Charges:					
Ownership	per bill	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Service Provider	per bill				
Data Service Provider	per bill				

Plus:
- Energy Cost Adjustment
- Systems Benefits Charge
- Transition Adjustment for Competitive Services
- Increase in Rates and Charges
- Billing and Payment Processing Charge
- Market Supply Charge
- Reactive Power Demand Charge (if applicable)

Plus:

Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 1

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:	per month	$19.50	$19.50	$19.50	$19.50
Delivery Charges:					
First 250 kWh	¢ per kWh	8.444	8.444	8.711	8.711
Over 250 kWh	¢ per kWh	10.172	8.444	10.494	8.711
Water Heating:					
500 - 1,000 kWh	¢ per kWh	10.172	8.444	10.494	8.711
Space Heating:					
Over 500 kWh	¢ per kWh	10.172	8.444	10.494	8.711
Heat Pump:					
500 - 1,000 kWh	¢ per kWh	10.172	8.444	10.494	8.711
Minimum Charge:					
Monthly*	monthly	$19.50		$19.50	
Per Contract	per contract	117.00		117.00	
Merchant Function Charge					
Supply Related	¢ per kWh	0.336		0.339	
Purch Pwr Wrking Cap	¢ per kWh	0.057		0.057	
Credit & Collections	¢ per kWh	0.062		0.062	
Uncollectibles	¢ per kWh	Variable		Variable	

Plus:
- Energy Cost Adjustment
- Systems Benefits Charge
- Transition Adjustment for Competitive Services
- Revenue Decoupling Mechanism Adjustment
- Increase in Rates and Charges
- Billing and Payment Processing Charge
- Market Supply Charge

Plus:

Please refer to Present Rates

* Plus any applicable billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 2 Secondary Demand Billed

		Present		Proposed		
		Summer	Winter	Summer	Winter	
Customer Charge:						
Metered Service	per month	$21.00	$21.00	$21.00	$21.00	
Delivery Charge:						
Demand Charge						
First 5 kW	per kW	$2.99	$1.77	$3.10	$1.83	
Over 5 kW	per kW	19.69	11.44	20.39	11.85	
Usage Charge						
First 1,250 kWh	¢ per kWh	5.008	3.866	4.758	3.673	Sche
Second Block	¢ per kWh	2.977	2.868	2.977	2.868	
Third Block	¢ per kWh	3.237	3.078	4.041	3.860	
Minimum Charge		Customer Charge plus the demand charges*		Customer Charge plus the demand charges*		
Merchant Function Charge						
Supply Related	¢ per kWh	0.194		0.198		
Purch Pwr Wrking Cap	¢ per kWh	0.057		0.057		
Credit & Collections	¢ per kWh	0.033		0.033		
Uncollectibles	¢ per kWh	Variable		Variable		
Metering Charges						
Non-MDAHP:						
Ownership	per bill	$2.60		$2.60		
Service Provider	per bill	11.05		11.07		
Data Service Provider	per bill	2.99		2.99		
Subject to MDAHP:						
Ownership	per bill	$12.84		$12.84		
Service Provider	per bill	34.28		34.28		
Data Service Provider	per bill	15.51		15.51		

* Plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 2 Secondary Demand Billed (Continued)

	Present		Proposed	
	Summer	Winter	Summer	Winter
Plus:			Plus:	
Energy Cost Adjustment				
Systems Benefits Charge				
Transition Adjustment for Competitive Services			Please refer to Present Rates	
Revenue Decoupling Mechanism Adjustment				
Increase in Rates and Charges				
Billing and Payment Processing Charge				
Market Supply Charge				
Reactive Power Demand Charge (if applicable)				

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 2 Secondary - Non-Demand Billed Customers

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:					
Metered Service	per month	$18.00	$18.00	$18.00	$18.00
Unmetered Service	per month	17.00	17.00	17.00	17.00
Delivery Charge:					
Usage Charge					
All kWh	¢ per kWh	4.650	3.436	4.263	3.150
Space Heating:					
Delivery	¢ per kWh	11.680	2.919	12.045	3.010
Minimum Charge		Customer Charge*		Customer Charge*	
Merchant Function Charge					
Supply Related	¢ per kWh	0.194		0.198	
Purch Pwr Wrking Cap	¢ per kWh	0.057		0.057	
Credit & Collections	¢ per kWh	0.033		0.033	
Uncollectibles	¢ per kWh	Variable		Variable	
Metering Charges (Applicable to Metered Service Only)					
Ownership	per bill	$2.60		$2.60	
Service Provider	per bill	11.05		11.07	
Data Service Provider	per bill	2.99		2.99	
Plus: Energy Cost Adjustment Systems Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Billing and Payment Processing Charge Market Supply Charge Reactive Power Demand Charge (if applicable)				Plus: Please refer to Present Rates	

* Plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 2 Primary

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:	per month	$35.00	$35.00	$35.00	$35.00
Delivery Charge:					
Demand Charge					
All kW	per kW	$16.89	$9.37	$17.12	$9.50
Usage Charge					
All kWh	¢ per kWh	0.982	0.982	0.786	0.786
Minimum Charge		Customer Charge plus the demand charges*		Customer Charge plus the demand charges*	
Merchant Function Charge					
Supply Related	¢ per kWh	0.073		0.071	
Purch Pwr Wrking Cap	¢ per kWh	0.057		0.057	
Credit & Collections	¢ per kWh	0.01		0.009	
Uncollectibles	¢ per kWh	Variable		Variable	
Metering Charges					
Non-MDAHP:					
Ownership	per bill	$4.49		$4.53	
Service Provider	per bill	19.12		19.28	
Data Service Provider	per bill	2.97		2.99	
Subject to MDAHP:					
Ownership	per bill	$12.84		$12.84	
Service Provider	per bill	34.28		34.28	
Data Service Provider	per bill	15.51		15.51	

Present	Proposed
Plus: Energy Cost Adjustment Systems Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Billing and Payment Processing Charge Market Supply Charge Reactive Power Demand Charge (if applicable)	Plus: Please refer to Present Rates

* Plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 3

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:	per month	$120.00	$120.00	$120.00	$120.00
Delivery Charge:					
Demand Charge	per kW	$21.61	$12.23	$22.32	$12.63
Usage Charge All kWh	¢ per kWh	0.696	0.696	0.696	0.696
Minimum Charge:		$120.00	plus the demand charges*	$120.00	plus the demand charges*
Merchant Function Charge					
Supply Related	¢ per kWh	0.073		0.071	
Purch Pwr Wrking Cap	¢ per kWh	0.057		0.057	
Credit & Collections	¢ per kWh	0.01		0.009	
Uncollectibles		Variable		Variable	
Metering Charges (Applicable to Metered Service Only)					
Non-MDAHP:					
Ownership	per bill	$4.17		$4.21	
Service Provider	per bill	17.74		17.90	
Data Service Provider	per bill	1.50		1.51	
Subject to MDAHP:					
Ownership	per bill	$12.84		$12.84	
Service Provider	per bill	34.28		34.28	
Data Service Provider	per bill	15.51		15.51	

Plus:	Plus:
Energy Cost Adjustment	
Systems Benefits Charge	
Transition Adjustment for Competitive Services	Please refer to Present Rates
Revenue Decoupling Mechanism Adjustment	
Increase in Rates and Charges	
Billing and Payment Processing Charge	
Market Supply Charge	
Reactive Power Demand Charge (if applicable)	

* Plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 4

Luminaries Charge, per month

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
Street Lighting Luminaires					
5,800	Sodium Vapor	70	108	$11.53	$11.19
9,500	Sodium Vapor	100	142	12.59	12.21
16,000	Sodium Vapor	150	199	14.95	14.50
27,500	Sodium Vapor	250	311	19.99	19.39
46,000	Sodium Vapor	400	488	27.99	27.16
LED Street Lighting Luminaires					
3,000	LED	20-25	23	$9.96	$9.96
3,900	LED	30-39	35	10.07	10.07
5,000	LED	40-59	50	10.18	10.18
7,250	LED	60-75	68	11.24	11.24
12,000	LED	95-110	103	11.84	11.84
16,000	LED	130-150	140	13.01	13.01
22,000	LED	180-220	200	17.73	17.73
Off-Roadway Luminaires					
27,500	Sodium Vapor	250	311	$25.91	$25.14
46,500	Sodium Vapor	400	488	32.02	31.07

The following luminaires will no longer be installed. Charges are for existing luminaires only.

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
600	Open Bottom Inc	52	52	$5.70	$5.53
800	Open Bottom Inc	62	62	5.75	5.58
1,000	Open Bottom Inc	92	92	7.77	7.54
2,500	Open Bottom Inc	189	189	10.54	10.23
2,500	Closed Bottom Inc	189	189	10.78	10.46
4,000	Closed Bottom Inc	295	295	13.66	13.25
6,000	Closed Bottom Inc	405	405	16.44	15.95
-	Ornamental Inc	200	200	11.66	11.31
4,000	Mercury Vapor PB	100	127	9.15	8.88
4,000	Mercury Vapor	100	127	10.35	10.04
7,900	Mercury Vapor PB	175	215	11.24	10.90
7,900	Mercury Vapor	175	211	12.55	12.18
12,000	Mercury Vapor	250	296	16.44	15.95
40,000	Mercury Vapor	700	786	32.26	31.30
22,500	Mercury Vapor	400	459	21.02	20.39
59,000	Mercury Vapor	1,000	1,105	41.27	40.04
130,000	Sodium Vapor	1,000	1,120	58.92	57.16
	Post Top M.V.	100	130	14.09	13.67
	Post Top M.V.	175	215	16.81	16.31
	Post Top - Offset M.V.	175	215	19.99	19.39

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 4 (Continued)

The following luminaires will no longer be installed. Charges are for existing luminaires only.

Luminaries Charge, per month

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
5,890	LED	70	74	$12.61	$12.23
9,365	LED	100	101	14.30	13.87
3,400	Induction	40	45	12.57	12.20
5,950	Induction	70	75	12.80	12.42
8,500	Induction	100	110	14.31	13.88
12,750	Induction	150	160	17.16	16.65
21,250	Induction	250	263	23.80	23.09

		Present	Proposed
Additional Charge:			
UG Svc- Customer owned and maintained duct	per month	$4.67	$4.53
15 Foot Brackets	$ per month	0.41	0.40
Merchant Function Charge			
Supply Related	¢ per kWh	0.194	0.198
Purch Pwr Wrking Cap	¢ per kWh	0.057	0.057
Credit & Collections	¢ per kWh	0.033	0.033
Uncollectibles	¢ per kWh	Variable	Variable

Present	Proposed
Plus:	Plus:
Energy Cost Adjustment	
Systems Benefits Charge	Please refer to Present Rates
Transition Adjustment for Competitive Services	
Revenue Decoupling Mechanism Adjustment	
Increase in Rates and Charges	
Billing and Payment Processing Charge	
Market Supply Charge	

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 5

		Present	Proposed
		Year-round	Year-round
Delivery Charge:	¢ per kWh	9.253	9.462
Merchant Function Charge			
Supply Related	¢ per kWh	0.194	0.198
Purch Pwr Wrking Cap	¢ per kWh	0.057	0.057
Credit & Collections	¢ per kWh	0.033	0.033
Uncollectibles	¢ per kWh	Variable	Variable
Plus:			Plus:
Energy Cost Adjustment			
Systems Benefits Charge			
Transition Adjustment for Competitive Services			Please refer to Present Rates
Increase in Rates and Charges			
Billing and Payment Processing Charge			
Market Supply Charge			

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 6

		Present Year-round	Proposed Year-round
Delivery Charges for Service Types A & B:	¢ per kWh	7.596	7.739
Delivery Charges for Service Type C:			
Customer Charge		$24.00	$24.00
Delivery Charge	¢ per kWh	6.581	6.726
Merchant Function Charge			
Supply Related	¢ per kWh	0.194	0.198
Purch Pwr Wrking Cap	¢ per kWh	0.057	0.057
Credit & Collections	¢ per kWh	0.033	0.033
Uncollectibles	¢ per kWh	Variable	Variable
Plus: Energy Cost Adjustment Systems Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Billing and Payment Processing Charge Market Supply Charge			Plus: Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 9

				Present	Proposed
				Year-round	Year-round
Customer Charge:			per month	$500.00	$500.00
Delivery Charges:					
Primary:					
Demand Charge					
Period	A	All kW @	per kW	$23.12	$24.08
Period	B	All kW @	per kW	10.85	11.31
Period	C	All kW @	per kW	No Charge	No Charge
Usage Charge					
Period	A	All kWh @	¢ per kWh	0.588	0.441
Period	B	All kWh @	¢ per kWh	0.588	0.441
Period	C	All kWh @	¢ per kWh	0.219	0.164
Substation:					
Demand Charge					
Period	A	All kW @	per kW	$16.64	$17.41
Period	B	All kW @	per kW	7.52	7.87
Period	C	All kW @	per kW	No Charge	No Charge
Usage Charge					
Period	A	All kWh @	¢ per kWh	0.325	0.244
Period	B	All kWh @	¢ per kWh	0.325	0.244
Period	C	All kWh @	¢ per kWh	0.200	0.150
Transmission:					
Demand Charge					
Period	A	All kW @	per kW	$8.50	$8.59
Period	B	All kW @	per kW	5.79	5.85
Period	C	All kW @	per kW	No Charge	No Charge
Usage Charge					
Period	A	All kWh @	¢ per kWh	0.139	0.139
Period	B	All kWh @	¢ per kWh	0.139	0.139
Period	C	All kWh @	¢ per kWh	0.131	0.131
Merchant Function Charge					
Supply Related			¢ per kWh	0.073	0.071
Purch Pwr Wrking Cap			¢ per kWh	0.057	0.057
Credit & Collections			¢ per kWh	0.01	0.009
Uncollectibles			¢ per kWh	Variable	Variable

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 9 (Continued)

		Present	Proposed
Metering Charges:			
Primary			
Ownership	per bill	$20.77	$20.95
Service Provider	per bill	88.36	89.14
Data Service Provider	per bill	15.51	15.51
Substation			
Ownership	per bill	$20.77	$20.95
Service Provider	per bill	88.36	89.14
Data Service Provider	per bill	15.51	15.51
Transmission			
Ownership	per bill	$20.77	$20.95
Service Provider	per bill	88.36	89.14
Data Service Provider	per bill	15.51	15.51

Present	Proposed
Plus:	Plus:
Energy Cost Adjustment Systems Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Billing and Payment Processing Charge Market Supply Charge Reactive Power Demand Charge (if applicable)	Please refer to Present Rates

Definition of Rating Periods:

Period A -	8:00 a.m. to 11:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period B -	8:00 a.m. to 11:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.
Period C -	11:00 p.m. to 8:00 a.m. prevailing time, Monday through Friday, all hours on Saturday, Sunday and holidays, all months.

Minimum Charge: The sum of the Customer Charge and the Minimum Monthly Demand Charges plus any applicable metering and/or billing payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 16

Luminaries Charge, per month

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
Power Bracket Luminaires					
5,800	Sodium Vapor	70	108	$21.28	$20.64
9,500	Sodium Vapor	100	142	22.74	22.06
16,000	Sodium Vapor	150	199	26.74	25.94
Street Lighting Luminaires					
5,800	Sodium Vapor	70	108	$23.29	$22.59
9,500	Sodium Vapor	100	142	24.83	24.09
16,000	Sodium Vapor	150	199	28.73	27.87
27,500	Sodium Vapor	250	311	36.63	35.53
46,000	Sodium Vapor	400	488	50.29	48.78
Flood Lighting Luminaires					
27,500	Sodium Vapor	250	311	$36.63	$35.53
46,000	Sodium Vapor	400	488	50.29	48.78

The following luminaires will no longer be installed. Charges are for existing luminaires only.

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
Power Bracket Luminaires					
4,000	Mercury Vapor	100	127	$19.43	$18.85
7,900	Mercury Vapor	175	215	22.62	21.94
22,500	Mercury Vapor	400	462	32.48	31.51
Street Lighting Luminaires					
3,400	Induction	40	45	25.36	$24.60
5,950	Induction	70	75	25.86	25.09
8,500	Induction	100	110	28.23	27.38
12,750	Induction	150	160	32.94	31.95
21,250	Induction	250	263	43.65	42.34
4,000	Mercury Vapor	100	127	$21.41	20.77
7,900	Mercury Vapor	175	211	24.79	24.05
12,000	Mercury Vapor	250	296	31.21	30.28
22,500	Mercury Vapor	400	459	38.44	37.29
40,000	Mercury Vapor	700	786	56.88	55.18
59,000	Mercury Vapor	1,000	1,105	70.99	68.86
130,000	Sodium Vapor	1,000	1,120	97.19	94.28
1,000	Incandescent	92	92	17.01	16.50
2,500	Incandescent	189	189	21.76	21.11
5,890	LED	70	74	31.00	30.07
9,365	LED	100	101	33.51	32.51

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 16 (Continued)

Nominal Lumens	Luminaires Type	Watts	Total Wattage	Present Delivery Charge	Proposed Delivery Charge
The following luminaires will no longer be installed. Charges are for existing luminaires only.					
Flood Lighting Luminaires					
12,000	Mercury Vapor	250	296	$31.21	$30.28
22,500	Mercury Vapor	400	459	38.44	37.29
40,000	Mercury Vapor	700	786	56.88	55.18
59,000	Mercury Vapor	1,000	1,105	70.99	68.86
15 Foot Brackets			$ per month	0.67	0.65
Delivery Charges for Service Type C:					
Customer Charge (Metered)			per month	$24.00	$24.00
Customer Charge (Unmetered)			per month	17.00	17.00
Delivery Charge			¢ per kWh	6.581	6.726
Merchant Function Charge					
Supply Related			¢ per kWh	0.194	0.198
Purch Pwr Wrking Cap			¢ per kWh	0.057	0.057
Credit & Collections			¢ per kWh	0.033	0.033
Uncollectibles			¢ per kWh	Variable	Variable

Present	Proposed
Plus:	Plus:
Energy Cost Adjustment Systems Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Billing and Payment Processing Charge Market Supply Charge	Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.
Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 19

				Present	Proposed
				Year-round	Year-round
Customer Charge:			per month	$32.00	$32.00
Delivery Charges:					
	Period I	All kWh @	¢ per kWh	33.638	34.539
	Period II	All kWh @	¢ per kWh	12.036	12.358
	Period III	All kWh @	¢ per kWh	12.036	12.358
	Period IV	All kWh @	¢ per kWh	2.166	2.224
Merchant Function Charge					
Supply Related			¢ per kWh	0.336	0.339
Purch Pwr Wrking Cap			¢ per kWh	0.057	0.057
Credit & Collections			¢ per kWh	0.062	0.062
Uncollectibles			¢ per kWh	Variable	Variable
Minimum Charge:		per contract (not less than) plus applicable billing and payment processing charges		$384.00	$384.00

Plus:

Energy Cost Adjustment
Systems Benefits Charge
Transition Adjustment for Competitive Services
Revenue Decoupling Mechanism Adjustment
Increase in Rates and Charges
Billing and Payment Processing Charge
Market Supply Charge

Plus:

Please refer to Present Rates

Definition of Rating Periods:

Period I -	12:00 p.m. to 7:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period II -	10:00 a.m. to 12:00 p.m. and 7:00 p.m. to 9:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period III -	10:00 a.m. to 9:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.
Period IV -	9:00 p.m. to 10:00 a.m. prevailing time, Monday through Friday, all hours on Saturday, Sunday and holidays, all months

ORANGE AND ROCKLAND UTILITIES, INC.
Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 20

			Present Year-round	Proposed Year-round
Customer Charge:		per month	$40.00	$40.00
Delivery Charges:				
Demand Charge				
Period I	All kW @	per kW	$28.59	$30.24
Period II	All kW @	per kW	12.25	12.94
Period III	All kW @	per kW	0.34	0.45
Usage Charge				
Period I	All kWh @	¢ per kWh	4.789	3.592
Period II	All kWh @	¢ per kWh	1.151	0.863
Period III	All kWh @	¢ per kWh	0.153	0.115
Merchant Function Charge				
Supply Related		¢ per kWh	0.194	0.198
Purch Pwr Wrking Cap		¢ per kWh	0.057	0.057
Credit & Collections		¢ per kWh	0.033	0.033
Uncollectibles		¢ per kWh	Variable	Variable
Metering Charges				
Non-MDAHP:				
Ownership		per bill	$3.96	$4.00
Service Provider		per bill	16.85	17.00
Data Service Provider		per bill	2.28	2.30
Subject to MDAHP:				
Ownership		per bill	$12.84	$12.84
Service Provider		per bill	34.28	34.28
Data Service Provider		per bill	15.51	15.51
Minimum Charge:			Sum of the Customer Charge and $120.00 plus any applicable metering and/or billing and payment processing charges.	Sum of the Customer Charge and $120.00 plus any applicable metering and/or billing and payment processing charges.
Plus:				Plus:
Energy Cost Adjustment				
Systems Benefits Charge				
Transition Adjustment for Competitive Services				Please refer to Present Rates
Revenue Decoupling Mechanism Adjustment				
Increase in Rates and Charges				
Billing and Payment Processing Charge				
Market Supply Charge				
Reactive Power Demand Charge (if applicable)				

Definition of Rating Periods:

Period I -	1:00 p.m. to 7:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period II -	10:00 a.m. to 9:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.
Period III -	7:00 p.m. to 1:00 p.m. prevailing time, Monday through Friday, June through September; 9:00 p.m. to 10:00 a.m. prevailing time, Monday through Friday, October through May; all hours on Saturday, Sunday and holidays, all months.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 21

			Present Year-round	Proposed Year-round
Customer Charge:		per month	$163.00	$163.00
Delivery Charges:				
Demand Charge				
Period I	All kW @	per kW	$29.70	$30.52
Period II	All kW @	per kW	10.47	10.76
Period III	All kW @	per kW	No Charge	No Charge
Usage Charge				
Period I	All kWh @	¢ per kWh	1.513	1.553
Period II	All kWh @	¢ per kWh	1.513	1.553
Period III	All kWh @	¢ per kWh	0.133	0.136
Merchant Function Charge				
Supply Related		¢ per kWh	0.073	0.071
Purch Pwr Wrking Cap		¢ per kWh	0.057	0.057
Credit & Collections		¢ per kWh	0.010	0.009
Uncollectibles		¢ per kWh	Variable	Variable
Metering Charges				
Non-MDAHP:				
Ownership		per bill	$2.82	$2.84
Service Provider		per bill	11.98	12.08
Data Service Provider		per bill	0.93	0.94
Subject to MDAHP:				
Ownership		per bill	$12.84	$12.84
Service Provider		per bill	34.28	34.28
Data Service Provider		per bill	15.51	15.51
Plus:				Plus:
Energy Cost Adjustment				
Systems Benefits Charge				
Transition Adjustment for Competitive Services				Please refer to Present Rates
Revenue Decoupling Mechanism Adjustment				
Increase in Rates and Charges				
Billing and Payment Processing Charge				
Market Supply Charge				
Reactive Power Demand Charge (if applicable)				

Definition of Rating Periods:

Period I -	1:00 p.m. to 7:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period II -	10:00 a.m. to 9:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.
Period III -	7:00 p.m. to 1:00 p.m. prevailing time, Monday through Friday, June through September; 9:00 p.m. to 10:00 a.m. prevailing time, Monday through Friday, October through May; all hours on Saturday, Sunday and holidays, all months.

Minimum Charge: The Customer Charge plus any applicable metering and/or billing and payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 22

				Present Year-round	Proposed Year-round
Customer Charge:			per month	$500.00	$500.00
Delivery Charges:					
Primary:					
Demand Charge					
Period	A	All kW @	per kW	$17.71	$18.31
Period	B	All kW @	per kW	10.11	10.45
Period	C	All kW @	per kW	No Charge	No Charge
Usage Charge					
Period	A	All kWh @	¢ per kWh	0.710	0.710
Period	B	All kWh @	¢ per kWh	0.710	0.710
Period	C	All kWh @	¢ per kWh	0.126	0.126
Substation:					
Demand Charge					
Period	A	All kW @	per kW	$11.39	$11.77
Period	B	All kW @	per kW	6.28	6.49
Period	C	All kW @	per kW	No Charge	No Charge
Usage Charge					
Period	A	All kWh @	¢ per kWh	0.298	0.298
Period	B	All kWh @	¢ per kWh	0.298	0.298
Period	C	All kWh @	¢ per kWh	0.126	0.126
Transmission:					
Demand Charge					
Period	A	All kW @	per kW	$6.54	$6.76
Period	B	All kW @	per kW	5.72	5.91
Period	C	All kW @	per kW	No Charge	No Charge
Usage Charge					
Period	A	All kWh @	¢ per kWh	0.126	0.126
Period	B	All kWh @	¢ per kWh	0.126	0.126
Period	C	All kWh @	¢ per kWh	0.126	0.126
Merchant Function Charge					
Supply Related			¢ per kWh	0.073	0.071
Purch Pwr Wrking Cap			¢ per kWh	0.057	0.057
Credit & Collections			¢ per kWh	0.01	0.009
Uncollectibles			¢ per kWh	Variable	Variable

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 22 (Continued)

		Present	Proposed
		Year-round	Year-round
Metering Charges:			
Primary			
Ownership	per bill	$20.77	$20.95
Service Provider	per bill	88.36	89.14
Data Service Provider	per bill	15.51	15.51
Substation			
Ownership	per bill	$20.77	$20.95
Service Provider	per bill	88.36	89.14
Data Service Provider	per bill	15.51	15.51
Transmission			
Ownership	per bill	$20.77	$20.95
Service Provider	per bill	88.36	89.14
Data Service Provider	per bill	15.51	15.51

Present	Proposed
Plus:	Plus:
Energy Cost Adjustment Systems Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Increase in Rates and Charges Billing and Payment Processing Charge Market Supply Charge Reactive Power Demand Charge (if applicable)	Please refer to Present Rates

Definition of Rating Periods:

Period A -	8:00 a.m. to 11:00 p.m. prevailing time, Monday through Friday, except holidays, June through September.
Period B -	8:00 a.m. to 11:00 p.m. prevailing time, Monday through Friday, except holidays, October through May.
Period C -	11:00 p.m. to 8:00 a.m. prevailing time, Monday through Friday, all hours on Saturday, Sunday and holidays, all months.

Minimum Charge: The sum of the Customer Charge and the Minimum Monthly Demand Charges plus any applicable metering and/or billing payment processing charges.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 25

Rate 1

			Present		Proposed	
			Summer	Winter	Summer	Winter
Customer Charge:	Secondary	per month	$36.00	$36.00	$36.00	$36.00
	Primary	per month	50.00	50.00	50.00	50.00
Delivery Charges:						
Secondary						
Contract Demand Charge		per kW	$4.99	$4.99	$5.10	$5.10
As Used Daily Demand Charge		per kW	$0.7605	$0.5364	$0.7797	$0.5477
Primary:						
Contract Demand Charge		per kW	$5.13	$5.13	$4.97	$4.97
As Used Daily Demand Charge		per kW	$0.6183	$0.4331	$0.6040	$0.4163
Merchant Function Charge						
Supply Related		¢ per kWh	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Purch Pwr Wrking Cap		¢ per kWh				
Credit & Collections		¢ per kWh				
Uncollectibles		¢ per kWh				
Metering Charges:						
Ownership		per bill	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Service Provider		per bill				
Data Service Provider		per bill				

Plus:

- Energy Cost Adjustment
- Systems Benefits Charge
- Transition Adjustment for Competitive Services
- Revenue Decoupling Mechanism Adjustment
- Billing and Payment Processing Charge
- Market Supply Charge
- Reactive Power Demand Charge (if applicable)

Plus:

Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 25

Rate 2

		Present		Proposed	
		Summer	Winter	Summer	Winter
Customer Charge:	per month	$85.00	$85.00	$85.00	$85.00
Delivery Charges:					
Contract Demand Charge	per kW	$8.99	$8.99	$9.24	$9.24
As Used Daily Demand Charge	per kW	$0.6942	$0.4663	$0.7142	$0.4788
Merchant Function Charge					
Supply Related	¢ per kWh	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Purch Pwr Wrking Cap	¢ per kWh				
Credit & Collections	¢ per kWh				
Uncollectibles	¢ per kWh				
Metering Charges:					
Ownership	per bill	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Service Provider	per bill				
Data Service Provider	per bill				

Plus:
- Energy Cost Adjustment
- Systems Benefits Charge
- Transition Adjustment for Competitive Services
- Revenue Decoupling Mechanism Adjustment
- Billing and Payment Processing Charge
- Market Supply Charge
- Reactive Power Demand Charge (if applicable)

Plus:

Please refer to Present Rates

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 25

Rate 3

		Present		Proposed	
		Summer	Winter	Summer	Winter
Primary					
Customer Charge:	per month	$500.00	$500.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$6.70	$6.70	$6.76	$6.76
As Used Daily Demand Charge	per kW	$0.6965	$0.4000	$0.7091	$0.4004
Substation					
Customer Charge:	per month	$500.00	$500.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$4.28	$4.28	$4.32	$4.32
As Used Daily Demand Charge	per kW	$0.4962	$0.3376	$0.5000	$0.3414
Transmission					
Customer Charge:	per month	$500.00	$500.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$1.48	$1.48	$1.50	$1.50
As Used Daily Demand Charge	per kW	$0.3882	$0.2927	$0.3922	$0.2953
Merchant Function Charge					
Supply Related	¢ per kWh	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Purch Pwr Wrking Cap	¢ per kWh				
Credit & Collections	¢ per kWh				
Uncollectibles	¢ per kWh				
Metering Charges:					
Ownership	per bill	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Service Provider	per bill				
Data Service Provider	per bill				
Plus:				Plus:	
Energy Cost Adjustment					
Systems Benefits Charge					
Transition Adjustment for Competitive Services				Please refer to Present Rates	
Revenue Decoupling Mechanism Adjustment					
Billing and Payment Processing Charge					
Market Supply Charge					
Reactive Power Demand Charge (if applicable)					

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief RY3 (2021)

Service Classification No. 25

Rate 4

		Present		Proposed	
		Summer	Winter	Summer	Winter
Primary					
Customer Charge:	per month	$500.00	$500.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$5.77	$5.77	$5.94	$5.94
As Used Daily Demand Charge	per kW	$0.6105	$0.4274	$0.6288	$0.4396
Substation					
Customer Charge:	per month	$500.00	$500.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$3.11	$3.11	$3.21	$3.21
As Used Daily Demand Charge	per kW	$0.4157	$0.2797	$0.4284	$0.2882
Transmission					
Customer Charge:	per month	$500.00	$500.00	$500.00	$500.00
Delivery Charges:					
Contract Demand Charge	per kW	$1.30	$1.30	$1.34	$1.34
As Used Daily Demand Charge	per kW	$0.3386	$0.3094	$0.3487	$0.3187
Merchant Function Charge					
Supply Related	¢ per kWh	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Purch Pwr Wrking Cap	¢ per kWh				
Credit & Collections	¢ per kWh				
Uncollectibles	¢ per kWh				
Metering Charges:					
Ownership	per bill	Please refer to the customer's otherwise applicable service classification		Please refer to the customer's otherwise applicable service classification	
Service Provider	per bill				
Data Service Provider	per bill				

Present	Proposed
Plus:	Plus:
Energy Cost Adjustment Systems Benefits Charge Transition Adjustment for Competitive Services Revenue Decoupling Mechanism Adjustment Billing and Payment Processing Charge Market Supply Charge Reactive Power Demand Charge (if applicable)	Please refer to Present Rates

Orange and Rockland Utilities, Inc.
Cases 18-E-0067 & 18-G-0068

GAS REVENUE ALLOCATION AND RATE DESIGN

1. Revenue Allocation

Two adjustments were made to the incremental revenue requirement. The first adjustment to the incremental revenue requirement for each Rate Year[1] subtracted amounts included for New York State Gross Receipts and Franchise Tax surcharge revenues, Municipal Tax surcharge revenues and Metropolitan Transportation Authority Business Tax surcharge revenues. The second adjustment was made to offset the credits that are projected to be paid to low income residential customers in each Rate Year.2

For each Rate Year, before the adjusted incremental revenue requirement was applied to each customer class, the Rate Year delivery revenues for each class were realigned in a revenue neutral manner to reduce interclass deficiencies and surpluses as indicated by the embedded cost of service ("ECOS") study. For each Rate Year, deficiency and surplus indications have been reduced by one-third. The Rate Year delivery revenue decrease was then allocated among the Service Classifications ("SC") in proportion to the relative contribution made by each SC's realigned Rate Year delivery revenue to the total realigned Rate Year delivery revenue.

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[1] Rate Year ("RY") 1 is defined as the 12 months ending December 31, 2019, RY2 is defined as the 12 months ending December 31, 2020, and RY3 is defined as the 12 months ending December 31, 2020.

[2] This adjustment was $3.627 million in RY1 with an incremental increase of $44,000 in RY2 and an incremental increase of $43,000 in RY3.

2. Rate Design

The rate design process for each Rate Year consists of the following four steps:

- Determine revised competitive service charges and associated delivery revenue changes;
- Adjust class-specific delivery revenue increases to determine non-competitive delivery revenue increases;
- Determine first block charges and associated changes in delivery revenue; and
- Adjust class-specific non-competitive delivery revenue increases for revenue changes associated with increases in first block charges; and apply non-competitive delivery revenue increases, adjusted for revenue changes associated with increases in first block charges, to the per-Ccf charges within each SC.

a. Revised Competitive Service Charges and Associated Delivery Revenue Changes

The competitive delivery components include the billing and payment processing ("BPP") charge; the Merchant Function Charge ("MFC") fixed components, that is the MFC procurement and credit and collections components; and the purchase of receivables (“POR”) credit and collections component. For each Rate Year, revised revenue levels for the MFC fixed components and the POR credit and collections component were based on percentages of delivery revenue as determined in the ECOS study. In addition, the revised level of the BPP was based on ECOS study indications. The revised competitive service charge revenue levels for each Rate Year were compared with competitive service charge revenues determined based on competitive service charges for the previous Rate Year to determine the change in competitive service revenues.

b. Determination of Class-Specific Non-Competitive Delivery Revenue Increases

For each Rate Year, the revenue changes associated with the competitive service charges were used to adjust the class-specific delivery revenue increases to determine class-specific non-competitive delivery revenue increases.

c. Revised First Block Charges and Associated Delivery Revenue Changes

In RY1, first block charges (for the first 3 Ccf or less) for SC No. 1 and SC No. 6 – Rate Schedule 1A are decreased to $19.50. First block charges (for the first 3 Ccf or less) for SC No. 2 and SC No. 6 – Rate Schedule 1B remain at $30.00. The first block charge (for the first 100 Ccf or less) for SC No. 6 – Rate Schedule II remains at $255.18. These first block charges will remain fixed at these levels in RY2 and RY3.

d. Application of Delivery Revenue Increase Adjusted for Revenue Associated with First Block Charges Within Each Service Classification

For RY1, the remaining incremental revenue requirement in each class, after subtracting any revenue associated with changes in the first block charges as described above, was applied to all rate block charges, except the first block charges, on an equal percentage basis. The revenue impacts of the rate design changes on firm customers are summarized in Schedule 1 of this Appendix.

3. Competitive Service Charges

a. Merchant Function Charge

For the term of the Gas Rate Plan, the Company will continue to implement the MFC, as set forth in the Company’s gas tariff**.** The MFC fixed component monthly targets (commodity procurement and credit and collections) for RY1, RY2 and RY3 are set forth in Schedule 4 of this Appendix.

b. Transition Adjustment for Competitive Services

For the term of the Gas Rate Plan, the Company will continue to implement the Transition Adjustment for Competitive Services ("TACS"), as set forth in the Company's gas tariff.

The effective period of the TACS has been changed from the 12-month periods commencing November 1 to the 12-month periods commencing January 1 of each year beginning in January 2019. In addition, to account for the partial Rate Year, November 1, 2018 through December 31, 2018, the TACS targets are $389,649 for the MFC fixed components and $114,270 for the credit and collections lost revenue associated with retail access component. These targets are based on the sum of the monthly targets for November and December for RY3 of the Company's current Gas Rate Plan as contained in Appendix 19, Schedule 4, of the Joint Proposal adopted by the Commission in Case 14-E-0493. Any over- or under- collections for this partial period will be collected through a revised TACS that will be in effect for the 12 month period ending December 31, 2020.

c. POR Discount

For the term of the Gas Rate Plan, the Company will continue to implement the POR discount, as set forth in the Company's gas tariff**.**

d. Billing and Payment Processing Charge

The Company's billing and payment processing charge is increased to $1.30 per bill from $1.02 per bill.

4. Distributed Generation Rates

The per Ccf rates and contract demand charges for service under Rider B (non-residential DG rate) and Rider C (residential DG rate) have been increased at the percentage increases in per Ccf delivery service revenues for the otherwise applicable service classification (i.e., SC No. 2 for Rider B and SC No. 1 for Rider C). There are no changes to the initial block charges for Riders B and C.

5. Make Whole Provisions

If the Commission makes rates effective for RY1 after January 1, 2019, the Company will implement a make whole provision. Differences in non-competitive delivery service revenues that result from the extension of the Case 18-G-0068 suspension period plus interest at the Company's Other Customer Capital Rate will be collected via the implementation of a Delivery Revenue Surcharge ("DRS")[3]. The DRS will be in effect on the date rates become effective in this case through the remainder of RY1. The unit amount to be collected from customers will be shown by SC on the Statement of Delivery Revenue Surcharge. Any difference between amounts required to be collected and actual amounts collected will be charged or credited to customers in a subsequent DRS Statement that will become effective March 1, 2020.

6. Tariff Filing Dates

By January 1, 2019, 2020 and 2021, the Company will file tariff revisions implementing the rate changes for RY1, RY2, and RY3, respectively, unless the Commission makes rates effective for RY1 after January 1, 2019 in this proceeding, at which time the Company will

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[3] Competitive services' revenue differences associated with the extension of the Case 18-G-0068 suspension period will be reconciled and surcharged or recovered through the TACS.

place RY1 rates into effect on another date subject to the make whole provisions described above.

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Appendix 18 - Gas Revenue Allocation and Rate Design

Index of Schedules

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Impact of Proposed Rate Change on Total Revenue - Rate Year 1*
(Based on Billed Sales and Revenues)

Based on Levelized Revenue Requirement

Service Classification	Type of Service	Total Sales (Mcf)	Customers	Revenue At Current Rates ($000's)	Revenue At Proposed Rates ($000's)	Change ($000's)	Percent Change
1 / 6 IA	Residential	14,329,879	125,516	192,699.3	187,091.1	(5,608.2)	-2.9%
1 / 6 1A	Non Residential	897,891	6,043	11,654.9	11,522.2	(132.6)	-1.1%
2 / 6 IB	Commercial	4,326,325	6,020	43,334.6	42,751.6	(583.0)	-1.3%
6 II	Large Commercial	1,296,749	101	12,066.4	11,924.7	(141.7)	-1.2%
	Total Firm	20,850,844	137,680	259,755.2	253,289.6	(6,465.5)	-2.5%

For comparison purposes, an estimated cost of gas supply has been included in the SC No. 6 revenue. This is equivalent on a per unit basis, to the cost of gas supply included in SC No. 1 and 2 revenues.

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Calculation of Incremental Revenue Requirement for Rate Year 1 (1)

Based on Levelized Revenue Requirement

a.	Incremental Revenue Requirement for the Rate Year Including Gross Receipts/MTA Taxes	($5,919,000)
b.	Less Gross Receipts/MTA Tax Included in Incremental Revenue Requirement (2)	($108,000)
c.	Incremental Revenue Requirement for the Rate Year Excluding Gross Receipts/MTA Taxes (a - b)	($5,811,000)
d.	Low Income Credits	$3,627,000
e.	Total Revenue Requirement + Low Income Credits (c + d)	($2,184,000)
f.	Rate Year Bundled Delivery Revenues for the Rate Year for Firm Service Classification Nos. 1, 2, and 6	$155,371,523
g.	Rate Year Overall Percentage Increase in Delivery Revenues (e / f)	-1.40566%
h.	Rate Year Overall Percentage Increase in Delivery Revenues less Low Income Credits (c / f)	-3.74007%

Note:
1. Twelve months ending December 31, 2019
2. GRT/MTA Gross Up Included in Rev Req = 1.83%

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Allocation of Incremental Revenue Requirement Among Customer Classes for Rate Year 1

Based on Levelized Revenue Requirement

Class	Rate Year Bundled Delivery Rev. ($)	(Surplus)/ Deficiency (a) ($)	Adjusted Rate Year Del Revenue ($)	Rate Increase -1.406% ($)	Adj Delivery Rev incl Rate Incr at Rate Yr Rate Level ($)	Rate Year Increase Incl. (Surplus)/Deficiency	Mitigation Adjustment ($)	Adj. Rate Year Incl. (Surplus)/Deficiency Incl. Mitigation Adj./Dec. ($)	Adjusted Rate Year % Increase
SC Nos. 1 & 6 RS IA	128,479,966	878,658	129,358,624	(1,818,342)	127,540,282	(939,684)	(677,305)	(1,616,989)	-1.3%
SC Nos. 2 & 6 RS 1B & II	26,891,557	(878,658)	26,012,900	(365,653)	25,647,247	(1,244,311)	677,305	(567,006)	-2.1%
Total	155,371,523	0	155,371,523	(2,183,995)	153,187,528	(2,183,995)	0	(2,183,995)	-1.4%

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Determination of Non-Competitive Delivery Revenue Increases for Rate Year 1

Based on Levelized Revenue Requirement

	(1)	(2)	(3)	(4)	(5)=(1)-(2)-(3)-(4)
		Incremental Competitve Svc Revenues			
Service Class	Adj Rate Year Incr. Incl (Surplus)/Deficiency Incl Mitigation Adj. Delivery Rev. (a) ($)	MFC Fixed Component Related Revenue (b) ($)	BPP Component Related Revenue (c) ($)	POR Credit & Collections Related Revenue (d) ($)	Non-Competitive Rate Year Delivery Revenue Increase ($)
SC Nos. 1 & 6 RS IA	(1,616,989)	(1,229,964)	55,687	(613,438)	170,725
SC Nos. 2 & 6 RS 1B & II	(567,006)	(14,712)	7,916	(57,797)	(502,413)
Total	(2,183,995)	(1,244,676)	63,603	(671,235)	(331,688)

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Impact of Proposed Rate Change on Total Revenue - Rate Year 2*
(Based on Billed Sales and Revenues)

Based on Levelized Revenue Requirement

Service Classification	Type of Service	Total Sales (Mcf)	Customers	Revenue At Current Rates ($000's)	Revenue At Proposed Rates ($000's)	Change ($000's)	Percent Change
1 / 6 IA	Residential	14,635,096	126,430	190,769.2	191,937.3	1,168.1	0.6%
1 / 6 1A	Non Residential	917,424	6,087	11,772.8	11,849.4	76.6	0.7%
2 / 6 IB	Commercial	4,406,802	6,057	43,498.7	43,300.3	(198.4)	-0.5%
6 II	Large Commercial	1,315,425	101	12,106.4	12,052.8	(53.6)	-0.4%
	Total Firm	21,274,748	138,675	258,147.1	259,139.7	992.6	0.4%

For comparison purposes, an estimated cost of gas supply has been included in the SC No. 6 revenue. This is equivalent on a per unit basis, to the cost of gas supply included in SC No. 1 and 2 revenues.

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Calculation of Incremental Revenue Requirement for Rate Year 2 (1)

Based on Levelized Revenue Requirement

a.	Incremental Revenue Requirement for the Rate Year Including Gross Receipts/MTA Taxes	$992,000
b.	Less Gross Receipts/MTA Tax Included in Incremental Revenue Requirement (2)	$18,000
c.	Incremental Revenue Requirement for the Rate Year Excluding Gross Receipts/MTA Taxes (a - b)	$974,000
d.	Low Income Credits	$44,000
e.	Total Revenue Requirement + Low Income Credits (c + d)	$1,018,000
f.	Rate Year Bundled Delivery Revenues for the Rate Year for Firm Service Classification Nos. 1, 2, and 6	$156,278,430
g.	Rate Year Overall Percentage Increase in Delivery Revenues (e / f)	0.65140%
h.	Rate Year Overall Percentage Increase in Delivery Revenues less Low Income Credits (c / f)	0.62325%

Note:

1. Twelve months ending December 31, 2020
2. GRT/MTA Gross Up Included in Rev Req = 1.83%

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Allocation of Incremental Revenue Requirement Among Customer Classes for Rate Year 2

Based on Levelized Revenue Requirement

	Rate Year Bundled Delivery Rev.	(Surplus)/ Deficiency (a)	Adjusted Rate Year Del Revenue	Rate Increase -1.406%	Adj Delivery Rev incl Rate Incr at Rate Yr Rate Level	Rate Year Increase Incl. (Surplus)/Deficiency	Mitigation Adjustment	Adj. Rate Year Incl. (Surplus)/Deficiency Incl. Mitigation Adj./Dec.	Adjusted Rate Year % Increase
Class	($)	($)	($)	($)	($)		($)	($)	
SC Nos. 1 & 6 RS IA	129,531,761	878,658	130,410,419	849,493	131,259,912	1,728,151	(462,496)	1,265,655	1.0%
SC Nos. 2 & 6 RS 1B & II	26,746,669	(878,658)	25,868,011	168,504	26,036,515	(710,154)	462,496	(247,658)	-0.9%
Total	156,278,430	0	156,278,430	1,017,997	157,296,427	1,017,997	0	1,017,997	0.7%

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Determination of Non-Competitive Delivery Revenue Increases for Rate Year 2

Based on Levelized Revenue Requirement

	(1)	(2)	(3)	(4)	(5)=(1)-(2)-(3)-(4)
		Incremental Competitve Svc Revenues			
Service Class	Adj Rate Year Incr. Incl (Surplus)/Deficiency Incl Mitigation Adj. Delivery Rev. (a) ($)	MFC Fixed Component Related Revenue (b) ($)	BPP Component Related Revenue (c) ($)	POR Credit & Collections Related Revenue (d) ($)	Non-Competitive Rate Year Delivery Revenue Increase ($)
SC Nos. 1 & 6 RS IA	1,265,655	9,982	0	6,250	1,249,422
SC Nos. 2 & 6 RS 1B & II	(247,658)	1,212	0	2,266	(251,136)
Total	1,017,997	11,194	0	8,517	998,286

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Impact of Proposed Rate Change on Total Revenue - Rate Year 3*
(Based on Billed Sales and Revenues)

Based on Levelized Revenue Requirement

Service Classification	Type of Service	Total Sales (Mcf)	Customers	Revenue At Current Rates ($000's)	Revenue At Proposed Rates ($000's)	Change ($000's)	Percent Change
1 / 6 IA	Residential	14,631,828	127,362	192,111.9	193,615.3	1,503.4	0.8%
1 / 6 1A	Non Residential	912,800	6,132	11,786.3	11,883.6	97.3	0.8%
2 / 6 IB	Commercial	4,416,312	6,097	43,427.9	42,949.7	(478.2)	-1.1%
6 II	Large Commercial	1,309,685.2	101.0	12,008.7	11,877.7	(131.0)	-1.1%
	Total Firm	21,270,626	139,692	259,334.7	260,326.3	991.6	0.4%

For comparison purposes, an estimated cost of gas supply has been included in the SC No. 6 revenue. This is equivalent on a per unit basis, to the cost of gas supply included in SC No. 1 and 2 revenues.

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Calculation of Incremental Revenue Requirement for Rate Year 3 (1)

Based on Levelized Revenue Requirement

a.	Incremental Revenue Requirement for the Rate Year Including Gross Receipts/MTA Taxes	$1,676,000
b.	Less Gross Receipts/MTA Tax Included in Incremental Revenue Requirement (2)	$31,000
c.	Incremental Revenue Requirement for the Rate Year Excluding Gross Receipts/MTA Taxes (a - b)	$1,645,000
d.	Low Income Credits	$43,000
e.	Total Revenue Requirement + Low Income Credits (c + d)	$1,688,000
f.	Rate Year Bundled Delivery Revenues for the Rate Year for Firm Service Classification Nos. 1, 2, and 6	$157,497,287
g.	Rate Year Overall Percentage Increase in Delivery Revenues (e / f)	1.07176%
h.	Rate Year Overall Percentage Increase in Delivery Revenues less Low Income Credits (c / f)	1.04446%

Note:

1. Twelve months ending December 31, 2021
2. GRT/MTA Gross Up Included in Rev Req = 1.83%

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Allocation of Incremental Revenue Requirement Among Customer Classes for Rate Year 3

Based on Levelized Revenue Requirement

Class	Rate Year Bundled Delivery Rev. ($)	(Surplus)/ Deficiency (a) ($)	Adjusted Rate Year Del Revenue ($)	Rate Increase -1.406% ($)	Adj Delivery Rev incl Rate Incr at Rate Yr Rate Level ($)	Rate Year Increase Incl. (Surplus)/Deficiency	Mitigation Adjustment ($)	Adj. Rate Year Incl. (Surplus)/Deficiency Incl. Mitigation Adj./Dec. ($)	Adjusted Rate Year % Increase
SC Nos. 1 & 6 RS IA	130,945,209	878,658	131,823,867	1,412,835	133,236,702	2,291,493	(186,365)	2,105,128	1.6%
SC Nos. 2 & 6 RS 1B & II	26,552,078	(878,658)	25,673,420	275,157	25,948,577	(603,501)	186,365	(417,136)	-1.6%
Total	157,497,287	0	157,497,287	1,687,992	159,185,279	1,687,992	0	1,687,992	1.1%

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Determination of Non-Competitive Delivery Revenue Increases for Rate Year 3

Based on Levelized Revenue Requirement

	(1)	(2)	(3)	(4)	(5)=(1)-(2)-(3)-(4)
		Incremental Competitve Svc Revenues			
Service Class	Adj Rate Year Incr. Incl (Surplus)/Deficiency Incl Mitigation Adj. Delivery Rev. (a) ($)	MFC Fixed Component Related Revenue (b) ($)	BPP Component Related Revenue (c) ($)	POR Credit & Collections Related Revenue (d) ($)	Non-Competitive Rate Year Delivery Revenue Increase ($)
SC Nos. 1 & 6 RS IA	2,105,128	5,490	0	3,858	2,095,779
SC Nos. 2 & 6 RS 1B & II	(417,136)	(34)	0	324	(417,426)
Total	1,687,992	5,456	0	4,183	1,678,353

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Temporary Surcharge to Be Recovered thorugh Monthly Gas Adjustment in Rate Year 3

Based on Levelized Revenue Requirement

Temporary Surcharge	($685,000)	
Less GRT/MTA Tax	(12,542)	
Net Temporary Surcharge	($672,458)	
Rate Year Sales (CCF)	212,706,259	
MGA Surcharge	($0.00316)	per CCF

Appendix 18
Schedule 4

ORANGE AND ROCKLAND UTILITIES, INC.

Case 18-G-0068

Summary of MFC Monthly Targets
For Rates Effective January 1, 2019, January 1, 2020 and January 1, 2021

Based on Levelized Revenue Requirement

For Rates Effective January 1, 2019	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Total**
Supply Related Component	$74,009	$78,617	$65,903	$44,846	$23,963	$13,176	$12,031	$9,792	$9,683	$13,626	$28,493	$56,214	$430,354
Credit and Collections Related Component	19,150	20,338	17,051	11,611	6,192	3,400	3,091	2,530	2,503	3,518	7,366	14,545	111,295
POR Discount Related Component	37,679	39,670	33,311	23,099	12,233	6,609	5,851	5,043	5,026	6,910	14,578	28,732	218,739
Total	$130,838	$138,624	$116,265	$79,556	$42,388	$23,185	$20,973	$17,364	$17,212	$24,054	$50,438	$99,492	$760,388

For Rates Effective January 1, 2020	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Total**
Supply Related Component	$74,804	$79,619	$67,110	$47,200	$25,255	$14,199	$11,887	$10,022	$9,845	$14,691	$29,026	$58,236	$441,896
Credit and Collections Related Component	19,356	20,597	17,364	12,220	6,526	3,664	3,054	2,589	2,544	3,794	7,504	15,068	114,280
POR Discount Related Component	38,110	40,164	33,938	24,255	12,882	7,112	5,804	5,166	5,114	7,443	14,868	29,749	224,605
Total	$132,270	$140,380	$118,412	$83,675	$44,663	$24,976	$20,745	$17,777	$17,502	$25,928	$51,399	$103,053	$780,781

For Rates Effective January 1, 2021	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Total**
Supply Related Component	$75,910	$80,952	$67,673	$46,709	$24,928	$13,906	$12,170	$10,253	$10,196	$15,662	$29,168	$59,676	$447,203
Credit and Collections Related Component	19,643	20,942	17,509	12,093	6,441	3,589	3,127	2,649	2,634	4,044	7,540	15,441	115,652
POR Discount Related Component	38,672	40,853	34,195	24,017	12,741	6,973	5,946	5,285	5,294	7,918	14,936	30,473	227,303
Total	$134,224	$142,748	$119,377	$82,819	$44,110	$24,467	$21,243	$18,186	$18,124	$27,625	$51,645	$105,589	$790,158

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief - Rate Year 1

Present S.C. No. 1 (Monthly)
(Residential and Space Heating)

Delivery Charges:

Delivery:

First	3	Ccf or less	$20.00	
Next	47	Ccf	65.285	¢/Ccf
All over	50	Ccf	62.835	¢/Ccf

Other Charges:

Merchant Function Charge:

Fixed Procurement	2.132	¢/Ccf
Credit and Collections	0.516	¢/Ccf
Storage WC (supply related)	0.175	¢/Ccf
Uncollectibles	Variable	

Plus:	Gas Supply Charge	
Plus:	Monthly Gas Adjustment	
Plus:	RDM Adjustment	
Plus:	System Benefits Charge	
Plus:	Unauthorized Use of Gas	
Plus:	Increase in Rates and Charges	
Plus:	Billing & Payment Processing Chg	$1.02

Minimum Charge* - $20.00 per month

Proposed S.C. No. 1 (Monthly)
(Residential and Space Heating)

Delivery Charges:

Delivery:

First	3	Ccf or less	$19.50	
Next	47	Ccf	65.948	¢/Ccf
All over	50	Ccf	63.473	¢/Ccf

Other Charges:

Merchant Function Charge:

Fixed Procurement	0.437	¢/Ccf
Credit and Collections	0.114	¢/Ccf
Storage WC (supply related)	0.175	¢/Ccf
Uncollectibles	Variable	

Plus:	Gas Supply Charge	
Plus:	Monthly Gas Adjustment	
Plus:	RDM Adjustment	
Plus:	System Benefits Charge	
Plus:	Unauthorized Use of Gas	
Plus:	Increase in Rates and Charges	
Plus:	Billing & Payment Processing Chg	$1.30

Minimum Charge* - $19.50 per month

Present S.C. No. 2 (Monthly)
(General Service)

Delivery Charges:

First	3	Ccf or less	$30.00	
Next	47	Ccf	46.882	¢/Ccf
Next	4,950	Ccf	45.013	¢/Ccf
All over	5,000	Ccf	39.805	¢/Ccf

Other Charges:

Merchant Function Charge:

Fixed Procurement	0.622	¢/Ccf
Credit and Collections	0.145	¢/Ccf
Storage WC (supply related)	0.175	¢/Ccf
Uncollectibles	Variable	

Plus:	Gas Supply Charge	
Plus:	Monthly Gas Adjustment	
Plus:	RDM Adjustment	
Plus:	System Benefits Charge	
Plus:	Unauthorized Use of Gas	
Plus:	Increase in Rates and Charges	
Plus:	Billing & Payment Processing Chg	$1.02

Minimum Charge* - $30.00 per month

Proposed S.C. No. 2 (Monthly)
(General Service)

Delivery Charges:

Delivery:

First	3	Ccf or less	$30.00	
Next	47	Ccf	45.912	¢/Ccf
Next	4,950	Ccf	44.082	¢/Ccf
All over	5,000	Ccf	38.982	¢/Ccf

Other Charges:

Merchant Function Charge:

Fixed Procurement	0.157	¢/Ccf
Credit and Collections	0.036	¢/Ccf
Storage WC (supply related)	0.175	¢/Ccf
Uncollectibles	Variable	

Plus:	Gas Supply Charge	
Plus:	Monthly Gas Adjustment	
Plus:	RDM Adjustment	
Plus:	System Benefits Charge	
Plus:	Unauthorized Use of Gas	
Plus:	Increase in Rates and Charges	
Plus:	Billing & Payment Processing Chg	$1.30

Minimum Charge* - $30.00 per month

* Minimum charge set at the first block charge.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief - Rate Year 1

Present S.C. No. 6 (Monthly)
(Firm Transportation Service)

Rate Schedule IA - Residential:

Delivery Charges:

First	3	Ccf or less	$20.00	
Next	47	Ccf	65.285	¢/Ccf
All over	50	Ccf	62.835	¢/Ccf

Other Charges:

Plus:	Monthly Gas Adjustment	
Plus:	RDM Adjustment	
Plus:	System Benefits Charge	
Plus:	Winter Bundled Sales Service	
Plus:	Increase in Rates and Charges	
Plus:	Billing & Payment Processing Chg	$1.02

Rate Schedule IB - Non-Residential:

Delivery Charges:

First	3	Ccf or less	$30.00	
Next	47	Ccf	46.882	¢/Ccf
Next	####	Ccf	45.013	¢/Ccf
All over	####	Ccf	39.805	¢/Ccf

Other Charges:

Plus:	Monthly Gas Adjustment	
Plus:	RDM Adjustment	
Plus:	System Benefits Charge	
Plus:	Winter Bundled Sales Service	
Plus:	Increase in Rates and Charges	
Plus:	Billing & Payment Processing Chg	$1.02

Rate Schedule II:

Delivery Charges:

First	100	Ccf or less	$255.18	
Over	100	Ccf	39.805	¢/Ccf

Other Charges:

Plus:	Monthly Gas Adjustment	
Plus:	RDM Adjustment	
Plus:	System Benefits Charge	
Plus:	Winter Bundled Sales Service	
Plus:	Increase in Rates and Charges	
Plus:	Billing & Payment Processing Chg	$1.02

Proposed S.C. No. 6 (Monthly)
(Firm Transportation Service)

Rate Schedule IA - Residential:

Delivery Charges:

Delivery:

First	3	Ccf or less	$19.50	
Next	47	Ccf	65.948	¢/Ccf
All over	50	Ccf	63.473	¢/Ccf

Other Charges:

Plus:	Monthly Gas Adjustment	
Plus:	RDM Adjustment	
Plus:	System Benefits Charge	
Plus:	Winter Bundled Sales Service	
Plus:	Increase in Rates and Charges	
Plus:	Billing & Payment Processing Chg	$1.30

Rate Schedule IB - Non-Residential:

Delivery Charges:

Delivery:

First	3	Ccf or less	$30.00	
Next	47	Ccf	45.912	¢/Ccf
Next	####	Ccf	44.082	¢/Ccf
All over	####	Ccf	38.982	¢/Ccf

Other Charges:

Plus:	Monthly Gas Adjustment	
Plus:	RDM Adjustment	
Plus:	System Benefits Charge	
Plus:	Winter Bundled Sales Service	
Plus:	Increase in Rates and Charges	
Plus:	Billing & Payment Processing Chg	$1.30

Rate Schedule II:

Delivery Charges:

Delivery:

First	100	Ccf or less	$255.18	
Over	100	Ccf	38.982	¢/Ccf

Other Charges:

Plus:	Monthly Gas Adjustment	
Plus:	RDM Adjustment	
Plus:	System Benefits Charge	
Plus:	Winter Bundled Sales Service	
Plus:	Increase in Rates and Charges	
Plus:	Billing & Payment Processing Chg	$1.30

* Assessed on customers receiving a utility single bill

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief - Rate Year 1

Present Rider B - Rate Schedule I Rate IA

Delivery Charges (Summer):

First	3	Ccf or less	$153.51	
All over	3	Ccf	24.901	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$153.51	
All over	3	Ccf	30.910	¢/Ccf

Minimum Charge - $153.51 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Present Rider B - Rate Schedule I Rate IB

Delivery Charges (Summer):

First	3	Ccf or less	$260.68	
All over	3	Ccf	24.901	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$260.68	
All over	3	Ccf	30.910	¢/Ccf

Minimum Charge - $260.68 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Present Rider B - Rate Schedule I Rate IC

Delivery Charges (Summer):

First	3	Ccf or less	$396.82	
All over	3	Ccf	24.901	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$396.82	
All over	3	Ccf	30.910	¢/Ccf

Minimum Charge - $396.82 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

* Excluding the RDM Adjustment

Proposed Rider B - Rate Schedule I Rate IA

Delivery Charges (Summer):

First	3	Ccf or less	$153.51	
All over	3	Ccf	24.385	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$153.51	
All over	3	Ccf	30.271	¢/Ccf

Minimum Charge - $153.51 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Proposed Rider B - Rate Schedule I Rate IB

Delivery Charges (Summer):

First	3	Ccf or less	$260.68	
All over	3	Ccf	24.385	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$260.68	
All over	3	Ccf	30.271	¢/Ccf

Minimum Charge - $260.68 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Proposed Rider B - Rate Schedule I Rate IC

Delivery Charges (Summer):

First	3	Ccf or less	$396.82	
All over	3	Ccf	24.385	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$396.82	
All over	3	Ccf	30.271	¢/Ccf

Minimum Charge - $396.82 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

* Excluding the RDM Adjustment

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief - Rate Year 1

Present Rider B - Rate Schedule I Rate ID

Delivery Charges (Summer):

First	3	Ccf or less	$503.99	
All over	3	Ccf	24.901	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$503.99	
All over	3	Ccf	30.910	¢/Ccf

Minimum Charge - $503.99 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Present Rider B - Rate Schedule II

Delivery Charges (Summer):

First	3	Ccf or less	$57.93	
All over	3	Ccf	4.979	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$57.93	
All over	3	Ccf	6.183	¢/Ccf

Contract Demand - $44.03 per Ccf of Contract Demand

Minimum Charge - $57.93 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Present Rider C

Delivery Charges:

First	3	Ccf or less	$37.07	
All over	3	Ccf	23.052	¢/Ccf

Minimum Charge - $37.07 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

* Excluding the RDM Adjustment

Proposed Rider B - Rate Schedule I Rate ID

Delivery Charges (Summer):

First	3	Ccf or less	$503.99	
All over	3	Ccf	24.385	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$503.99	
All over	3	Ccf	30.271	¢/Ccf

Minimum Charge - $503.99 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Proposed Rider B - Rate Schedule II

Delivery Charges (Summer):

First	3	Ccf or less	$57.93	
All over	3	Ccf	4.876	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$57.93	
All over	3	Ccf	6.055	¢/Ccf

Contract Demand - $43.12 per Ccf of Contract Demand

Minimum Charge - $57.93 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Proposed Rider C

Delivery Charges:

First	3	Ccf or less	$37.07	
All over	3	Ccf	23.286	¢/Ccf

Minimum Charge - $37.07 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

* Excluding the RDM Adjustment

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief - Rate Year 2

Present S.C. No. 1 (Monthly)
(Residential and Space Heating)

Delivery Charges:

Delivery:

First	3	Ccf or less	$19.50	
Next	47	Ccf	65.948	¢/Ccf
All over	50	Ccf	63.473	¢/Ccf

Other Charges:

Merchant Function Charge:

Fixed Procurement	0.437	¢/Ccf
Credit and Collections	0.114	¢/Ccf
Storage WC (supply related)	0.175	¢/Ccf
Uncollectibles	Variable	

Plus: Gas Supply Charge
Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Unauthorized Use of Gas
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge

Minimum Charge* - $19.50 per month

Proposed S.C. No. 1 (Monthly)
(Residential and Space Heating)

Delivery Charges:

Delivery:

First	3	Ccf or less	$19.50	
Next	47	Ccf	66.796	¢/Ccf
All over	50	Ccf	64.290	¢/Ccf

Other Charges:

Merchant Function Charge:

Fixed Procurement	0.439	¢/Ccf
Credit and Collections	0.114	¢/Ccf
Storage WC (supply related)	0.175	¢/Ccf
Uncollectibles	Variable	

Plus: Gas Supply Charge
Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Unauthorized Use of Gas
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge

Minimum Charge* - $19.50 per month

Present S.C. No. 2 (Monthly)
(General Service)

Delivery Charges:

First	3	Ccf or less	$30.00	
Next	47	Ccf	45.912	¢/Ccf
Next	4,950	Ccf	44.082	¢/Ccf
All over	5,000	Ccf	38.982	¢/Ccf

Other Charges:

Merchant Function Charge:

Fixed Procurement	0.157	¢/Ccf
Credit and Collections	0.036	¢/Ccf
Storage WC (supply related)	0.175	¢/Ccf
Uncollectibles	Variable	

Plus: Gas Supply Charge
Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Unauthorized Use of Gas
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge

Minimum Charge* - $30.00 per month

Proposed S.C. No. 2 (Monthly)
(General Service)

Delivery Charges:

Delivery:

First	3	Ccf or less	$30.00	
Next	47	Ccf	45.436	¢/Ccf
Next	4,950	Ccf	43.625	¢/Ccf
All over	5,000	Ccf	38.578	¢/Ccf

Other Charges:

Merchant Function Charge:

Fixed Procurement	0.156	¢/Ccf
Credit and Collections	0.036	¢/Ccf
Storage WC (supply related)	0.175	¢/Ccf
Uncollectibles	Variable	

Plus: Gas Supply Charge
Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Unauthorized Use of Gas
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge

Minimum Charge* - $30.00 per month

* Minimum charge set at the first block charge.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief - Rate Year 2

Present S.C. No. 6 (Monthly)
(Firm Transportation Service)

Rate Schedule IA - Residential:

Delivery Charges:

First	3	Ccf or less	$19.50	
Next	47	Ccf	65.948	¢/Ccf
All over	50	Ccf	63.473	¢/Ccf

Other Charges:

Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Winter Bundled Sales Service
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge*

Rate Schedule IB - Non-Residential:

Delivery Charges:

First	3	Ccf or less	$30.00	
Next	47	Ccf	45.912	¢/Ccf
Next	4,950	Ccf	44.082	¢/Ccf
All over	5,000	Ccf	38.982	¢/Ccf

Other Charges:

Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Winter Bundled Sales Service
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge*

Rate Schedule II:

Delivery Charges:

First	100	Ccf or less	$255.18	
Over	100	Ccf	38.982	¢/Ccf

Other Charges:

Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Winter Bundled Sales Service
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge*

Proposed S.C. No. 6 (Monthly)
(Firm Transportation Service)

Rate Schedule IA - Residential:

Delivery Charges:

Delivery:

First	3	Ccf or less	$19.50	
Next	47	Ccf	66.796	¢/Ccf
All over	50	Ccf	64.290	¢/Ccf

Other Charges:

Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Winter Bundled Sales Service
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge*

Rate Schedule IB - Non-Residential:

Delivery Charges:

Delivery:

First	3	Ccf or less	$30.00	
Next	47	Ccf	45.436	¢/Ccf
Next	4,950	Ccf	43.625	¢/Ccf
All over	5,000	Ccf	38.578	¢/Ccf

Other Charges:

Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Winter Bundled Sales Service
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge*

Rate Schedule II:

Delivery Charges:

Delivery:

First	100	Ccf or less	$255.18	
Over	100	Ccf	38.578	¢/Ccf

Other Charges:

Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Winter Bundled Sales Service
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge*

* Assessed on customers receiving a utility single bill

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief - Rate Year 2

Present Rider B - Rate Schedule I Rate IA

Delivery Charges (Summer):

First	3	Ccf or less	$153.51	
All over	3	Ccf	24.385	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$153.51	
All over	3	Ccf	30.271	¢/Ccf

Minimum Charge - $153.51 per month

Other Charges:

Rates and other provisions of the customer's otherwise applicable service classification*

Present Rider B - Rate Schedule I Rate IB

Delivery Charges (Summer):

First	3	Ccf or less	$260.68	
All over	3	Ccf	24.385	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$260.68	
All over	3	Ccf	30.271	¢/Ccf

Minimum Charge - $260.68 per month

Other Charges:

Rates and other provisions of the customer's otherwise applicable service classification*

Present Rider B - Rate Schedule I Rate IC

Delivery Charges (Summer):

First	3	Ccf or less	$396.82	
All over	3	Ccf	24.385	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$396.82	
All over	3	Ccf	30.271	¢/Ccf

Minimum Charge - $396.82 per month

Other Charges:

Rates and other provisions of the customer's otherwise applicable service classification*

* Excluding the RDM Adjustment

Proposed Rider B - Rate Schedule I Rate IA

Delivery Charges (Summer):

First	3	Ccf or less	$153.51	
All over	3	Ccf	24.133	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$153.51	
All over	3	Ccf	29.957	¢/Ccf

Minimum Charge - $153.51 per month

Other Charges:

Rates and other provisions of the customer's otherwise applicable service classification*

Proposed Rider B - Rate Schedule I Rate IB

Delivery Charges (Summer):

First	3	Ccf or less	$260.68	
All over	3	Ccf	24.133	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$260.68	
All over	3	Ccf	29.957	¢/Ccf

Minimum Charge - $260.68 per month

Other Charges:

Rates and other provisions of the customer's otherwise applicable service classification*

Proposed Rider B - Rate Schedule I Rate IC

Delivery Charges (Summer):

First	3	Ccf or less	$396.82	
All over	3	Ccf	24.133	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$396.82	
All over	3	Ccf	29.957	¢/Ccf

Minimum Charge - $396.82 per month

Other Charges:

Rates and other provisions of the customer's otherwise applicable service classification*

* Excluding the RDM Adjustment

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief - Rate Year 2

Present Rider B - Rate Schedule I Rate ID

Delivery Charges (Summer):

First	3	Ccf or less	$503.99	
All over	3	Ccf	24.385	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$503.99	
All over	3	Ccf	30.271	¢/Ccf

Minimum Charge - $503.99 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Present Rider B - Rate Schedule II

Delivery Charges (Summer):

First	3	Ccf or less	$57.93	
All over	3	Ccf	4.876	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$57.93	
All over	3	Ccf	6.055	¢/Ccf

Contract Demand - $43.12 per Ccf of Contract Demand

Minimum Charge - $57.93 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Present Rider C

Delivery Charges:

First	3	Ccf or less	$37.07	
All over	3	Ccf	23.286	¢/Ccf

Minimum Charge - $37.07 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

* Excluding the RDM Adjustment

Proposed Rider B - Rate Schedule I Rate ID

Delivery Charges (Summer):

First	3	Ccf or less	$503.99	
All over	3	Ccf	24.133	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$503.99	
All over	3	Ccf	29.957	¢/Ccf

Minimum Charge - $503.99 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Proposed Rider B - Rate Schedule II

Delivery Charges (Summer):

First	3	Ccf or less	$57.93	
All over	3	Ccf	4.826	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$57.93	
All over	3	Ccf	5.992	¢/Ccf

Contract Demand - $42.67 per Ccf of Contract Demand

Minimum Charge - $57.93 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Proposed Rider C

Delivery Charges:

First	3	Ccf or less	$37.07	
All over	3	Ccf	23.585	¢/Ccf

Minimum Charge - $37.07 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

* Excluding the RDM Adjustment

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief - Rate Year 3

Present S.C. No. 1 (Monthly)
(Residential and Space Heating)

Delivery Charges:

Delivery:

First	3	Ccf or less	$19.50	
Next	47	Ccf	66.796	¢/Ccf
All over	50	Ccf	64.290	¢/Ccf

Other Charges:

Merchant Function Charge:

Fixed Procurement	0.439	¢/Ccf
Credit and Collections	0.114	¢/Ccf
Storage WC (supply related)	0.175	¢/Ccf
Uncollectibles	Variable	

Plus: Gas Supply Charge
Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Unauthorized Use of Gas
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge

Minimum Charge* - $19.50 per month

Proposed S.C. No. 1 (Monthly)
(Residential and Space Heating)

Delivery Charges:

Delivery:

First	3	Ccf or less	$19.50	
Next	47	Ccf	68.220	¢/Ccf
All over	50	Ccf	65.661	¢/Ccf

Other Charges:

Merchant Function Charge:

Fixed Procurement	0.445	¢/Ccf
Credit and Collections	0.116	¢/Ccf
Storage WC (supply related)	0.175	¢/Ccf
Uncollectibles	Variable	

Plus: Gas Supply Charge
Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Unauthorized Use of Gas
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge

Minimum Charge* - $19.50 per month

Present S.C. No. 2 (Monthly)
(General Service)

Delivery Charges:

First	3	Ccf or less	$30.00	
Next	47	Ccf	45.436	¢/Ccf
Next	4,950	Ccf	43.625	¢/Ccf
All over	5,000	Ccf	38.578	¢/Ccf

Other Charges:

Merchant Function Charge:

Fixed Procurement	0.156	¢/Ccf
Credit and Collections	0.036	¢/Ccf
Storage WC (supply related)	0.175	¢/Ccf
Uncollectibles	Variable	

Plus: Gas Supply Charge
Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Unauthorized Use of Gas
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge

Minimum Charge* - $30.00 per month

Proposed S.C. No. 2 (Monthly)
(General Service)

Delivery Charges:

Delivery:

First	3	Ccf or less	$30.00	
Next	47	Ccf	44.645	¢/Ccf
Next	4,950	Ccf	42.866	¢/Ccf
All over	5,000	Ccf	37.906	¢/Ccf

Other Charges:

Merchant Function Charge:

Fixed Procurement	0.156	¢/Ccf
Credit and Collections	0.036	¢/Ccf
Storage WC (supply related)	0.175	¢/Ccf
Uncollectibles	Variable	

Plus: Gas Supply Charge
Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Unauthorized Use of Gas
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge

Minimum Charge* - $30.00 per month

* Minimum charge set at the first block charge.

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief - Rate Year 3

Present S.C. No. 6 (Monthly)
(Firm Transportation Service)

Rate Schedule IA - Residential:

Delivery Charges:

First	3	Ccf or less	$19.50	
Next	47	Ccf	66.796	¢/Ccf
All over	50	Ccf	64.290	¢/Ccf

Other Charges:

Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Winter Bundled Sales Service
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge*

Rate Schedule IB - Non-Residential:

Delivery Charges:

First	3	Ccf or less	$30.00	
Next	47	Ccf	45.436	¢/Ccf
Next	4,950	Ccf	43.625	¢/Ccf
All over	5,000	Ccf	38.578	¢/Ccf

Other Charges:

Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Winter Bundled Sales Service
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge*

Rate Schedule II:

Delivery Charges:

First	100	Ccf or less	$255.18	
Over	100	Ccf	38.578	¢/Ccf

Other Charges:

Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Winter Bundled Sales Service
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge*

Proposed S.C. No. 6 (Monthly)
(Firm Transportation Service)

Rate Schedule IA - Residential:

Delivery Charges:

Delivery:

First	3	Ccf or less	$19.50	
Next	47	Ccf	68.220	¢/Ccf
All over	50	Ccf	65.661	¢/Ccf

Other Charges:

Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Winter Bundled Sales Service
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge*

Rate Schedule IB - Non-Residential:

Delivery Charges:

Delivery:

First	3	Ccf or less	$30.00	
Next	47	Ccf	44.645	¢/Ccf
Next	4,950	Ccf	42.866	¢/Ccf
All over	5,000	Ccf	37.906	¢/Ccf

Other Charges:

Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Winter Bundled Sales Service
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge*

Rate Schedule II:

Delivery Charges:

Delivery:

First	100	Ccf or less	$255.18	
Over	100	Ccf	37.906	¢/Ccf

Other Charges:

Plus: Monthly Gas Adjustment
Plus: RDM Adjustment
Plus: System Benefits Charge
Plus: Winter Bundled Sales Service
Plus: Increase in Rates and Charges
Plus: Billing and Payment Processing Charge*

* Assessed on customers receiving a utility single bill

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief - Rate Year 3

Present Rider B - Rate Schedule I Rate IA

Delivery Charges (Summer):

First	3	Ccf or less	$153.51	
All over	3	Ccf	24.133	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$153.51	
All over	3	Ccf	29.957	¢/Ccf

Minimum Charge - $153.51 per month

Other Charges:

Rates and other provisions of the customer's otherwise applicable service classification*

Present Rider B - Rate Schedule I Rate IB

Delivery Charges (Summer):

First	3	Ccf or less	$260.68	
All over	3	Ccf	24.133	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$260.68	
All over	3	Ccf	29.957	¢/Ccf

Minimum Charge - $260.68 per month

Other Charges:

Rates and other provisions of the customer's otherwise applicable service classification*

Present Rider B - Rate Schedule I Rate IC

Delivery Charges (Summer):

First	3	Ccf or less	$396.82	
All over	3	Ccf	24.133	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$396.82	
All over	3	Ccf	29.957	¢/Ccf

Minimum Charge - $396.82 per month

Other Charges:

Rates and other provisions of the customer's otherwise applicable service classification*

* Excluding the RDM Adjustment

Proposed Rider B - Rate Schedule I Rate IA

Delivery Charges (Summer):

First	3	Ccf or less	$153.51	
All over	3	Ccf	23.712	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$153.51	
All over	3	Ccf	29.435	¢/Ccf

Minimum Charge - $153.51 per month

Other Charges:

Rates and other provisions of the customer's otherwise applicable service classification*

Proposed Rider B - Rate Schedule I Rate IB

Delivery Charges (Summer):

First	3	Ccf or less	$260.68	
All over	3	Ccf	23.712	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$260.68	
All over	3	Ccf	29.435	¢/Ccf

Minimum Charge - $260.68 per month

Other Charges:

Rates and other provisions of the customer's otherwise applicable service classification*

Proposed Rider B - Rate Schedule I Rate IC

Delivery Charges (Summer):

First	3	Ccf or less	$396.82	
All over	3	Ccf	23.712	¢/Ccf

Delivery Charges (Winter):

First	3	Ccf or less	$396.82	
All over	3	Ccf	29.435	¢/Ccf

Minimum Charge - $396.82 per month

Other Charges:

Rates and other provisions of the customer's otherwise applicable service classification*

* Excluding the RDM Adjustment

ORANGE AND ROCKLAND UTILITIES, INC.

Present and Proposed Rates in Brief - Rate Year 3

Present Rider B - Rate Schedule I Rate ID

Delivery Charges (Summer):

First	3 Ccf or less	$503.99	
All over	3 Ccf	24.133	¢/Ccf

Delivery Charges (Winter):

First	3 Ccf or less	$503.99	
All over	3 Ccf	29.957	¢/Ccf

Minimum Charge - $503.99 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Proposed Rider B - Rate Schedule I Rate ID

Delivery Charges (Summer):

First	3 Ccf or less	$503.99	
All over	3 Ccf	23.712	¢/Ccf

Delivery Charges (Winter):

First	3 Ccf or less	$503.99	
All over	3 Ccf	29.435	¢/Ccf

Minimum Charge - $503.99 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Present Rider B - Rate Schedule II

Delivery Charges (Summer):

First	3 Ccf or less	$57.93	
All over	3 Ccf	4.826	¢/Ccf

Delivery Charges (Winter):

First	3 Ccf or less	$57.93	
All over	3 Ccf	5.992	¢/Ccf

Contract Demand - $42.67 per Ccf of Contract Demand

Minimum Charge - $57.93 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Proposed Rider B - Rate Schedule II

Delivery Charges (Summer):

First	3 Ccf or less	$57.93	
All over	3 Ccf	4.742	¢/Ccf

Delivery Charges (Winter):

First	3 Ccf or less	$57.93	
All over	3 Ccf	5.888	¢/Ccf

Contract Demand - $41.93 per Ccf of Contract Demand

Minimum Charge - $57.93 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

Present Rider C

Delivery Charges:

First	3 Ccf or less	$37.07	
All over	3 Ccf	23.585	¢/Ccf

Minimum Charge - $37.07 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

* Excluding the RDM Adjustment

Proposed Rider C

Delivery Charges:

First	3 Ccf or less	$37.07	
All over	3 Ccf	24.088	¢/Ccf

Minimum Charge - $37.07 per month

Other Charges:

Rates and other provisions of the customer’s otherwise applicable service classification*

* Excluding the RDM Adjustment

Appendix 19

Orange and Rockland Utilities, Inc.
Cases 18-E-0067 & 18-G-0068

Electric, Gas, Common Capital Program Expenditure Reporting Requirements

The Company will file a quarterly report within 45 days after the end of each of the first three quarters of each Rate Year (*e.g.*, the report for the quarter January – March 2019 would be due by May 15, 2019). The annual report will be due 60 days after the end of the last quarter in each rate year (*e.g.*, by March 1, 2020 for Rate Year 1). The quarterly and annual reports will include the information outlined below. The quarterly reports will support the capital projects and blankets, and will reflect cumulative expenditures[1] and plant additions[2] during the Rate Year. The reports will explain any significant changes in project timelines or changes in cost estimates exceeding 15%, as well as an explanation of any new priority capital projects budgeted over $1.0 million for Electric, and over $0.5 million for Gas and Common. In addition, the Company will highlight all new non-blanket gas projects in the quarterly capital expenditure reports and will provide additional information in response to Staff requests.

Quarterly and Annual Reports will include:

- Summary of Capital Expenditures - Blankets, Regular Projects, and All Other
- Summary of Plant Additions - Blankets, Regular Projects, and All Other
- Capital Projects over $1.0 million (Electric); over $0.5 million (Gas and Common)
    - Rate Case – In-service date
    - Projected in-service date
    - Breakdown of expenditures (*e.g.*, payroll, accounts payable, and materials and supplies categories)
    - Comparison of rate year budgeted vs. rate year actual to date
    - Narrative on cost deltas exceeding 15%
    - Narrative on project design, permitting and or construction status (including a detailed construction schedule for each project).
    - Inclusion of any new projects exceeding $1.0 million (Electric), $0.5 million (Gas and Common)
    - Capital project documentation for any projects exceeding $1.0 million (Electric), $0.5 million (Gas and Common) that were authorized during the previous quarter.
- R&D Expenditure Reports (Quarterly Only)

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[1] Expenditures – this includes all charges to active and on-going construction projects.

[2] Plant Additions – the increase in plant-in-service resulting from a transfer of costs from ongoing construction projects to plant-in-service upon completion of the project.

ORANGE AND ROCKLAND UTILITIES, INC.
Electric Base Rate Case 18-E-0067
Settlement Position - Labor

		Rate Year 1		**Rate Year 2**		**Rate Year 3**		**TOTAL**	
Weekly Employees:	**Start Date**	**# of positions**		**# of positions**		**# of positions**		**# of positions**	
Meter Readers	Jan-19	(12)	$ (382,903)		$ (388,888)		$ (395,170)	(12)	$ (1,166,961)
Equipment Technicians	Jan-19	4	244,576		250,450		254,496	4	749,522
Substation Operations Employees	Jan-19	2	167,857		171,888		174,664	2	514,409
Monthly Employees:									
Smart Grid Operating Supervisor	Jan-19	1	44,406		45,294		46,200	1	135,900
Firewall Administrator	Jan-19	1	86,503		88,233		89,998	1	264,734
Underground Engineer	Jan-19	1	21,702		22,136		22,579	1	66,417
SCADA Engineer	Jan-19	1	16,535		16,866		17,203	1	50,604
DER Integration Financial Analyst	Jan-19	1	68,896		70,274		71,680	1	210,850
Expanding Energy Efficiency Program	Jun-19	1	54,075		94,091		95,972	1	244,138
Technical Programmers	Jan-18	6	27,205		27,749		28,304	6	83,258
New Business Service Engineer	Jan-18	1	70,663		72,076		73,518	1	216,257
Information Technology Planning	Jan-19	1	6,859		6,996		7,136	1	20,991
Corporate Communications Transmission Network (“CCTN”) Operations and Support FTEs	Jun-18	2	10,021		10,221		10,425	2	30,667
Project Specialist DSP Implementation	Jan-19	1	101,500		103,530		105,601	1	310,631
Planning Engineer System Forecasts/Data Analytics	Jan-19	1	101,500		103,530		105,601	1	310,631
Planning Engineer NWA Analyst	Jan-19	1	101,500		103,530		105,601	1	310,631
		13	$ 740,895		$ 797,976		$ 813,808	13	$ 2,352,679

ORANGE AND ROCKLAND UTILITIES, INC.
Gas Base Rate Case 18-G-0068
Settlement Position - Labor

		Rate Year 1		Rate Year 2		Rate Year 3		TOTAL	
Weekly Employees:	**Start Date**	**# of positions**		**# of positions**		**# of positions**		**# of positions**	
Meter Readers	Jan-19	(12)	$ (165,506)		$ (168,093)		$ (170,809)	(12)	$ (504,408)
Gas Troubleshooters	Jan-19	2	186,143		190,614		193,693	2	570,450
Monthly Employees:									
Training Specialist	Jan-18	1	84,480		86,170		87,894	1	258,544
Technical Programmers	Jan-18	6	11,759		11,994		12,234	6	35,987
New Business Service Engineer	Jan-18	1	30,543		31,154		31,777	1	93,474
		(2)	$ 147,419		$ 151,839		$ 154,789	(2)	$ 454,047

REVENUE DECOUPLING MECHANISM

I. Electric Revenue Decoupling Mechanism

The Electric Revenue Decoupling Mechanism ("RDM") will continue to be based on a total delivery revenue[1] methodology for customer groups that are included in the RDM, as set forth in the Company's electric tariff, modified commencing with the effective date of the Electric Rate Plan as follows:

- to add Service Classifications ("SC") Nos. 4 and 6 to the RDM as Group F;
- the definition in the electric tariff of the beginning and ending month of the Rate Year will be changed from the 12 months ending October 31 of each year to the 12 months ending December 31 of each year;
- the period during which total delivery revenue excess/shortfalls for each customer group will be refunded/surcharged to customers will be changed from 12-month periods commencing each December 1 to 12-month periods commencing each February 1;
- to account for the partial Rate Year period of November 1, 2018 through December 31, 2018, the sum of the monthly delivery revenue excess/shortfalls for those months, for each customer group, will be refunded/surcharged to customers through customer group-specific RDM Adjustments that are applicable during the 12-month period commencing February 1, 2019;
- if the Company does not file for new base delivery rates to take effect within 15 days upon the expiration of RY3, the RDM will remain in effect and the delivery

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[1] Total delivery revenue includes both billed and unbilled revenue.

revenue targets effective January 1, 2021 will continue, but will be restated to reflect the expiration of the temporary surcharge that is being collected through the Energy Cost Adjustment in RY3; and

- if new base delivery rates take effect on a date other than January 1, the sum of the monthly delivery revenue excess/shortfalls for each month of the partial year, for each customer group, will be refunded/surcharged to customers through customer group-specific RDM Adjustments applicable during the subsequent 12-month period commencing one month after new base delivery rates take effect.

The RDM targets for each Rate Year are detailed in Schedule 1 to this Appendix.

II. Gas Revenue Decoupling Mechanism

The Company will continue its gas RDM; however, such RDM will no longer be based on a Revenue Per Customer model, but instead will be based on a Revenue Per Class model whereby each customer group will have a target revenue level established in the gas tariff.

The applicability of the RDM to customer groups will continue as follows:

Group A – SC Nos. 1 and SC No. 6 Rate Schedule IA customers.

Group B – SC Nos. 2 and SC No. 6 Rate Schedule IB and Rate Schedule II customers.

The RDM will not apply to customers taking service under Riders B, C, and D.

Under the revised gas RDM, actual delivery revenue will be compared, on a monthly basis, with a delivery revenue target for each customer group.

a. Actual Delivery Revenue

Actual Delivery Revenue, determined for each customer group, will be calculated as the sum of billed revenue derived from: (a) delivery charges as defined in SC Nos. 1 and 2; (b) transportation charges as defined in SC No. 6; and (c) the weather normalization adjustment. Actual delivery revenue shall not include revenues derived from the RDM Adjustment. Commencing January 1, 2021, actual delivery revenue will also include revenues associated with the temporary credit in the Monthly Gas Adjustment (“MGA”).

b. Delivery Revenue Targets

Delivery revenue targets will be adjusted to reflect delivery rate changes that occur during a rate plan. Monthly and rate year delivery revenue targets effective January 1, 2019, January 1, 2020, and January 1, 2021 for each customer group included in the RDM are set forth in Schedule 2 of this Appendix.

c. RDM Adjustment

For each customer group subject to the RDM, the Company will, on a monthly basis, compare actual delivery revenue to the delivery revenue target. If the monthly actual delivery revenue exceeds the delivery revenue target, the delivery revenue excess will be accrued for refund to customers at the end of the Annual RDM Period.[2] Likewise, if the monthly actual delivery revenue is less than the delivery revenue target, this delivery revenue shortfall will be accrued for recovery from customers at the end of the Annual RDM Period.

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[2] “Annual RDM Periods” are twelve-month periods commencing January 1 of each year.

On a monthly basis, interest at the Commission's rate for other customer provided capital will be calculated on the average of the current and prior month’s cumulative delivery revenue excess/shortfall (net of state and federal income tax benefits).

At the end of an Annual RDM Period, total delivery revenue excess/shortfalls for each customer group will be refunded/surcharged to customers through customer group-specific RDM Adjustments applicable during the subsequent twelve-month period commencing February 1. The Company will file a Statement of RDM Adjustments during the month following the end of each Annual RDM Period and no less than ten calendar days before the date on which the statement is proposed to be effective.

The customer group specific RDM Adjustments will be determined on a cents per Ccf basis by dividing the total delivery revenue excess/shortfalls for the Annual RDM Period for each customer group by forecast Ccf deliveries of the associated customer group for the corresponding RDM Adjustment Recovery Period.

The Company may implement interim RDM Adjustments by customer group on no less than ten days’ notice following the same procedures for interim Gas Supply Charge adjustments.

If the Company does not file for new base delivery rates to take effect within 15 days upon the expiration of RY3, the RDM will remain in effect and the delivery revenue targets effective commencing January 1, 2022 shall be equal to the delivery revenue targets effective January 1, 2021, adjusted to reflect the removal of the temporary credit in the MGA. If new base delivery rates take effect on a date other than January 1, the sum of the monthly delivery revenue excess/shortfalls for each month of the partial year, for each customer group, will be refunded/surcharged to customers through customer group-specific RDM Adjustments applicable during the subsequent twelve-month period commencing one month after new base delivery rates take effect.

III. Provisions Applicable to Both Electric and Gas

a. Partial Rate Year Reconciliation (Applicable to both Electric and Gas)

To account for the partial Rate Year period of November 1, 2018 through December 31, 2018, the sum of the monthly delivery revenue excess/shortfalls for those months, for each group, will be refunded/surcharged to customers through group-specific RDM Adjustments that are applicable during the 12-month period commencing February 1, 2019.

b. Adjustments to RDM Targets

During the course of the Electric and Gas Rate Plans, the Company through a tariff filing, or any Signatory Party by petition to the Commission, may propose an adjustment to the currently-effective RDM targets if the Company or such Signatory Party, as applicable, believes that circumstances are resulting in anomalous results unduly impacting certain customers. Any proposed changes to RDM targets are to be revenue neutral to the Company.

c. Make Whole Provisions

For the Company's annual RDM reconciliation for RY1 for both electric and gas, the revenue targets to which actual revenues are compared for the period January 1, 2019 until the date rates become effective as a result of the extension of the Case Nos. 18-E-0067 and 18-G-0068 suspensions will be equal to the monthly targets under the existing Case Nos. 14-E-0493 and 14-G-0494 rate plans. The targets for the remainder of RY1 will be the monthly targets as contained in Schedules 1 and 2 to this Appendix.

ORANGE AND ROCKLAND UTILITIES, INC.

Cases 18-E-0067 and 18-G-0068

Appendix 21 - Revenue Decoupling Mechanism

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Orange and Rockland Utilities, Inc.

Case 18-E-0067

Summary of Monthly Electric RDM Targets - RY1
Revenue Targets for Rate Year Ending December 31, 2019 - (Thousand $)

Billed	**Residential SC 1/19**	**Secondary SC 2/20**	**SC 2p/3/21**	**Primary SC 9**	**SC 22**	**Lighting**	**TOTAL Billed**	**Unbilled**	**Total**
Jan-19	$15,261	$5,371	$1,225	$672	$450	$219	$23,198	($599)	$22,599
Feb-19	14,024	5,347	1,305	843	465	221	22,205	(983)	$21,222
Mar-19	13,321	5,241	1,259	759	489	223	21,292	1,473	$22,765
Apr-19	12,307	5,071	1,205	739	501	211	20,034	883	$20,917
May-19	11,904	5,196	1,270	731	495	203	19,799	880	$20,679
Jun-19	14,289	6,026	2,196	1,421	822	198	24,952	245	$25,197
Jul-19	20,129	8,490	2,397	1,577	849	213	33,655	120	$33,775
Aug-19	21,028	8,463	2,139	1,441	794	221	34,086	1,365	$35,451
Sep-19	18,863	8,097	2,338	1,595	1,016	225	32,134	(960)	$31,174
Oct-19	13,827	6,170	1,278	1,067	471	285	23,098	1,920	$25,018
Nov-19	12,537	5,285	1,324	726	523	224	20,619	(1,958)	$18,661
Dec-19	13,995	5,274	1,274	705	490	219	21,957	(967)	$20,990
RY ending Dec 2019	$181,485	$74,031	$19,210	$12,276	$7,365	$2,662	$297,029	$1,419	$298,448

Orange and Rockland Utilities, Inc.

Case 18-E-0067

Summary of Monthly Electric RDM Targets - RY2
Revenue Targets for Rate Year Ending December 31, 2020 - (Thousand $)

Billed	**Residential SC 1/19**	**Secondary SC 2/20**	**SC 2p/3/21**	**Primary SC 9**	**SC 22**	**Lighting**	**TOTAL Billed**	**Unbilled**	**Total**
Jan-20	$16,044	$5,550	$1,334	$697	$495	$211	$24,331	($1,083)	$23,248
Feb-20	14,669	5,497	1,343	837	506	$214	$23,066	(240)	$22,826
Mar-20	13,840	5,355	1,297	752	521	$215	$21,980	1,673	$23,653
Apr-20	12,827	5,233	1,198	694	514	$200	$20,666	980	$21,646
May-20	12,433	5,382	1,339	807	538	$193	$20,692	676	$21,368
Jun-20	15,281	6,468	2,344	1,604	899	$189	$26,785	(658)	$26,127
Jul-20	20,420	8,449	2,330	1,611	861	$204	$33,875	1,907	$35,782
Aug-20	22,294	8,890	2,348	1,675	908	$212	$36,327	299	$36,626
Sep-20	19,632	8,334	2,380	1,764	1,071	$216	$33,397	(790)	$32,607
Oct-20	15,335	6,851	1,360	1,217	514	$271	$25,548	(105)	$25,443
Nov-20	13,089	5,436	1,435	821	595	$213	$21,589	(1,916)	$19,673
Dec-20	14,818	5,505	1,227	711	479	$209	$22,949	(1,073)	$21,876
RY ending Dec 2020	$190,682	$76,950	$19,935	$13,190	$7,901	$2,547	$311,205	($330)	$310,875

Orange and Rockland Utilities, Inc.

Case 18-E-0067

Summary of Monthly Electric RDM Targets - RY3
Revenue Targets for Rate Year Ending December 31, 2021 - (Thousand $)

Billed	**Residential SC 1/19**	**Secondary SC 2/20**	**SC 2p/3/21**	**Primary SC 9**	**SC 22**	**Lighting**	**TOTAL Billed**	**Unbilled**	**Total**
Jan-21	$16,619	$5,668	$1,446	$820	$562	$209	$25,324	($1,215)	$24,109
Feb-21	15,254	5,663	1,304	832	489	$209	$23,751	(868)	$22,883
Mar-21	14,383	5,514	1,331	822	538	$211	$22,799	1,634	$24,433
Apr-21	13,306	5,378	1,271	804	567	$199	$21,525	850	$22,375
May-21	12,871	5,529	1,464	879	633	$191	$21,567	491	$22,058
Jun-21	15,893	6,558	2,194	1,515	883	$188	$27,231	(187)	$27,044
Jul-21	21,474	8,810	2,625	1,862	999	$203	$35,973	898	$36,871
Aug-21	23,266	9,123	2,332	1,691	935	$211	$37,558	694	$38,252
Sep-21	20,560	8,601	2,358	1,715	1,050	$216	$34,500	(606)	$33,894
Oct-21	15,647	7,012	1,481	1,361	627	$269	$26,397	(210)	$26,187
Nov-21	13,114	5,385	1,347	775	573	$214	$21,408	(534)	$20,874
Dec-21	15,311	5,656	1,417	843	588	$209	$24,024	(1,490)	$22,534
RY ending Dec 2021	$197,698	$78,897	$20,570	$13,919	$8,444	$2,529	$322,057	($543)	$321,514

Orange and Rockland Utilities, Inc.

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Summary of Monthly Gas RDM Targets - RY1
Revenue Targets for Rate Year Ending December 31, 2019 - (Thousand $)

Billed	**SC1/SC6 IA**	**SC2/SC6 IB and SC6 II**	**TOTAL Billed**	**Unbilled**	**Total**
Jan-19	$19,235	$3,860	$23,096	$1,259	$24,354
Feb-19	20,238	3,977	24,215	(2,344)	$21,871
Mar-19	17,368	3,409	20,777	(2,689)	$18,088
Apr-19	12,628	2,600	15,228	(3,918)	$11,311
May-19	7,727	1,803	9,530	(2,040)	$7,490
Jun-19	5,241	1,180	6,421	(836)	$5,585
Jul-19	4,894	1,149	6,042	268	$6,310
Aug-19	4,510	929	5,439	335	$5,774
Sep-19	4,495	1,012	5,507	718	$6,225
Oct-19	5,352	1,248	6,600	4,105	$10,705
Nov-19	8,813	1,965	10,778	3,945	$14,723
Dec-19	15,187	3,121	18,307	2,040	$20,348
RY ending Dec 2019	$125,688	$26,252	$151,941	$844	$152,784

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Summary of Monthly Gas RDM Targets - RY2
Revenue Targets for Rate Year Ending December 31, 2020 - (Thousand $)

Billed	SC1/SC6 IA	SC2/SC6 IB and SC6 II	TOTAL Billed	Unbilled	Total
Jan-20	$19,559	$3,838	$23,398	$1,329	$24,726
Feb-20	20,613	3,953	$24,566	(1,738)	$22,828
Mar-20	17,772	3,402	$21,174	(2,871)	$18,303
Apr-20	13,252	2,658	$15,910	(4,587)	$11,323
May-20	8,075	1,844	$9,919	(2,250)	$7,669
Jun-20	5,507	1,229	$6,736	(1,095)	$5,641
Jul-20	4,898	1,120	$6,019	372	$6,391
Aug-20	4,593	941	$5,534	268	$5,802
Sep-20	4,561	1,019	$5,579	620	$6,200
Oct-20	5,636	1,308	$6,944	3,546	$10,490
Nov-20	8,998	1,966	$10,964	4,337	$15,301
Dec-20	15,756	3,159	$18,916	1,405	$20,321
RY ending Dec 2020	$129,222	$26,438	$155,659	($665)	$154,994

Orange and Rockland Utilities, Inc.

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Summary of Monthly Gas RDM Targets - RY3
Revenue Targets for Rate Year Ending December 31, 2021 - (Thousand $)

Billed	**SC1/SC6 IA**	**SC2/SC6 IB and SC6 II**	**TOTAL Billed**	**Unbilled**	**Total**
Jan-21	$19,897	$3,753	$23,651	$1,668	$25,319
Feb-21	21,011	3,875	$24,886	(2,441)	$22,445
Mar-21	17,974	3,315	$21,288	(2,706)	$18,582
Apr-21	13,194	2,563	$15,757	(4,202)	$11,555
May-21	8,037	1,783	$9,820	(2,103)	$7,716
Jun-21	5,466	1,189	$6,655	(922)	$5,733
Jul-21	4,984	1,109	$6,093	290	$6,383
Aug-21	4,666	933	$5,599	264	$5,864
Sep-21	4,660	1,018	$5,677	617	$6,295
Oct-21	5,879	1,323	$7,202	3,293	$10,495
Nov-21	9,065	1,903	$10,968	4,773	$15,741
Dec-21	16,157	3,111	$19,268	1,433	$20,701
RY ending Dec 2021	$130,990	$25,875	$156,865	($35)	$156,829