as of 9/12/19 **Base Rate Filing** Compliance Filing as of June 1, 2020 Schedule C COST OF SERVICE Base Rate Results - \$ in ooos FY 2021 Original FY 2021 Refreshed Adjustments C1\* Purchased Power, Net \$293,316 (9,934) \$283,382 C<sub>2</sub> Production 26,240 (392) 25,848 Purchased Power and Production 319,556 (10,326) 309,230 C3 109,689 Transmission 114,112 (4,423) C4 Platform O&M 130,793 130,793 Non Base O&M Costs - AMI C5 96 96 C6 Non Base O&M Costs - KCW 841 841 C7 (281) (281) Acct 929 C8 Plant Depreciation 66,842 66,842 C9 **Regulatory Amortizations** 3,945 3,945 C10 Municipal Taxes 31,694 31,694 Other Taxes, excluding Revenue Taxes C11 2,524 2,524 C12 Accretion Expense 294 294 C13 Capital Costs (Credit Facility Fees and Return on REC Inventory) 395 395 Total Fixed Operating Expenses \$237,143 \$237,143 C14 Taxes - Federal and State 20,262 (3,561) 16,702 Return on Utility Rate Base C15 113,181 (8,308) 104,873 Total Cost of Service Before Credits \$804,255 (\$26,618) \$777,637 Less: C16 **Equity in Earnings of Affiliates** 75,346 75,346 Other Operating Revenues C17 20,635 20,635 C<sub>1</sub>8 Business Development, Net 348 348 Total Fixed Cost of Service Credits \$96,329 \$96,329 Cost of Service to Ultimate Consumers (26,618) 681,308 707,926 C19 Gross Revenue & Fuel Gross Receipts Taxes 6,683 (250) 6,933 Total Cost of Service to Ultimate Consumers (26,868) 687,991 714,859 C20 Fixed Merger Savings (38,457) (38,457) Total Cost of Service to Ultimate Consumers before Smoothing Adjustment (26,868) 676,402 649,534 Rate Smoothing Adjustor 2,504 2,504 C21 Total Cost of Service to Ultimate Consumers \$678,906 (26,868) \$652,038 C21 Revenue from Ultimate Consumers 661,903 652,384 (9,519)Revenue Deficiency/(Sufficiency) from Ultimate Consumers\*\* C21 17,003 (17,349) (346) \*\* C21 Revenue from Ultimate Consumers excluding Transmission Class 624,170 616,983 C21 Base Rate Revenue Adjustment Percent\*\* 2.72% -0.06% \*\*

FY 2021 Base Rate

Schedule C-COS June 1, 2020

Refreshed FY 2021

<sup>\*</sup>Further details on each line item are included in the numbered sub-schedules referenced in this column

<sup>\*\*</sup>Note: Base Rate Revenue Adjustment Percentage for Refreshed FY 2021 based on forecasted changes in annual power supply, revenue and other items as allowed in the MYRP. GMP has petitioned to leave Base Rates for FY21 unchanged, at 0.00%, and to apply any revenue surplus to outstanding owed adjustors.

| Cost of Service Adjustments - \$ in ooos                                                                                                             | of | Base Rate as<br>9/12/19<br>Jiance Filing |    |                                        | Base F | eshed FY 2021<br>Rate Filing as of<br>one 1, 2021 |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------------------|----|----------------------------------------|--------|---------------------------------------------------|
| Schedule C1: Purchase Power, Net                                                                                                                     | i  | Y 2021                                   | Ad | justments                              |        | FY 2021                                           |
| All Purchased Power - Energy net of NCPC<br>Credit and System Resale<br>All Purchased Power - Capacity<br>Resale Sales - Iso and Unit<br>REC Revenue | \$ | 270,863<br>41,406<br>(9,389)<br>(9,564)  | \$ | (5,217)<br>1,280<br>(4,369)<br>(1,629) | \$     | 265,647<br>42,686<br>(13,758)<br>(11,193)         |
| Net Purchased Power                                                                                                                                  | \$ | 293,316                                  | \$ | (9,934)                                | \$     | 283,382                                           |

#### Narrative Description

Net Purchase Power Expense is developed using projected rate year loads developed from third party consultant -ltron, Inc. retail sales volumes. Volumes and prices of purchased power sources are adjusted to reflect contractual changes (e.g., changes in contract volume or formula prices) and normal weather conditions (wind, solar, etc.). Projected Net Meter volumes are also provided by Itron, based in part on GMP input with respect to the future pace of growth of installed net meter capacity.

| Outer Years Fixed or to be Reforecast: | FY 2021 and FY 2022 will be refreshed annually.                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expense subject to Adjustor:           | This expense will be included in the Power Supply Adjustor. Actual Net Purchased Power Expenses Adjustor will be compared to benchmark costs on a quarterly basis. Total variances in demand, marginal loss, and ISO ancillary charges will be fully returned to (or collected from) customers; the total of other variances will be shared with customers subject to the Efficiency Band. |
| Reference to Annual COS File(s):       | GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 1; GMP FY 2021 June 1 Filing V1, COS tab - Adjustment 1;                                                                                                                                                                                                                                                                     |
| Source Detail Document(s):             | CY_POWER 2021_2025 5 26 20 (w TX adjustments).xlsx                                                                                                                                                                                                                                                                                                                                         |

| Cost of Service Adjustments - \$ in ooos | as o    | 1 Base Rate<br>f 9/12/19<br>iance Filing |             |                | Base | shed FY 2021<br>Rate Filing as<br>une 1, 2021 |
|------------------------------------------|---------|------------------------------------------|-------------|----------------|------|-----------------------------------------------|
| Schedule C2-a: Production Fuel           | F       | Y 2021                                   | Adjustments |                |      | FY 2021                                       |
| Peaking Units                            | \$      | 1,482                                    | \$          | (135)          | \$   | 1,348                                         |
| Wyman<br>McNeil                          |         | 528<br>5,268                             |             | (264)<br>(641) |      | 264<br>4,627                                  |
| Stonybrook                               |         | 541                                      |             | (82)           |      | 460                                           |
| Millstone Net Purchased Power            | <u></u> | 1,258                                    | <b>.</b>    | (24)           | ¢    | 1,234                                         |
| Net Purchased Power                      | \$      | 9,077                                    | \$          | (1,145)        | \$   | 7,932                                         |

## **Narrative Description**

Reflects the cost of fuel used to produce energy from company-owned (wholly or joint-owned) units. The price for Millstone 3 nuclear units is based on an inflationary increase to this fuel cycle's price; the prices for Stonybrook, Wyman and GMP peaking units are based on projected general price levels of fossil fuel; McNeil's projected price reflects a 2% annual increase to the average 2019 test year price.

| Outer Years Fixed or to be Reforecast: | FY 2021 and FY 2022 will be refreshed annually.                                                                                                                                                                                                                  |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expense subject to Adjustor:           | This expense will be included in the Power Supply Adjustor. Production Fuel is part of the Component B expenses that will be compared to benchmark expenses on a quarterly basis, with the total variances shared with customers subject to the Efficiency Band. |
| Reference to Annual COS File(s):       | GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 2; GMP FY 2021 June 1 Filing V1, COS tab - Adjustment 2;                                                                                                                                           |
| Source Detail Document(s):             | CY_POWER 2021_2025 5 26 20 (w TX adjustments).xlsx                                                                                                                                                                                                               |

Green Mountain Power Multi-Year Regulation Plan Cost of Service Adjustments - \$ in ooos

Schedule C2-b: Production Joint-Owned O&M Expense

|                             | Memo Item:<br>Calendar Year<br>2019 Test Year<br>Actual Expense | FY 2021 Base<br>Rate as of<br>9/12/19<br>Compliance<br>Filing |            | Refreshed FY<br>2021 Base Rate<br>Filing as of June<br>1, 2021 |
|-----------------------------|-----------------------------------------------------------------|---------------------------------------------------------------|------------|----------------------------------------------------------------|
|                             |                                                                 | FY 2021                                                       | Adjustment | FY 2021                                                        |
| Wyman                       | \$284                                                           | \$401                                                         | (\$101)    | \$300                                                          |
| McNeil                      | 2,747                                                           | \$1,870                                                       | \$210      | 2,080                                                          |
| Stonybrook                  | 1,162                                                           | \$1,018                                                       | (\$178)    | 840                                                            |
| Millstone                   | 4,554                                                           | \$3,639                                                       | \$496      | 4,135                                                          |
| Net Joint-Owned O&M Expense | \$8,748                                                         | \$6,928                                                       | \$427      | \$7,355                                                        |

#### Narrative Description

Joint-Owned Production O&M expense is calculated in total based on a five-year average. The Refreshed total Joint-Owned expense is a five-year average based on actuals from 2015 - 2019. The projection from last year was also a five year average but the time frame included actuals from 2014 - 2018. The individual resource amounts represent estimated shares of the total.

| Outer Years Fixed or to be Reforecast: | FY 2021 and FY 2022 will be refreshed annually.                                                                                                                                                                                                          |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expense subject to Adjustor:           | This expense is included in the Power Supply Adjustor. Joint-Owned O&M expense is part of the Component A expenses that will be compared to benchmark expenses on a quarterly basis, with the total variances returned to (or collected from) customers. |
| Reference to Annual COS File(s):       | GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 3; GMP FY 2021 June 1 Filing V1, COS tab - Adjustment 3;                                                                                                                                   |
| Source Detail Document(s):             | 2021 C3 Joint Owned.xlsx/Rate Year Detail                                                                                                                                                                                                                |

| Cost of Service Adjustments - \$ in ooos Schedule C2-c: Production Wholly-Owned O&M Expense   | FY 2021 Base<br>Rate as of<br>9/12/19<br>Compliance |            | Refreshed FY<br>2021 Base Rate<br>Filing as of June<br>1, 2021 |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------|------------|----------------------------------------------------------------|
| Schedule C2-C. Production whomy-owned Oam Expense                                             | FY 2021                                             | Adjustment | FY 2021                                                        |
| Test Year Expense: (12 months ended December 2018 in initial MYRP filing; 12                  |                                                     |            |                                                                |
| months ended December 2019 in refresh)                                                        | \$9,661                                             |            | \$10,360                                                       |
| Known and Measurable Adjustments:                                                             |                                                     |            |                                                                |
| = KCW station service increase                                                                | 20                                                  |            | 15                                                             |
| = Vestas increase due to inflation                                                            | 118                                                 |            | 77                                                             |
| = Stormwater LS sampling costs in test year not in rate year                                  | (38)                                                |            | (39)                                                           |
| = Crane path costs in test year not in rate year                                              | (16)                                                |            | (20)                                                           |
| = ADLS annual maintenance not in test year                                                    | 25                                                  |            | -                                                              |
| = JSC 40,000 hour service in test year not in rate year                                       |                                                     |            | (38)                                                           |
| <ul> <li>Rock anchor and tower bolt tensioning costs in test year not in rate year</li> </ul> |                                                     |            | (34)                                                           |
| = Pay increase of 3.0% in 2019 and 3.0% in 2020; 2.90% in 2021 and 2022.                      | 280                                                 |            | 187                                                            |
| = Searsburg tower painting not in test year                                                   | 35                                                  |            | 35                                                             |
| = Panton battery storage O&M that did not occur in test year that will occur in rate year     | 20                                                  |            |                                                                |
| = New battery storage locations not in test year                                              | 36                                                  |            |                                                                |
| = Penstock safety inspections every 5 years                                                   | 25                                                  |            | (51)                                                           |
| = Low impact hydro institute annual fees not in test year                                     | 12                                                  |            | 14                                                             |
| = Dam safety inspections not in test year                                                     | 93                                                  |            | 44                                                             |
| = Generator cleaning not in test year                                                         | 68                                                  |            | 18                                                             |
| = Enel costs in test year but not in rate year, Plant 126 sold                                | (104)                                               |            | (6)                                                            |
| Updated Wholly-Owned O&M Expense                                                              | \$10,235                                            | \$326      | \$10,561                                                       |

## Narrative Description

Wholly-owned production O&M expense included in the initial MYRP filing had been adjusted to reflect the specific known and measurable changes noted above from actual calendar year 2018 test year. The Refreshed O&M expense is based on actual test year spending for calendar year 2019, adjusted for known and measurable changes for FY 2021.

| Outer Years Fixed or to be Reforecast: | FY 2021 and FY 2022 will be refreshed annually.                                                                                                                                                                                                                 |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expense subject to Adjustor:           | This expense will be included in the Power Supply Adjustor. Production O&M is part of the Component B expenses that will be compared to benchmark expenses on a quarterly basis, with the total variances shared with customers subject to the Efficiency Band. |
| Reference to Annual COS File(s):       | GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 5; GMP FY 2021 June 1 Filing V1.xlsx COS tab - Adjustment 5;                                                                                                                                      |
| Source Detail Document(s):             | COS Adj C <sub>5</sub> Wholly-Owned Production 4-17-20 FINAL.xlsx                                                                                                                                                                                               |

Green Mountain Power
Multi-Year Regulation Plan
Cost of Service Adjustments - \$ in ooos

| edule C3: Transmission by Others                  | FY 2021 Base Rate<br>as of 9/12/19<br>Compliance Filing |             | Refreshed FY 2021<br>Base Rate Filing as<br>of June 1, 2021 |
|---------------------------------------------------|---------------------------------------------------------|-------------|-------------------------------------------------------------|
|                                                   | FY 2021                                                 | Adjustments | FY 2021                                                     |
| VELCO VTA Specific Facilities                     | \$129                                                   | (6.94)      | \$122                                                       |
| VELCO VTA Common Charge                           | 25,091                                                  | (4,489.74)  | 20,601                                                      |
| ISO RNS Charge                                    | 76,036                                                  | 504.41      | 76,540                                                      |
| National Grid                                     | 1,680                                                   | (132.55)    | 1,548                                                       |
| Phase I and II                                    | 2,892                                                   | 85.08       | 2,977                                                       |
| Other TbyO                                        | 825                                                     | 100.34      | 925                                                         |
| Total Transmission by Others COS Adjustment 4     | \$106,653                                               | (3,939.41)  | \$102,713                                                   |
| Rents (567)                                       | 319                                                     | -           | 319                                                         |
| ISO/NEPOOL Tariffs (561/575)                      | 7,139                                                   | (483.60)    | 6,656                                                       |
| Total Transmission-Related Costs COS Adjustment 5 | \$7,458                                                 | (483.60)    | \$6,975                                                     |
| Total Purchased Transmission                      | \$114,111                                               | (\$4,423)   | \$109,688                                                   |

# Narrative Description

Transmission by Others values reflect expected NEPOOL Open Access Transmission Tariff (NOATT) charges based upon projected rates times projected GMP network loads, less projected credits for RNS payments from PSNH and Woodsville. The value for VELCO VTA charges is based upon a projection of costs from VELCO, reduced by NOATT, Specific Facility, and other credits. Other TbyO values were projected using recent values or general trends.

| Outer Years Fixed or to be Reforecast: | FY 2021 and FY 2022 will be refreshed annually.                                                                                                                                                                                                              |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expense subject to Adjustor:           | This expense will be included in the Power Supply Adjustor. Transmission by Others is part of the Component A expenses that will be compared to benchmark expenses on a quarterly basis, with the total variances returned to (or collected from) customers. |
| Reference to Annual COS File(s):       | GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 4 & 4b; GMP FY 2021 June 1 Filing V1.xlsx, COS tab Adjustment 4 & 4b                                                                                                                           |
| Source Detail Document(s):             | CY_POWER 2020_2024 6 3 19 RC.xlsx for initial FY 2021 projection; 'CY_POWER 2021_2025 5 26 20 (w TX Adjustments).xlsx for updated projection                                                                                                                 |

Cost of Service Adjustments - \$ in ooos Schedule C4a: Platform Base O&M

|                                  | Annualized    |           |           |           |
|----------------------------------|---------------|-----------|-----------|-----------|
|                                  | Final FY 2019 | FY 2020   | FY 2021   | FY 2022   |
| Assumed Year-over-Year Inflation |               | 1.7%      | 2.2%      | 2.2%      |
| Other Power Supply               | \$3,309       | \$3,365   | \$3,439   | \$3,515   |
| Transmission - Other             | 5,840         | 5,939     | 6,070     | 6,203     |
| Distribution                     | 46,178        | 46,963    | 47,996    | 49,052    |
| Customer Accounting              | 10,611        | 10,791    | 11,029    | 11,271    |
| Customer Service and Information | 2,700         | 2,746     | 2,807     | 2,868     |
| Sales                            | 0             | 0         | 0         | 0         |
| Administrative and General       | 57,201        | 58,173    | 59,453    | 60,761    |
| Total Platform Base O&M          | \$125,839     | \$127,978 | \$130,793 | \$133,671 |

#### **Narrative Description**

This adjustment includes GMP's base operation and maintenance (O&M) costs, also referred to as Platform O&M. The recovery of these costs during the term of the Plan shall be consistent with Merger Savings mechanism established by the PUC in Docket 7770. Under this mechanism, 'Base O&M' costs for GMP are fixed based on set platform costs for the period of FY20 through FY22 adjusted by the Consumer Price Index for all Urban Consumers, Northeast Region ('CPI-U Northeast'). Thus, for the three years of this plan, the 'Base O&M' costs will be fixed, and continue to benefit customers as required in the Docket 7770 Order by providing at least the \$144M guaranteed, over the ten-year term of the Merger Savings platform that will end concurrently with this Plan. Under the PUC Order in Docket 7770, GMP and Customers will split actual Merger Savings 50/50 during FY20, and then 100% of Merger Savings will flow to Customers in FY21 and FY22. For additional background, please refer to Schedule C4-b - Platform O&M inflation and Schedule C20 - Fixed Merger Savings.

| Outer Years Fixed or to be Reforecast: | All years will be fixed                                                                                                                                                                            |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        |                                                                                                                                                                                                    |
| Expense subject to Adjustor:           | None                                                                                                                                                                                               |
|                                        |                                                                                                                                                                                                    |
| Reference to Annual COS File(s):       | GMP 2020 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 6; GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 6; GMP 2022 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 6; |
|                                        |                                                                                                                                                                                                    |
| Source Detail Document(s):             |                                                                                                                                                                                                    |

FY 2022

2.2

FY 2021

2.2

Consumer Price Index Consensus %

Green Mountain Power Multi-Year Regulation Plan

Cost of Service Adjustments - \$ in ooos Schedule C4b: Platform Base O&M Inflation Adjustment

FY 2020
Table A. Northeast region CPIU 12-month percent changes,
all items index, not seasonally
adjusted

| Month    | 2018 - 12<br>months<br>ended |
|----------|------------------------------|
| December | 1.7                          |

|                                                         | Change over previous year |     |  |
|---------------------------------------------------------|---------------------------|-----|--|
| Blue Chip Forecast Financial Forecasts December 1, 2018 | 2.1                       | 2.2 |  |
| Consensus Economics Inc. Survey Date April 18, 2019     | 2.3                       | 2.2 |  |

Average of both sources

# Narrative Description

FY 2020 Inflation is based on Change in CPI-NE for the 12 months ending December 31, 2018. Annual inflation estimates for FY 2021 and FY 2022 are the average of projected forecasts from Blue Chip Forecast and Consensus Economics.

| Outer Years Fixed or to be Reforecast: | All years will be fixed |
|----------------------------------------|-------------------------|
| Expense subject to Adjustor:           | None                    |
| Reference to Annual COS File(s):       |                         |
| Source Detail Document(s):             |                         |

Cost of Service Adjustments - \$ in ooos Schedule C5: Non Base O&M Costs - AMI

|               |                                                                               |                            |         | Rate Year |         |
|---------------|-------------------------------------------------------------------------------|----------------------------|---------|-----------|---------|
|               |                                                                               |                            | 2020    | 2021      | 2022    |
|               | 9 month to 12-month factor. (Full year fo                                     | 1.33                       | 1.33    | 1.33      |         |
|               | Expected Inflation Rates (for non-payroll expenses and saving                 |                            | 1.70%   | 2.20%     | 2.20%   |
|               | Expected Payroll increases, per Union Contra                                  | ct (for payroll) >>>       | 3.00%   | 2.90%     | 2.90%   |
| Expense Class | Vendor/Description                                                            | Rate Period 2019           |         |           |         |
|               |                                                                               | Amount                     | 2020    | 2021      | 2022    |
| 130           | Expendable Equipment                                                          | -                          | =       | -         | -       |
| 260           | Outside Services - Consulting                                                 | -                          | -       | -         | -       |
| 410           | Telephone                                                                     | 157                        | 213     | 218       | 222     |
| 410           | Vtel Prepaid Amortization (\$22.162 k/month starting April 2016 for 10 years) | 199                        | 266     | 266       | 266     |
| 411           | Dataraker Hosting -                                                           | 204                        | 277     | 283       | 289     |
| 546           | Hardware Maintenance                                                          | -                          | -       | -         | -       |
| 547           | Software Maintenance (Elster, Telvent, Oracle, etc.)                          | 303                        | 411     | 420       | 429     |
|               | Total Rate Year Incremental Non-payroll O&M Expense                           |                            |         |           |         |
|               |                                                                               | \$864                      | \$1,167 | \$1,186   | \$1,207 |
|               | Payroll, fully loaded                                                         | 425                        | 579     | 596       | 614     |
|               |                                                                               | \$1,289                    | \$1,746 | \$1,783   | \$1,820 |
|               |                                                                               | Rate Period 2019<br>Amount |         |           |         |
|               | AMI Savings                                                                   | \$1,217                    | \$1,650 | \$1,687   | \$1,724 |
|               | Net SmartPower Amount in Cost of Service:                                     |                            | 96      | 96        | 97      |

# Narrative Description

The 2020 non-payroll expenses and AMI savings were calculated by inflating the annualized 2019 rate period amounts. The 2021 amounts for these items were calculated by inflating the 2020 amounts by the noted inflation factors. The 2020 payroll expense was calculated by applying the percentage increase per the union contract to the annualized 2019 rate period amount. The 2021 amount was calculated by applying the union contract increase to the 2020 amount and the 2022 amount was calculated by applying the union contract increase to

| Outer Years Fixed or to be Reforecast: | All years will be fixed                                                                                                                                                                            |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expense subject to<br>Adjustor:        | None                                                                                                                                                                                               |
| Reference to Annual COS File(s):       | GMP 2020 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 7; GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 7; GMP 2022 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 7; |
| Source Detail                          | COS Adj 07 SmartPower.xlsx                                                                                                                                                                         |

**Fixed** 

Cost of Service Adjustments - \$ in ooos Schedule C6: Non Base O&M Costs - KCW

|                                                  |                        |       | Rate Year |       |
|--------------------------------------------------|------------------------|-------|-----------|-------|
|                                                  |                        | 2020  | 2021      | 2022  |
| 9 month to 12-month factor. (Full yea            | ar for 2020 - 2022) >> | 1.33  | 1.33      | 1.33  |
| Expected Inflation Rates (for sav                | vings calculation). >> | 1.70% | 2.20%     | 2.20% |
| Expected Payroll increases, p                    | er Union Contract >>   | 3.00% | 2.90%     | 2.90% |
| Vendor/Description                               | Rate Period 2019       |       |           |       |
|                                                  | Amount                 | 2020  | 2021      | 2022  |
| Meals + Lodging-Prof Mtg                         | 0                      | O     | 0         | 0     |
| Expendable Equipment                             | 1                      | 1     | 1         | 1     |
| Vehicle Overhead                                 | 2                      | 2     | 2         | 2     |
| Building Services                                | 0                      | -     | -         | -     |
| Outside Sources -Regular                         | 2                      | 2     | 2         | 2     |
| KCW Expenses                                     | 540                    | 732   | 748       | 765   |
| Total Rate Year Incremental Non-payroll O&M Expe |                        | \$738 | \$754     | \$771 |
|                                                  |                        | _     |           |       |
| Payroll, fully loaded                            | \$60,812               | \$84  | \$86      | \$88  |
|                                                  |                        | \$821 | \$840     | \$859 |

# **Narrative Description**

The 2020 non-payroll expenses were calculated by inflating the annualized 2019 rate period amounts. The 2021 amounts for these items were calculated by inflating the 2020 amounts and the 2022 amounts were calculated by inflating the 2021 amounts by the noted inflation factor. The 2020 payroll expense was calculated by applying the percentage increase per the union contract to the annualized 2019 rate period amount. The 2021 amount was calculated by applying the union contract increase to the 2020 amount and the 2022 amount was calculated by applying the union contract increase to the 2021 amount.

| Outer Years Fixed or to be Reforecast: | All years will be fixed                                                                                                                                       |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        |                                                                                                                                                               |
| Expense subject to Adjustor:           | None                                                                                                                                                          |
|                                        |                                                                                                                                                               |
| Reference to Annual COS File(s):       | GMP 2020 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 9; GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 9; GMP 2022 COS PUC Compliance |
|                                        | Filing.xlsx, COS tab - Adjustment 9;                                                                                                                          |
|                                        |                                                                                                                                                               |
| Source Detail Document(s):             | COS Adj 8 Multi-Year Generation_Non PSA KCW.xlsx                                                                                                              |

Cost of Service Adjustments - \$ in ooos Schedule C7: Acct 929 Electric Company Use

|                                                |                  | Rate Year |        |        |  |
|------------------------------------------------|------------------|-----------|--------|--------|--|
|                                                |                  | 2020      | 2021   | 2022   |  |
| 9 month to 12-month factor. (Full year for     | 2020 - 2022) >>> | 1.33      | 1.33   | 1.33   |  |
| Expected Inflation Rates (for savings          | 1.70%            | 2.20%     | 2.20%  |        |  |
| ı                                              | Rate Period 2019 |           |        |        |  |
|                                                | Amount           | 2020      | 2021   | 2022   |  |
| COS Adjustment No 21 Acct 929 Elec Company Use | -\$203           | -\$275    | -\$281 | -\$287 |  |

# Narrative Description

The 2020 Electric Company Use was calculated by inflating the annualized 2019 rate period amount by the noted inflation factor. The 2021 amount was calculated by inflating the 2020 amount and the 2022 amount was calculated by inflating the 2021 amount by the noted inflation factor

| Outer Years Fixed or to be Reforecast: | All years will be fixed                                                                                                                                                                                     |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        |                                                                                                                                                                                                             |
| Expense subject to Adjustor:           | None                                                                                                                                                                                                        |
|                                        |                                                                                                                                                                                                             |
| Reference to Annual COS File(s):       | GMP 2020 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 21;<br>GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 21;<br>GMP 2022 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 21; |
|                                        |                                                                                                                                                                                                             |
| Source Detail Document(s):             |                                                                                                                                                                                                             |

Cost of Service Adjustments - \$ in ooos Schedule C8: Plant Depreciation

| Schedole Co. Tranc Depre | ciacion |         |         |         |         |         |         |         |                 |         |         |         | Total     |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|-----------------|---------|---------|---------|-----------|
|                          | Oct     | Nov     | Dec     | Jan     | Feb     | Mar     | Apr     | May     | Jun             | Jul     | Aug     | Sep     | Annual \$ |
| Fiscal Year 2020         | \$4,747 | \$4,759 | \$4,769 | \$4,778 | \$4,778 | \$4,810 | \$4,842 | \$4,842 | <b>\$4,</b> 878 | \$4,913 | \$4,913 | \$4,934 | \$ 57,965 |
| Fiscal Year 2021         | \$5,425 | \$5,425 | \$5,470 | \$5,514 | \$5,514 | \$5,558 | \$5,602 | \$5,602 | \$5,646         | \$5,690 | \$5,690 | \$5,706 | \$ 66,842 |
| Fiscal Year 2022         | \$5,720 | \$5,720 | \$5,763 | \$5,807 | \$5,807 | \$5,849 | \$5,892 | \$5,892 | \$5,925         | \$5,958 | \$5,958 | \$5,959 | \$ 70,248 |

#### **Narrative Description**

MYRP depreciation expense is based on the projected plant in service balances at the beginning of the MYRP (October 1, 2019), the expected annual plant additions and retirements during the MYRP based on GMP's commitment to lock capital additions to plant at no more than \$256.5 million over the course of the Plan (approximately \$85 million/year) and changes in depreciation accrual rates resulting from the Depreciation Study which will go into effect October 1, 2020.

| Outer Years Fixed or to be<br>Reforecast: | All years will be fixed except for any additional investments authorized by the Commission under the Plan, including for strategic opportunities, new initiatives, or Climate Resiliency work approved by the PUC during the term of the MYRP. |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expense subject to Adjustor:              | None                                                                                                                                                                                                                                           |
| Reference to Annual COS File(s):          | GMP 2020 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 11; GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 11; GMP 2022 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 11;                                          |
| Source Detail Document(s):                | MYP 2018 test year 2019 interim and 2020 rate recast 3 31 2019 5 9 2019.xlsx 2021 and 2022 MYP 5 9 2019.xlsx                                                                                                                                   |

Fixed

Cost of Service Adjustments - \$ in ooos Schedule C9: Regulatory Amortization

|                                                    | FY 2020 | FY 2021 | FY 2022 |
|----------------------------------------------------|---------|---------|---------|
| CEED Amortization                                  | \$2,132 | \$2,132 | \$2,132 |
| 18225~Gorge Repowerment                            | -       | -       | -       |
| 18226~ST ALBANS DIGESTER DEV COSTS                 | 602     | 602     | 602     |
| 18227~PSA Under-Collection                         | 119     | 119     | 119     |
| 18230~Regulatory Asset-Asset Retirement Obligation | 31      | 31      | 31      |
| 18236~Reg Asset - Depreciation Study               | 20      | 20      | 20      |
| 18601~PINE STREET past unrecovered CHARGES         | 790     | 800     | 810     |
| 18613~Def Asset-Efficiency Fund Payments           | 498     | 332     | 152     |
| 18619~DEFERRED DAM EXPENSES                        | 115     | 115     | 115     |
| 18620~DEFERRED DAM DEPR EXP                        | 135     | 135     | 135     |
| 18xxx~Veg Mgmt Deferral                            | 400     | 400     | 400     |
| 25407 REG Liab Transco Utopus Gain Deferral        | (85)    | (85)    | (85)    |
| 25360 JV Solar-Battery Developer Fee Amortization  | (655)   | (655)   | (655)   |
|                                                    | \$4,102 | \$3,945 | \$3,775 |

## **Narrative Description**

Reflects the amortization of various regulatory assets, deferred debits and regulatory credits. These include the 18226 St Albans Digester Development Costs, 18227 PSA Under-Collection, 18619 Deferred Dam Expenses (Enel), 18620 Deferred Dam Depreciation Expense (Enel) and 18xxx Veg Mgmt. Deferral, which are new regulatory asset/deferred debit amortizations. The 25407 Regulatory Liability Transco Utopus Gain Deferral and the 25360 JV Solar-Battery Developer Fee Amortization represent a higher Utopus gain and Jv Solar-Battery developer fee than was contemplated when the 2019 base rates were established.

| Outer Years Fixed or to be Reforecast: | All years will be fixed. New regulatory assets/liabilities created during the term of the MYRP that are not associated with a specific MYRP adjustor (i.e. Power Supply Adjustor) will be addressed as part of the traditional cost of service rate case for fiscal year 2023. |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expense subject to Adjustor:           | None                                                                                                                                                                                                                                                                           |
| Reference to Annual COS File(s):       | GMP 2020 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 13, 20 & 23; GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 13, 20 & 23; GMP 2022 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 13, 20 & 23;                                               |
| Source Detail Document(s):             | C20 Reg Assets - Liabilities 2020 - 2022 Jun Filing.xlsx                                                                                                                                                                                                                       |
|                                        | ES update RB5 CEED Amortization schedule for RY19.xlsx 5-13-19 USB JV Microgrid - Inv &Reg Asset FY19-23.xlsx                                                                                                                                                                  |

Cost of Service Adjustments - \$ in ooos Schedule C10: Municipal Taxes

| . Monicipal raxes                                           | Test Year | FY 2020  | FY 2021  | FY 2022  |
|-------------------------------------------------------------|-----------|----------|----------|----------|
| Taxes Other than Income - Operating 408 Municipal Property: |           |          |          |          |
| Other - Vermont *                                           | \$25,185  | \$27,060 | \$27,926 | \$28,820 |
| KCW                                                         | 1,154     | 1,237    | 1,276    | 1,317    |
| McNeil **                                                   | 414       | 441      | 455      | 470      |
| CCI Addition **                                             | 0         | 1,584    | 1,635    | 1,687    |
| Total Vermont                                               | 26,753    | 30,322   | 31,293   | 32,294   |
| Maine - Wyman **                                            | 27        | 31       | 32       | 33       |
| Mass MMWEC **                                               | 101       | 97       | 100      | 103      |
| Conn Millstone **                                           | 253       | 261      | 270      | 278      |
| Total Property Taxes                                        | \$27,135  | \$30,711 | \$31,694 | \$32,708 |

## **Narrative Description**

FY 2020 property tax expense was calculated by escalating the per book FY 2018 property tax expense by 3.2% per PUC Order dated 8-29-2019 and adding the estimated increase in property taxes related to the Consolidated Communications Inc. pole acquisition. The FY 2021 property tax expense was calculated by escalating the FY 2020 property tax expense by 3.2%. The FY 2022 property tax expense was calculated by escalating the FY 2021 property tax expense by 3.2%.

| Outer Years Fixed or to be Reforecast: | All years will be fixed except for any additional investments authorized by the Commission under the Plan, including for strategic opportunities, new initiatives, or Climate Resiliency work approved by the PUC during the term of the MYRP. |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expense subject to Adjustor:           | None                                                                                                                                                                                                                                           |
| Reference to Annual COS File(s):       | GMP 2020 COS PUC Compliance Filing.xlsx, Prop Tax tab; GMP 2021 COS PUC Compliance Filing.xlsx, Prop Tax tab; GMP 2022 COS PUC Compliance Filing.xlsx, Prop Tax tab;                                                                           |
| Source Detail Document(s):             | PUC Compliance Property Taxes FY 2020 - 2022.xlsx                                                                                                                                                                                              |

Cost of Service Adjustments - \$ in ooos Schedule C11 Other Taxes, excluding Revenue Taxes

| Payroll Taxes (Vermont Unemployment and Social Security Taxes) |
|----------------------------------------------------------------|
| Hazardous Waste Tax                                            |

| CY 2018 | FY 2020 | FY 2021 | FY 2022 |
|---------|---------|---------|---------|
| \$2,576 | \$2,517 | \$2,509 | \$2,509 |
| 16      | 16      | 16      | 16      |
| \$2,591 | \$2,532 | \$2,524 | \$2,524 |

## **Narrative Description**

FY 2020 payroll taxes was calculated by adjusting the calendar year 2018 payroll tax expense for 2018 to 2020 changes in the number of employees, State of Vermont unemployment contribution rate and State of Vermont unemployment taxable wage base. FY 2021 adjusted FY 2020 by the change in the State of Vermont unemployment contribution rate. There were no adjustments from FY 2021 to FY 2022.

| Outer Years Fixed or to be Reforecast: | All years will be fixed                                                                                                                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expense subject to Adjustor:           | None                                                                                                                                                                                                                    |
| Reference to Annual COS File(s):       | GMP 2020 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 10 & 10b; GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 10 & 10b; GMP 2022 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 10 & 10b; |
| Source Detail Document(s):             | 2020-2022 C5-1 SUTA.xlsx                                                                                                                                                                                                |
|                                        | C11 headcount updated.xlsx                                                                                                                                                                                              |

Cost of Service Adjustments - \$ in ooos Schedule C12: Accretion Expense

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| FY 2020 | FY 2021 | FY 2022 |
|---------|---------|---------|
| \$236   | \$248   | \$261   |
| 45      | 45      | 45      |
| \$281   | \$294   | \$306   |

## **Narrative Description**

Represents the changes in GMP's asset retirement accretion expense. The KCW ARO accretion expense for FY 2020, 2021 and 2022 are based on a schedule prepared by GMP as part of its annual financial audit. The GMP Legal ARO Accretion Expense for FY 2020, 2021, and 2023 is equal to the annualized 2019 rate period amount.

| Outer Years Fixed or to be Reforecast: | All years will be fixed                                                                                                                                                                               |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        |                                                                                                                                                                                                       |
| Expense subject to Adjustor:           | None                                                                                                                                                                                                  |
|                                        |                                                                                                                                                                                                       |
| Reference to Annual COS File(s):       | GMP 2020 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 18; GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 18; GMP 2022 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 18; |
|                                        |                                                                                                                                                                                                       |
| Source Detail Document(s):             | COS ADJ 21 Multi-Year Accretion Expense.xlsx                                                                                                                                                          |

Cost of Service Adjustments - \$ in ooos

Schedule C13: Capital Costs, includes Credit Facility Fees and return on REC Inventory

|         | KCW LOC      | ISO Collateral      | Un-used Fee          |             |
|---------|--------------|---------------------|----------------------|-------------|
|         | \$ 6,568,8   | 46 \$5M LOC         | Based on             | TOTAL       |
|         |              |                     | \$ 57,300,00         | 00          |
| Rate    | 0.85%        | 0.85%               | 0.10%                |             |
| FY 2020 | \$           | 557 \$43            | \$5                  | 58 \$158    |
| FY 2021 | \$           | \$57 \$43           | \$!                  | 58 \$158    |
| FY 2022 | \$           | \$57 \$43           | \$!                  | 58 \$158    |
|         | 13-month Ave | erage REC Inventory |                      |             |
|         | В            | Balance             | Credit Facility Rate |             |
| FY 2020 | \$           | \$5,912             | 3.25                 | 5% \$192    |
| FY 2021 | 9            | \$6,327             | 3.75                 | 5% \$237    |
| FY 2022 | \$           | \$6,577             | 4.2                  | 5% \$280    |
|         |              |                     |                      | Grand Total |
| FY 2020 |              |                     |                      | \$350       |
| FY 2021 |              |                     |                      | \$395       |
| FY 2022 |              |                     |                      | \$437       |

# Narrative Description

Represents rate year fees paid for letters of credit outstanding under the credit facility, fees paid on the unutilized portion of GMP's credit facility and return on the rate period 13-month REC inventory balance based on the projected rate period credit facility borrowing rate.

| Outer Years Fixed or to be Reforecast: | All years will be fixed                                                                                                                                                                                                          |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expense subject to Adjustor:           | None                                                                                                                                                                                                                             |
| Reference to Annual COS File(s):       | GMP 2020 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 8 and 19; GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 8 and 19; GMP 2022 COS PUC Compliance Filing 6-7-2019.xlsx, COS tab - Adjustment 8 and 19; |
| Source Detail Document(s):             | COS Adj 21 Carrying Cost Rec Inventory.xlsx                                                                                                                                                                                      |
|                                        | COS 18 Fees Related to Credit Facility.xlsx                                                                                                                                                                                      |

Green Mountain Power Multi-Year Regulation Plan Cost of Service Adjustments - \$ in ooos

|                                                                         | FY 2021 Base Rate<br>as of 9/12/19<br>Compliance Filing |             | Refreshed FY 2021<br>Base Rate Filing as<br>of June 1, 2021 |
|-------------------------------------------------------------------------|---------------------------------------------------------|-------------|-------------------------------------------------------------|
| Schedule C14: Taxes - Federal and State                                 | FY 2021                                                 | Adjustments | FY 2021                                                     |
| Total rate base investment                                              | \$1,629,809.00                                          |             | \$1,630,896.00                                              |
| Return % (Total Cost of capital                                         | 6.94%                                                   |             | 6.43%                                                       |
| Return on utility rate base<br>Add back:                                | 113,181                                                 |             | 104,873                                                     |
| Federal income tax                                                      | 12,148                                                  |             | 9,598                                                       |
| State income tax                                                        | 8,115                                                   |             | 7,104                                                       |
| Return before taxes                                                     | 133,444                                                 |             | 121,575                                                     |
| Less interest (Wtd. Cost of Debt X Rate Base)                           | 38,166                                                  |             | 38,191                                                      |
| Subtotal                                                                | 95,278                                                  |             | 83,384                                                      |
| Additions & deductions for income tax purposes:                         |                                                         |             |                                                             |
| Non-taxable portion (65%) of equity in earnings of VELCO                | (278)                                                   |             | (278)                                                       |
| Non-taxable portion (100%) of equity in earnings                        | (2/0)                                                   |             | (2/0)                                                       |
| of Vermont Yankee                                                       | (70)                                                    |             | (70)                                                        |
| Non-taxable portion (50%) of equity in earnings                         |                                                         |             |                                                             |
| of MY, CY, YA, NEHT and NEHTE                                           | -                                                       |             | -                                                           |
| Non-deductible AFUDC-equity  Non-depreciable ITC basis reduction        | 620<br>119                                              |             | 620<br>119                                                  |
| Non-deductible meals expense                                            | 113                                                     |             | 113                                                         |
| Domestic production activities deduction                                | 5                                                       |             | 5                                                           |
| Total additions & deductions                                            | 503                                                     |             | 503                                                         |
| Balance                                                                 | 95,781                                                  |             | 83,886                                                      |
| Less state income tax                                                   | 8,141                                                   |             | 7,130                                                       |
| Taxable income                                                          | 87,640                                                  |             | 76,756                                                      |
|                                                                         |                                                         |             |                                                             |
| Federal Income Tax Calculation: Federal income tax before credit at 21% | 10 . 0 .                                                |             | 16 110                                                      |
| Investment credit amortization                                          | 18,404<br>(3)                                           |             | 16,119<br>(3)                                               |
| Production Tax Credit                                                   | (4,301)                                                 |             | (4,566)                                                     |
| Return of Recurring Level - Excess Deferred Tax                         | (1,923)                                                 |             | (1,923)                                                     |
| CAFC Perm                                                               | (40)                                                    |             | (40)                                                        |
| FAS 109 ITC Basis Adjustment                                            | 7                                                       |             | 7                                                           |
| AFUDC Deferred Tax Adjustment                                           | 4_                                                      |             | 4_                                                          |
| Federal income tax                                                      | 12,148                                                  |             | 9,598                                                       |
| Total Federal Income Taxes                                              | 12,148                                                  |             | 9,598                                                       |
| State Income Tax Calculation:                                           |                                                         |             |                                                             |
| Taxable income at 8.5%                                                  | 8,141                                                   |             | 7,130                                                       |
| Vermont income tax rate change adjustment                               | -                                                       |             | -                                                           |
| Vermont Solar ITC                                                       | (32)                                                    |             | (32)                                                        |
| ITC Basis Adj<br>AFUDC Deferred Tax Adj                                 | 3 2                                                     |             | 3 2                                                         |
| Total State Income Taxes                                                | 8,114                                                   |             | 7,103                                                       |
| TOTAL STATE AND FEDERAL INCOME TAX                                      | \$20,262                                                | (\$3,561    |                                                             |
| TOTAL STATE AND FEDERAL INCOME TAX                                      | \$20,202                                                | (\$3,501    | ) \$10,/02                                                  |

## Narrative Description

Reflects federal and state income taxes, which were calculated based on statutory income tax rates adjusted for book and tax permanent differences and income tax credits. Refreshed FY 2021 reflects the impacts of the refreshed return on equity (Schedule E Capital Structure) on the Return % (Total Cost of Capital) and the impacts the refreshed FY21 KCW generation (C1 Purchased Power Net) and an increase in the production tax credit rate had on Production Tax Credit.

| Outer Years Fixed or to be Reforecast: | FY 2021 and 2022 will be reforecast annually to reflect the impact other items that are adjusted annually (return on equity, revenue, power, etc.) will have on this tax. |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expense subject to Adjustor:           | None                                                                                                                                                                      |
| Reference to Annual COS File(s):       | GMP 2021 COS PUC Compliance Filing.xlsx, Income Tax tab; GMP FY 2021 June 1 Filing V1.xlsx, Income Tax tab                                                                |
| Source Detail Document(s):             | Income Tax Provision 2021 PTC Refresh.xlsx                                                                                                                                |

\$104,873

Green Mountain Power Multi-Year Regulation Plan Cost of Service Adjustments - \$ in ooos

Schedule C15: Return on Utility Rate Base

FY 2021 Base Refreshed FY Rate as of 2021 Base Rate 9/12/19 Filing as of June Compliance 1, 2021 FY 2021 Adjustments FY 2021 \$1,629,809 \$1,630,896 6.94% 6.43% \$113,181 \$

(8,308)

Rate Period 13 month Average Rate Base Rate Period Weighted Average Cost of Capital Return on Utility Rate Base

#### **Narrative Description**

Reflects the return on utility rate base resulting from application of the after-tax weighted average cost of capital to the rate period 13-month average rate base. Refreshed FY 2021 reflects the impacts of the refreshed return on equity (Schedule E Capital Structure) had on the Rate Period Weighted Average Cost of Capital.

Outer Years Fixed or to be Reforecast:

Cost of debt is fixed for the term of the Plan based on a 3-year forecast, subject to any additional capital expenditures authorized by the Commission under the Plan, which may necessitate associated debt issuances. The cost of equity percentage is a formulaic annual adjustment based on 50% change in the 10yr Treasury bond yield. See individual rate base adjustments for a discussion on which rate base components are fixed for the term of the Plan and which items are reforecast. See Schedule E<sub>3</sub> Allowed  ${\sf ROE\ Calculation\ for\ additional\ information\ on\ how\ the\ allowed\ ROE\ is\ calculated\ and\ adjusted\ annually}.$ 

Expense subject to Adjustor:

None

Reference to Annual COS File(s):

GMP 2021 COS PUC Compliance Filing.xlsx, COS RB Summary; GMP FY 2021 June 1 Filing V1.xlsx, COS RB Summary

Source Detail Document(s):

Cost of Service Adjustments - \$ in ooos Schedule C16: Equity in Earnings of Affiliat

| Earnings of Affiliates  | CY 2018  | Rate P   | eriod Equity in Earnings |          |
|-------------------------|----------|----------|--------------------------|----------|
|                         |          | FY 2020  | FY 2021                  | FY 2022  |
| Vermont Yankee          | \$70     | \$70     | \$70                     | \$70     |
| Maine Yankee            | 2        | 2        | 2                        | 2        |
| Connecticut Yankee      | 2        | 2        | 2                        | 2        |
| Yankee Atomic           | (2)      | 0        | 0                        | 0        |
| Green Lantern           | 57       | 57       | 57                       | 57       |
| NE Hydro Trans          | 21       | 21       | 21                       | 21       |
| NE Hydro Trans Electric | 80       | 80       | 80                       | 80       |
| VELCO - Common          | 1,050    | 1,062    | 1,080                    | 1,080    |
| TRANSCO LLC             | 76,545   | 72,806   | 72,897                   | 72,934   |
| JV Solar                | (585)    | 291      | 310                      | 704      |
| JV Solar - Battery      | -        | 4,389    | 828                      | 525      |
|                         | \$77,238 | \$78,779 | \$75,346                 | \$75,475 |

# Narrative Description

Reflects the equity in earnings from investments in affiliated companies. The Transco and Velco equity in earnings were based on forecasts prepared by Transco/Velco. The JV Solar and JV-Solar-Battery equity in earnings were based on models developed by CohnReznick. All other equity in earnings for all the other affiliates are equal to their calendar year 2018 amounts.

| Outer Years Fixed or to be Reforecast: | Fixed for equity in earnings of affiliates that existed at the start of the Plan. Will be updated for the impacts of investments in new affiliates that did not exist at the start of the Plan, if specifically requested and approved by the PUC. |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        |                                                                                                                                                                                                                                                    |
| Expense subject to Adjustor:           | None                                                                                                                                                                                                                                               |
|                                        |                                                                                                                                                                                                                                                    |
| Reference to Annual COS File(s):       | GMP 2020 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 14; GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 14; GMP 2022 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 14;                                              |
|                                        |                                                                                                                                                                                                                                                    |
| Source Detail Document(s):             | RB7 Transco Rollforward 12-1-17 to 9-30-22 Proforma.xlsx                                                                                                                                                                                           |
|                                        | 5-13-19 USB JV Microgrid - Inv &Reg Asset FY19-23.xlsx                                                                                                                                                                                             |
|                                        | JV Solar Investment Balance and Regulatory Asset December 2017 to September 2022.xlsx                                                                                                                                                              |

## Cost of Service Adjustments - \$ in ooos Schedule C17: Other Operating Revenues

| Account                    | Description                                                                                     | CY 2018  | FY 2020  | FY 2021  | FY 2022  |
|----------------------------|-------------------------------------------------------------------------------------------------|----------|----------|----------|----------|
| 4500                       | Forfeited Discounts (disconnect, late payment, returned                                         |          |          |          |          |
| 4500                       | check)                                                                                          | \$949    | \$949    | \$949    | \$949    |
|                            | CCB Commercial connections charges, application fees, initial service fee charges, net of costs | 918      | 918      | 918      | 918      |
|                            | Mutual aid                                                                                      | 1,182    | 830      | 830      | 830      |
|                            | Miscellaneous billing, net                                                                      | 227      | 227      | 227      | 227      |
| 4510                       | Miscellaneous Service Revenue, net of expense                                                   | \$2,326  | \$1,974  | \$1,974  | \$1,974  |
| 4540                       | Pole Attachments                                                                                | 4,106    | 5,751    | 6,214    | 6,218    |
|                            | EIC Program rentals                                                                             | 1,714    | 1,458    | 1,573    | 1,692    |
|                            | Rent from Other Property (SO2 allow, land rent)                                                 | 348      | 370      | 376      | 347      |
| Total 4540                 | Rents from Electric Property                                                                    | \$6,169  | \$7,579  | \$8,163  | \$8,257  |
| 4560                       | CIAC Income                                                                                     | 1,065    | 1,065    | 1,065    | 1,065    |
|                            | Other - EIC Other Revenue                                                                       | (73)     | 36       | 36       | 36       |
| Total 4560                 | Other Electric Revenues                                                                         | \$992    | \$1,101  | \$1,101  | \$1,101  |
| 4561                       | Transmission FERC Tariff Sched 21-GMP Network                                                   |          |          |          |          |
|                            | Service                                                                                         | 3,235    | 3,277    | 3,293    | 3,309    |
|                            | Firm Point to Point Sales / Phase I & II Sales                                                  | 1,502    | 281      | 317      | 320      |
|                            | Transmission Resales (HQ, Brookfield)                                                           | 4,490    | 5,375    | 4,755    | 4,481    |
|                            | Other-Brokering-offsets resales                                                                 | 57       | 63       | 5        | -        |
|                            | Highgate RNS Revenues (HTF credits)                                                             | 66       |          |          |          |
|                            | Metallic Neutral Return                                                                         | 79       | 79       | 79       | 79       |
| Total 4561                 | Transmission Revenues                                                                           | \$9,428  | \$9,074  | \$8,448  | \$8,189  |
| Total Other Operating Reve | enues                                                                                           | \$19,864 | \$20,677 | \$20,635 | \$20,470 |

## **Narrative Description**

Represents other operating revenue generated from utility activities, including miscellaneous service revenue, pole attachments, revenue generated from new initiatives and pilot programs, and miscellaneous transmission revenue. The additional pole attachment revenue that will result from the Consolidated Communications Inc. pole acquisition has been reflected in the pole attachment revenue forecast.

| Outer Years Fixed or to be Reforecast: | All years are fixed                                                                                                                                                                                   |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expense subject to Adjustor:           | None                                                                                                                                                                                                  |
| Reference to Annual COS File(s):       | GMP 2020 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 17; GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 17; GMP 2022 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 17; |
| Source Detail Document(s):             | COS Adj 16 Other Op Rev FY 2020 - 5-9-19.xlsx                                                                                                                                                         |

Cost of Service Adjustments - \$ in ooos Schedule C18: Business Development, Net

|                                                                  |                    | Rate           | e Period           |         |
|------------------------------------------------------------------|--------------------|----------------|--------------------|---------|
|                                                                  | 2019<br>(9 Months) | FY 2020        | FY 2021            | FY 2022 |
| Inflation Factor<br>Nine Month to Twelve Month Conversion Factor | 1.333              | 1.70%          | 2.20%              | 2.20%   |
| Business Development Revenue                                     | \$821              | \$1,113        | \$1,138            | \$1,163 |
| Business Development Expense Business Development, Net           | (570)<br><br>\$251 | (773)<br>\$340 | (790)<br><br>\$348 | \$355   |

# Narrative Description

Represents the revenue collected net of expenses incurred from performing work on non-GMP property. The 2020 revenue and expense amounts were calculated by inflating the annualized 2019 rate period amounts by the noted inflation factor. The 2021 amounts for these items were calculated by inflating the 2020 amounts and the 2022 amounts were calculated by inflating the 2021 amounts using the noted inflation factors.

| Outer Years Fixed or to be Reforecast: | All years are fixed                                                                                                                                                                                   |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        |                                                                                                                                                                                                       |
| Expense subject to Adjustor:           | None                                                                                                                                                                                                  |
|                                        |                                                                                                                                                                                                       |
| Reference to Annual COS File(s):       | GMP 2020 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 16; GMP 2021 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 16; GMP 2022 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 16; |
|                                        |                                                                                                                                                                                                       |
| Source Detail Document(s):             |                                                                                                                                                                                                       |

| Cost of Service Adjustments - \$ in ooos<br>Schedule C19: Gross Revenue & Fuel Gross Receipts Taxes | FY 2021 Base Rate<br>as of 9/12/19<br>Compliance Filing |            | Refreshed FY 2021 Base<br>Rate Filing as of June 1,<br>2021 |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------|-------------------------------------------------------------|
| GROSS REVENUE TAX RATE t=                                                                           | <b>FY 2021</b> 1.025%                                   | Adjustment | FY 2021<br>1.025%                                           |
| GENERAL FORMULA: GRT=                                                                               | (t*(COS-GRT))/(1-t)                                     |            | (t*(COS-GRT))/(1-t)                                         |
| COST OF SERVICE TO ULT CUST (COS)                                                                   | \$676,402                                               |            | \$652,039                                                   |
| LESS GROSS REVENUE TAX (GRT)                                                                        | 6,933                                                   |            | 6,684                                                       |
|                                                                                                     | 669,469                                                 |            | 645,355                                                     |
| TIMES GROSS REV TAX RATE (t)                                                                        | 6,862                                                   |            | 6,615                                                       |
| DIVIDED BY 1 MINUS TAX RATE (1-t)                                                                   | 98.98%                                                  |            | 98.98%                                                      |
| GROSS REVENUE TAX TOTAL (GRT)                                                                       | \$6,933                                                 | (\$250)    | \$6,683                                                     |
| CHECK                                                                                               | 0                                                       | (\$1)      | (0.605323548363231)                                         |
| Cost of Service to Ultimate Consumers                                                               |                                                         |            |                                                             |
| before Revenue Tax                                                                                  | \$707,926                                               |            | \$683,812                                                   |
| Less Merger Savings                                                                                 | (38,457)<br>\$669,469                                   |            | (38,457)<br>\$645,355                                       |

#### Narrative Description

Reflects applying the new gross revenue 0.525% tax rate and gross receipt 0.50% tax rate to the projected rate year retail revenue. Refreshed FY 21 reflects the impacts the MYRP approved adjustments had on the Refreshed FY 21 revenue requirement.

Outer Years Fixed or to be Reforecast:

Expense subject to Adjustor:

Reference to Annual COS File(s):

Source Detail Document(s):

FY 2021 and 2022 will be reforecast annually to reflect the impact other items that are adjusted annually (return on equity, revenue, power, etc.) will have on this tax.

None

GMP 2021 COS PUC Compliance Filing.xlsx, GR Tax; GMP FY 2021 June 1 Filing V1.xlsx, GR Tax

Fixed

Cost of Service Adjustments - \$ in ooos Schedule C20: Fixed Merger Savings

Source Detail Document:

|                                                               |                    | Rate Pe    | riod       |            |
|---------------------------------------------------------------|--------------------|------------|------------|------------|
| •                                                             | 2019<br>(9 Months) | FY 2020    | FY 2021    | FY 2022    |
| Inflation Factor Nine Month to Twelve Month Conversion Factor | 1 222              | 1.70%      | 2.20%      | 2.20%      |
| Percentage of Merger Savings to Customers                     | 1.333              | 50%        | 100%       | 100%       |
| Fixed Merger Savings                                          | (\$13,875)         | (\$18,815) | (\$38,457) | (\$39,303) |

# **Narrative Description**

The Docket 7770 Order requires GMP to share merger benefits 50/50 in FY 2020 and 100% in FY 2021 and 2022. The FY 2020 merger savings was calculated by inflating the annualized 2019 rate period amount. The 2021 amount was calculated by inflating the 2020 amount and the 2022 amount were calculated by inflating the 2021 amount.

| Outer Years Fixed or to be Reforecast: | All years are fixed.                                                       |
|----------------------------------------|----------------------------------------------------------------------------|
|                                        |                                                                            |
| Expense subject to Adjustor:           | Actual merger savings amounts will be trued-up annually through the Merger |
| . , ,                                  | Savings Adjustor                                                           |
|                                        | GMP 2020 COS PUC Compliance Filing.xlsx, COS tab - Adjustment 26; GMP 2021 |
| Link to Working File(s):               | COS PUC Compliance Filing.xlsx, COS tab - Adjustment 26; GMP 2022 COS PUC  |
| •                                      | Compliance Filing.xlsx, COS tab - Adjustment 26;                           |
|                                        |                                                                            |

Cost of Service Adjustments - \$ in ooos

Schedule C21: Revenue from Ultimate Consumers after Smoothing

|                                                                 |                             | Refreshed FY 2021 Ba         | ase Rate Filing as of | June 1, 2021          |
|-----------------------------------------------------------------|-----------------------------|------------------------------|-----------------------|-----------------------|
| Revenue Adjustment Percent to Customers                         |                             | -0.06%                       | **                    |                       |
|                                                                 | REVENUE AT<br>CURRENT RATES | REVENUE AT<br>PROPOSED RATES | DIFFERENCE            | PERCENT<br>INCREASE** |
| Residential                                                     | \$284,267                   | \$284,108                    | -\$159                | -0.06%                |
| Small Commercial & Industrial                                   | 243,252                     | \$243,115                    | (136)                 | -0.06%                |
| Large Commercial & Industrial<br>Other Large                    | 86,841                      | \$86,792                     | (49)                  | -0.06%                |
| Street Lighting and Other                                       | 2,623                       | \$2,622                      | (1)                   | -0.06%                |
| Revenue from Ultimate Consumers excluding<br>Transmission Class | 616,983                     | 616,637                      | (346)                 | -0.06%                |
| Transmission Class                                              | 35,401                      | 35,401                       |                       | 0.00%                 |
| Revenue From Ultimate Consumers                                 | \$652,384                   | \$652,038                    |                       |                       |

<sup>\*\*</sup>Note: Base Rate Revenue Adjustment Percentage for Refreshed FY 2021 based on forecasted changes in annual power supply, revenue other items as allowed in the MYRP. GMP has petitioned to leave Base Rates for FY21 unchanged, at 0.00%, and to apply any revenue surplus to outstanding owed adjustors.

|                                                                 |                             | FY 2021 Base Rate a                   | as of 9/12/19 Compli | ance Filing         |
|-----------------------------------------------------------------|-----------------------------|---------------------------------------|----------------------|---------------------|
| Revenue Adjustment Percent to Customers                         | REVENUE AT<br>CURRENT RATES | 2.72%<br>REVENUE AT<br>PROPOSED RATES | DIFFERENCE           | PERCENT<br>INCREASE |
| Residential                                                     | \$282,427                   | \$290,121                             | \$7,694              | 2.72%               |
| Small Commercial & Industrial                                   | 248,638                     | \$255,412                             | 6,773                | 2.72%               |
| Large Commercial & Industrial Other Large                       | 90,344                      | \$92,805                              | 2,461                | 2.72%               |
| Street Lighting and Other                                       | 2,760                       | \$2,835                               | 75_                  | 2.72%               |
| Revenue from Ultimate Consumers excluding<br>Transmission Class | 624,170                     | 641,173                               | 17,003               | 2.72%               |
| Transmission Class                                              | 37,733                      | 37,733                                | -                    | 0.00%               |
| Revenue From Ultimate Consumers                                 | \$661,903                   | \$678,906                             |                      |                     |

## Narrative Description

A third party vendor (Itron) prepared the weather-normalized retail revenue forecasts. The forecasts incorporate such factors as historical projections about economic growth and efficiency improvements, company tariffs, impacts on retail revenue due to greater solar net metering and any other known changes. The 2021 Refresh incorporates updated Itron Forecast. Forecast incorporates actual retail revenue performance through February 29, 2020.

| Outer Years Fixed or to be Reforecast: |
|----------------------------------------|
|                                        |
| Expense subject to Adjustor:           |
|                                        |
| Reference to Annual COS File(s):       |
|                                        |
| Source Detail Document(s):             |