BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION, )  DOCKETS UE-220066, UG-220067, and
Complainant, )  UG-210918 (Consolidated)

v. )

PUGET SOUND ENERGY, )
Respondent. )

In the Matter of the Petition of )

PUGET SOUND ENERGY )

For an Order Authorizing Deferred Accounting )
Treatment for Puget Sound Energy’s Share of )
Costs Associated with the Tacoma LNG )
Facility. )

EXHIBIT NO. BGM-8
NORTHWEST PIPELINE 2017 SETTLEMENT EXCERPT
Pursuant to Rule 207(a)(5) of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission (“Commission” or “FERC”), 18 C.F.R. § 385.207(a)(5) (2016), Northwest Pipeline LLC (“Northwest”) submits this Stipulation and Settlement Agreement (“Settlement”) to modify the transportation rates set forth in Northwest’s FERC Gas Tariff, Fifth Revised Volume No. 1 (“Tariff”), pursuant to the terms below. Northwest and the other Settling Parties (as defined in Article II) stipulate and agree to the following:

BACKGROUND

On March 15, 2012, Northwest filed a Petition for Approval of Settlement in Docket No. RP12-490-000 (“2012 Settlement”). The 2012 Settlement satisfied the requirement to file a general rate case under Section 4 of the Natural Gas Act (“NGA”) by July 1, 2012, as required by Northwest’s previous general rate case settlement in Docket No. RP06-416. On April 26, 2012, the Commission approved the 2012 Settlement.²

Section 14.4 of the 2012 Settlement requires Northwest to file an NGA Section 4 general rate case not later than July 1, 2017, for rates to become effective not later than January 1, 2018, unless Northwest has entered into a pre-filing settlement effectively satisfying the NGA Section 4 general rate case filing requirement (“2017 Rate Filing”).³ In anticipation of the 2017 Rate Filing, Northwest invited all of its shippers to engage in discussions to determine if a pre-filing settlement might be reached. Numerous and extensive meetings and discussions among Northwest and its shippers have been held from September 2016 through December 2016. During the course of these meetings and discussions, the

² Northwest Pipeline GP, 139 F.E.R.C. ¶ 61,071 (2012).
³ Because July 1, 2017 is a Saturday, the effective filing deadline for the 2017 Rate Filing is June 30, 2017.
parties exchanged documentation, including several offers and counteroffers. This Settlement is the product of the documents exchanged and these extensive meetings and discussions.

Through this Settlement, the Settling Parties\(^4\) have successfully resolved their issues in a practical and carefully constructed fashion, eliminating the need for testimony, discovery, hearing and briefing of the matters resolved. The avoidance of litigation is a valuable outcome, benefiting the Settling Parties, the Commission and the public interest.

Northwest does not expect this Settlement to be contested because 100 percent of the shippers who actively participated in the settlement discussions support this Settlement. Of Northwest’s long-term firm transportation and storage capacity, 92 percent support, and 8 percent do not oppose this Settlement.

The Settling Parties agree that if this Settlement is timely approved by the Commission, then Northwest will have satisfied the 2017 Rate Filing requirement as to the Settling Parties. Accordingly, the Settling Parties have requested that the Commission approve this Settlement on or before March 1, 2017, to avoid the burden of Northwest having to prepare and file the 2017 Rate Filing and for the other Settling Parties having to respond to such filing.

**ARTICLE I**

**INDIVISIBILITY OF SETTLEMENT TERMS**

The Settling Parties have engaged in extensive settlement negotiations in an effort to resolve among themselves issues that may have been raised in the 2017 Rate Filing and this Settlement provides for a reasonable negotiated resolution of those issues. This Settlement is a carefully crafted compromise among many parties with diverse and often conflicting interests. This Settlement is an integrated package and the Settling Parties request that it be approved in its entirety, without modification or condition.

\(^4\) “Settling Parties” is defined in Article II of the Settlement.
ARTICLE II
SCOPE OF SETTLEMENT

This Settlement shall apply to all Settling Parties. A “Settling Party” is (a) any party identified in Appendix A or (b) any party or shipper not identified in Appendix A that either supports, or does not oppose this Settlement as a whole and/or any of its underlying provisions. This Settlement represents a negotiated resolution of only the issues expressly set forth in this Settlement.

ARTICLE III
ANNUAL COST-OF-SERVICE

The rates established by this Settlement (“Settlement Rates”) are determined on the basis of an annual cost-of-service of $440 million, and consist of two phases of rates. Phase 1 Rates, as set forth in Appendix B, will be effective from January 1, 2018, through September 30, 2018, and Phase 2 Rates, as set forth on Appendix C, will be effective from October 1, 2018, through the remaining Settlement Term (as defined in Section 11.7).

ARTICLE IV
RATE DESIGN

The Settlement Rates incorporate the following specific principles with respect to rate design:

Section 4.1

General Transmission System: The rates for all transportation Rate Schedules are based on a straight fixed variable (“SFV”) rate design.

Section 4.2

Storage: The rates for the Plymouth LNG and Jackson Prairie Rate Schedules reflect an agreement between the Settling Parties to keep the rates the same as those established in the 2012 Settlement.

Section 4.3

Evergreen 15-Year Contract Roll-In: The rates for Rate Schedule TF-1 (Large Customer), TF-1 (25-Year Evergreen), Rate Schedule TF-2 and the Rate Schedule TI-1 to be effective January 1, 2018, through September 30, 2018, as shown on Appendix B, reflect the allocation of costs to the TF-1 (15-
Year Evergreen) contracts. The rates for Rate Schedule TF-1 (Large Customer), TF-1 (25-Year Evergreen), Rate Schedule TF-2, and the Rate Schedule TI-1 to be effective October 1, 2018, through the remainder of the Settlement Term, as shown on Appendix C, reflect the roll-in of the TF-1 (15-Year Evergreen) contracts that will expire on September 30, 2018.

ARTICLE V
DEPRECIATION, AMORTIZATION
AND NET NEGATIVE SALVAGE RATES

Section 5.1
The depreciation, amortization and net negative salvage rates used in deriving the Settlement Rates are shown in Appendix D. Effective January 1, 2018, and continuing through the Settlement Term, Northwest will utilize the depreciation, amortization and net negative salvage rates in Appendix D for recording depreciation, amortization and net negative salvage expenses.

Section 5.2
Northwest will continue to use separate sub-accounts to record net negative salvage.

Section 5.3
Nothing in this Settlement shall preclude Northwest from continuing to utilize accelerated depreciation for tax purposes nor from continuing to follow Generally Accepted Accounting Principles and the Internal Revenue Code of 1954, as amended, and regulations promulgated thereunder (collectively, the “Code”), which utilize tax normalization.

ARTICLE VI
U.S. FEDERAL CORPORATE INCOME TAX RATE

Section 6.1
If the current U.S. federal income tax rate of 35 percent applicable to corporations should be reduced for any taxable period(s) between January 1, 2018, and the end of the Settlement Term (“Reduced Tax Rate”), then Northwest shall record in a regulatory liability account, to be ultimately returned to the Settling Parties other than Northwest: (a) the dollar amount shown in Appendix E for the
Reduced Tax Rate\(^5\) multiplied by (b) the number of years and/or partial years (prorated monthly) during the Settlement Term that the Reduced Tax Rate is in effect. Northwest shall amortize the balance of the regulatory liability account over a period of 5 years beginning with the effective date of Northwest’s new rates in the first Post-Moratorium\(^6\) NGA Section 4 or 5 general rate case filing or pre-filing settlement.

Section 6.2

If the current U.S. federal income tax rate of 35 percent applicable to corporations should be increased for any taxable period(s) between January 1, 2018, and the end of the Settlement Term (“Increased Tax Rate”), then Northwest shall record in a regulatory asset account, to be ultimately recovered by Northwest: (a) the dollar amount shown in Appendix E for the Increased Tax Rate\(^7\) multiplied by (b) the number of years and/or partial years (prorated monthly) during the Settlement Term that the Increased Tax Rate is in effect. Northwest shall amortize the balance of the regulatory asset account over a period of 5 years beginning with the effective date of Northwest’s new rates in the first Post-Moratorium NGA Section 4 or 5 general rate case filing or pre-filing settlement.

Section 6.3

If the current U.S. federal income tax rate applicable to corporations of 35 percent should decrease or increase for any taxable period during the Settlement Term, then the terms and provisions of this Article VI shall continue in effect beyond the Settlement Term until the applicable five-year amortization period is complete.

---

\(^5\) Any fraction of a percent shall be rounded to the nearest one-tenth percent and the difference between the dollar amounts reflected in Appendix E shall be interpolated accordingly.

\(^6\) The “Moratorium” is defined in Section 12.1. The phrase “Post-Moratorium” means an action having an effective date any time on or after October 2, 2018.

\(^7\) Any fraction of a percent shall be rounded to the nearest one-tenth percent and the difference between the dollar amounts reflected in Appendix E shall be interpolated accordingly.
ARTICLE VII
POST-RETIREMENT BENEFITS OTHER THAN PENSIONS

Article VI of the 2012 Settlement addresses the ongoing treatment of Post-Retirement Benefits Other than Pensions (“PBOP”). Section 6.7 of Article VI of the 2012 Settlement provides that, “With the exception of Section 6.1, the terms and provisions of this Article VI shall continue in effect beyond the Settlement Term until the Commission, in response to any party carrying the burden of persuasion, determines to modify or change the terms and provisions relating to PBOPs as set forth herein.” Section 6.1 sets forth the amount of the regulatory liability that existed at that time, which has now been updated to be $30,586,547 as of December 31, 2016, in FERC Account No. 254.

ARTICLE VIII
SETTLEMENT RATES

The Settlement Rates shown in Appendix B shall become effective January 1, 2018, and remain in effect through September 30, 2018. The Settlement Rates shown in Appendix C shall become effective October 1, 2018, and remain in effect through the remainder of the Settlement Term. The Settlement Rates are computed consistent with the terms of this Settlement and are reflected as daily rates on the pro forma tariff sheets submitted herewith in Appendix F. This Settlement becoming effective in accordance with Article XI shall constitute the Commission authority necessary for Northwest to place into effect final tariff sheets reflecting the Settlement Rates.

ARTICLE IX
COMMENTS OF SETTLING PARTIES

Settling Parties agree that, to the extent that any comments are filed by a Settling Party with the Commission in response to the submission of this Settlement, such comments will not be in opposition to any provision of this Settlement.

---

8 To be consistent with the “Gas Day” defined in Northwest’s Tariff, the Settlement Rates will become effective at 8:00 a.m. Mountain Standard Time.
ARTICLE X
CONTESTED SETTLEMENT PROCEDURES

Parties who contest one or more provisions of this Settlement will be deemed to oppose this Settlement and shall be known as “Contesting Parties.” To the extent this Settlement is approved by the Commission, this Settlement shall become effective as to the Settling Parties (subject to their rights described in Article XI) notwithstanding the objections of Contesting Parties. As to any Contesting Party excluded from the terms of this Settlement pursuant to this Article X, Northwest will file an NGA Section 4 general rate case by no later than June 30, 2017, consistent with the 2017 Rate Filing requirement, and may submit additional NGA Section 4 general rate case filings affecting the Contesting Parties at any time thereafter. Northwest will have the same rights as to the Contesting Parties in such Section 4 proceeding(s) as it would have had absent this Settlement. Contesting Parties shall not have any rights or obligations under this Settlement. Except as otherwise expressly provided in this Settlement, any Commission order during the Settlement Term related to any NGA Section 4 or 5 general rate case filing shall only become effective as to Contesting Parties. Further, no rate, surcharge, or allocation of costs applicable to any Settling Party shall be modified as a result of the election of any other party to become a Contesting Party.

ARTICLE XI
EFFECTIVENESS AND TERM

Section 11.1

If the Commission issues an order approving this Settlement without modification or condition, then: (a) the Settling Parties waive any and all rights to file requests for rehearing, clarification and/or reconsideration of such an order and (b) this Settlement shall become effective on the date that such an order becomes a “Final Order.”⁹ If the Commission issues an order approving this Settlement subject to

⁹ A “Final Order” means an order by the Commission for which no request for rehearing or petition for review or certiorari is pending and for which the statutory time period within which to seek rehearing, review or certiorari has expired.
modification or condition, then this Settlement shall become effective on the date that such an order becomes a Final Order, subject to the rights of the Settling Parties enumerated in this Article XI.

Section 11.2

If the Commission issues an order approving this Settlement subject to modification or condition, then within seven (7) calendar days of the date of such an order, the Settling Parties will initiate a good-faith meet-and-confer process to: (a) determine whether the Commission-imposed modification or condition can be accepted by all Settling Parties, or, if not, then (b) make such mutually agreeable changes to this Settlement as are necessary so it is acceptable to all the Settling Parties. If within fourteen (14) calendar days of the date of such an order the Settling Parties are unable to mutually agree as provided for in (a) or (b) in the preceding sentence, then the obligation to meet and confer in good faith shall cease and the Settling Parties may pursue their rights set forth in Sections 11.3, 11.4, 11.5 and 11.6.

Section 11.3

If the Commission issues an order approving this Settlement subject to modification or condition, then within twenty-one (21) calendar days of the issuance of such an order and following the good faith efforts prescribed in Section 11.2, Northwest shall provide written notice to the Commission and all parties in this proceeding stating whether it will withdraw this Settlement and, if it does not withdraw this Settlement, whether it will seek rehearing of such order. Failure to provide such notice shall be deemed Northwest’s election not to withdraw this Settlement, but shall not prevent Northwest from seeking rehearing. If Northwest does not withdraw this Settlement, then this Settlement shall remain in effect with the modification or condition required by the Commission, subject to the outcome of any request for rehearing. If Northwest elects to file a request for rehearing, it must be consistent with the terms of this Settlement and no other Settling Party shall oppose such a request for rehearing.\textsuperscript{10} Within

\textsuperscript{10} However, another Settling Party may challenge whether Northwest’s request for rehearing is, in fact, consistent with the terms of this Settlement.
seven (7) calendar days of a Final Order denying any request for rehearing that is consistent with this Settlement, Northwest shall have the option to withdraw this Settlement by providing written notice of withdrawal of this Settlement to the Commission and all parties in this proceeding.

Section 11.4

If the Commission issues an order approving this Settlement subject to modification or condition, then within twenty-one (21) calendar days of the issuance of such an order and following the good faith efforts prescribed in Section 11.2, each Settling Party that no longer supports the settlement, other than Northwest shall provide written notice to the Commission and all parties in this proceeding stating it will no longer continue participating in this Settlement. Failure to provide such notice shall be deemed such Settling Party’s election to continue its participation in this Settlement, but shall not prevent such Settling Party from seeking rehearing. If such Settling Party continues participating in this Settlement, then such Settling Party shall be bound by this Settlement as modified or conditioned by the Commission, subject to the outcome of any request for rehearing. If such Settling Party elects to file a request for rehearing, it must be consistent with the terms of this Settlement and no other Settling Party will oppose such request for rehearing.\textsuperscript{11} Within seven (7) calendar days of a Final Order denying any request for rehearing that is consistent with this Settlement, any Settling Party other than Northwest shall have the option to cease participating in this Settlement by providing written notice of withdrawal from participation in this Settlement to the Commission and all parties in this proceeding.

Section 11.5

If a Settling Party other than Northwest provides notice in compliance with Section 11.4 that it no longer wishes to participate in this Settlement, then such Settling Party shall cease to be a Settling Party and shall be deemed to be a Contesting Party as of the date of such notice. Within seven (7) calendar days of receipt of a notice that any Settling Party other than Northwest elects to become a

\textsuperscript{11} However, another Settling Party may challenge whether such Settling Party’s request for rehearing is, in fact, consistent with the terms of this Settlement.
Contesting Party, Northwest shall have the option, but not the obligation, to withdraw this Settlement by providing written notice of withdrawal of this Settlement to the Commission and all parties in this proceeding.

Section 11.6

If Northwest withdraws this Settlement in compliance with this Article XI or this Settlement is otherwise rejected in its entirety in a Final Order, then all Settling Parties’ rights, obligations and commitments under this Settlement are deemed null and void, and all Settling Parties are returned to the status quo ante.

Section 11.7

The term of this Settlement shall begin on the effective date determined in accordance with this Article XI and shall end the day before Northwest’s new rates become effective pursuant to the first Post-Moratorium NGA Section 4 or 5 general rate case filing or pre-filing settlement ("Settlement Term").

ARTICLE XII
MORATORIUM AND MANDATORY FILING REQUIREMENT

Section 12.1

This Settlement establishes a moratorium on any Settling Party proposing any NGA Section 4 or 5 changes to the levels of Northwest’s general rates or other matters specifically addressed and resolved by this Settlement that would seek to place such new rates or changes into effect as among the Settling Parties any earlier than October 2, 2018 ("Moratorium"). The Moratorium will not preclude Northwest from making other filings at FERC that do not conflict with or change the provisions of this Settlement such as: requests for authorization to construct and operate new facilities; requests to provide new services not covered by this Settlement; requests for incremental, maximum recourse and/or other rates and/or rate schedules associated with such new facilities or new services; requests for new or modified

12 However, there are certain provisions of this Settlement that will by their express terms survive beyond the end of the Settlement Term.
terms or conditions of service; entering into discounted rate agreements; entering into negotiated rate agreements; or other tariff changes that do not change the provisions of this Settlement, including, but not limited to, adjustments for fuel, rate adjustments for the recovery of surcharges for items such as the Commission’s Annual Charge Adjustment and contributions to the Gas Technology Institute, or compliance tariff changes required under this Settlement or by the Commission.

Section 12.2

Neither Northwest nor any other Settling Party shall be precluded from seeking enforcement of the terms of this Settlement.

Section 12.3

To the extent that the Commission considers any change to the provisions of this Settlement during the Moratorium, the standard of review for any changes to this Settlement proposed by a Settling Party shall be the Mobile-Sierra “public interest” standard.13 The standard of review for changes proposed by a non-Settling Party or the Commission, acting sua sponte, shall be the ordinary “just and reasonable” standard.14

Section 12.4

Northwest will file an NGA Section 4 general rate case at FERC for rates to become effective not later than January 1, 2023, unless: (a) Northwest has entered into a pre-filing settlement or (b) a Post-Moratorium NGA Section 5 general rate case has been filed on or before January 1, 2023, regarding Northwest’s rates.

---


14 See Morgan Stanley, 554 U.S. at 535.
ARTICLE XIII
RESERVATIONS

Section 13.1

The various provisions of this Settlement are not severable. If this Settlement does not become effective in accordance with Article XI, then it shall be privileged, and all discussions held and materials provided by any party in reaching this Settlement shall be treated as if it were subject to Rule 602 of the Commission’s Rules of Practice and Procedure, 18 C.F.R §385.602 (2016), regardless of whether Rule 602 applies. The provisions of this Settlement relate only to the specific matters resolved by this Settlement and no Settling Party waives any claim or right which it otherwise may have with respect to any matters not expressly provided for in this Settlement.

Section 13.2

The Commission’s approval of this Settlement shall constitute a finding that the Settlement is fair and reasonable and in the public interest, but shall not constitute a determination on the merits of the specific provisions of this Settlement. The Commission’s approval of this Settlement shall not constitute Commission precedent regarding any principle or issue. The methods or practices observed in deriving rates and the presence or absence of methods of establishing rates as referenced in this Settlement shall not be used to prejudice any otherwise available rights or arguments of any participant in a future proceeding, other than to enforce the terms of this Settlement or collect rates due for the service provided while this Settlement remains in effect, and shall not be used as evidence that a particular method is a “long-standing practice” as that term is used in Columbia Gas Transmission Corp. v. FERC, 628 F.2d 578 (D.C. Cir. 1979), or a “settled practice” as that term is used in Public Service Commission of New York v. FERC, 642 F.2d 1335 (D.C. Cir. 1980).

Section 13.3

No party shall be deemed the drafter of this Settlement, and this Settlement shall not be construed against any party as the drafter.
This Settlement shall be interpreted in accordance with and governed by the laws of the State of Utah, without regard to its conflicts of laws principles.

ARTICLE XIV
POTENTIAL TIMING ISSUES

Section 14.1

If the Settlement approval process is not completed\textsuperscript{15} before June 30, 2017, then Northwest will file an NGA Section 4 general rate case to satisfy the 2017 Rate Filing requirement. The other Settling Parties shall have the right to respond to such filing without limitation or restriction. If the Settlement approval process is completed after June 30, 2017, but before January 1, 2018, then Northwest will withdraw the 2017 Rate Filing as to the other Settling Parties. If the Settlement approval process is completed on, or after January 1, 2018, then Northwest will withdraw the 2017 Rate Filing as to the other Settling Parties and refunds and surcharges will be addressed in accordance with Section 14.2.

Section 14.2

If the Settlement approval process is completed by January 1, 2018, then no refund or surcharge will be due any Settling Party. If the Settlement approval process is completed after January 1, 2018, then any refunds and surcharges resulting from the 2017 Rate Filing will be assessed so as to place the Settling Parties in the same position as if the Settlement approval process had been completed by January 1, 2018.

ARTICLE XV
NO RECENT RATE REVIEW

This Settlement does not constitute a recent rate review under the Commission’s \textit{Policy Statement on Cost Recovery Mechanisms for Modernization of Natural Gas Facilities}, 151 FERC ¶.

\textsuperscript{15} Completion of the Settlement approval process means a Final Order by the Commission from which: (a) Northwest has no remaining right to withdraw pursuant to Sections 11.3 or 11.5 (if applicable) and (b) no other Settling Party has a remaining right to cease its participation pursuant to Section 11.4 (if applicable).
This Article XV shall not preclude Northwest from requesting Commission approval of a cost recovery mechanism pursuant to the Policy Statement that would take effect after the Moratorium.

DATED this 23rd day of January, 2017.

Respectfully submitted

NORTHWEST PIPELINE LLC

Laren Gertsch
Director, Rates & Tariffs
Northwest Pipeline LLC
295 Chipeta Way
P.O. Box 58900
Salt Lake City, Utah 84158-0900
(801) 584-7200
(801) 584-7764 (facsimile)
Laren.Gertsch@Williams.com

Bruce Reemsnyder
Senior Counsel
Northwest Pipeline LLC
295 Chipeta Way
P.O. Box 58900
Salt Lake City, Utah 84158-0900
(801) 584-6742
(801) 584-7862 (facsimile)
Bruce.Reemsnyder@Williams.com
Appendix A  Settling Parties

Appendix B  Summary of Daily Settlement Rates Exclusive of Surcharges Effective January 1, 2018, through September 30, 2018

Appendix C  Summary of Daily Settlement Rates Exclusive of Surcharges effective October 1, 2018

Appendix D  Summary of Depreciation, Amortization and Net Negative Salvage Rates

Appendix E  Regulatory Asset or Liability Related to Change in U.S. Federal Corporate Income Tax Rate

Appendix F  *Pro Forma* Tariff Sheets
CERTIFICATE OF SERVICE

I hereby certify that I have this day served the foregoing Petition for Approval of Settlement and Stipulation and Settlement Agreement on each of Northwest Pipeline LLC’s shippers and affected state regulatory commissions.

Dated this 23rd day of January, 2017.

Bruce Reemsnyder
Senior Counsel
Northwest Pipeline LLC
295 Chipeta Way
P.O. Box 58900
Salt Lake City, Utah 84158-0900
(801) 584-6742
(801) 584-7862 (facsimile)
Bruce.Reemsnyder@Williams.com
<table>
<thead>
<tr>
<th>Line</th>
<th>Federal Income Tax Rate 1/</th>
<th>Change From 35% Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td>(b)</td>
<td>(c)</td>
</tr>
<tr>
<td>1</td>
<td>Rate Increases</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>36%</td>
<td>2,079,044</td>
</tr>
<tr>
<td>3</td>
<td>37%</td>
<td>4,224,089</td>
</tr>
<tr>
<td>4</td>
<td>38%</td>
<td>6,438,329</td>
</tr>
<tr>
<td>5</td>
<td>39%</td>
<td>8,725,167</td>
</tr>
<tr>
<td>6</td>
<td>40%</td>
<td>11,088,233</td>
</tr>
<tr>
<td>7</td>
<td>41%</td>
<td>13,531,403</td>
</tr>
<tr>
<td>8</td>
<td>42%</td>
<td>16,058,820</td>
</tr>
<tr>
<td>9</td>
<td>43%</td>
<td>18,674,919</td>
</tr>
<tr>
<td>10</td>
<td>44%</td>
<td>21,384,450</td>
</tr>
<tr>
<td>11</td>
<td>45%</td>
<td>24,192,509</td>
</tr>
<tr>
<td>12</td>
<td>46%</td>
<td>27,104,570</td>
</tr>
<tr>
<td>13</td>
<td>47%</td>
<td>30,126,520</td>
</tr>
<tr>
<td>14</td>
<td>48%</td>
<td>33,264,699</td>
</tr>
<tr>
<td>15</td>
<td>49%</td>
<td>36,525,944</td>
</tr>
<tr>
<td>16</td>
<td>50%</td>
<td>39,917,639</td>
</tr>
<tr>
<td>17</td>
<td>51%</td>
<td>43,447,770</td>
</tr>
<tr>
<td>18</td>
<td>52%</td>
<td>47,124,991</td>
</tr>
<tr>
<td>19</td>
<td>53%</td>
<td>50,958,688</td>
</tr>
<tr>
<td>20</td>
<td>54%</td>
<td>54,959,068</td>
</tr>
<tr>
<td>21</td>
<td>55%</td>
<td>59,137,243</td>
</tr>
<tr>
<td>22</td>
<td>56%</td>
<td>63,505,335</td>
</tr>
<tr>
<td>23</td>
<td>57%</td>
<td>68,076,594</td>
</tr>
<tr>
<td>24</td>
<td>58%</td>
<td>72,865,532</td>
</tr>
<tr>
<td>25</td>
<td>59%</td>
<td>77,888,076</td>
</tr>
<tr>
<td>26</td>
<td>60%</td>
<td>83,161,748</td>
</tr>
<tr>
<td>27</td>
<td>61%</td>
<td>88,705,865</td>
</tr>
<tr>
<td>28</td>
<td>62%</td>
<td>94,541,777</td>
</tr>
<tr>
<td>29</td>
<td>63%</td>
<td>100,693,144</td>
</tr>
<tr>
<td>30</td>
<td>64%</td>
<td>107,186,253</td>
</tr>
<tr>
<td>31</td>
<td>65%</td>
<td>114,050,398</td>
</tr>
<tr>
<td>32</td>
<td>66%</td>
<td>121,319,315</td>
</tr>
<tr>
<td>33</td>
<td>67%</td>
<td>129,026,712</td>
</tr>
<tr>
<td>34</td>
<td>68%</td>
<td>137,216,885</td>
</tr>
<tr>
<td>35</td>
<td>69%</td>
<td>145,935,455</td>
</tr>
<tr>
<td>36</td>
<td>70%</td>
<td>155,235,263</td>
</tr>
</tbody>
</table>

1/ Any fraction of a percent shall be rounded to the nearest one-tenth percent and the difference between the dollar amounts reflected above shall be interpolated accordingly.
### Federal Income Change From Line Tax Rate 1/35% Rate

<table>
<thead>
<tr>
<th>Line</th>
<th>Rate Reductions</th>
<th>(a)</th>
<th>(b)</th>
<th>(c)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rate Reductions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>34%</td>
<td></td>
<td>(2,016,042)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>33%</td>
<td></td>
<td>(3,971,904)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>32%</td>
<td></td>
<td>(5,870,241)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>31%</td>
<td></td>
<td>(7,713,553)</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>30%</td>
<td></td>
<td>(9,504,200)</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>29%</td>
<td></td>
<td>(11,244,405)</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>28%</td>
<td></td>
<td>(12,936,272)</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>27%</td>
<td></td>
<td>(14,581,786)</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>26%</td>
<td></td>
<td>(16,182,827)</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>25%</td>
<td></td>
<td>(17,741,173)</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>24%</td>
<td></td>
<td>(19,258,510)</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>23%</td>
<td></td>
<td>(20,736,436)</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>22%</td>
<td></td>
<td>(22,176,466)</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>21%</td>
<td></td>
<td>(23,580,040)</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>20%</td>
<td></td>
<td>(24,948,524)</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>19%</td>
<td></td>
<td>(26,283,219)</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>18%</td>
<td></td>
<td>(27,585,360)</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>17%</td>
<td></td>
<td>(28,856,125)</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>16%</td>
<td></td>
<td>(30,096,633)</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>15%</td>
<td></td>
<td>(31,307,952)</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>14%</td>
<td></td>
<td>(32,491,102)</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>13%</td>
<td></td>
<td>(33,647,052)</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>12%</td>
<td></td>
<td>(34,776,731)</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>11%</td>
<td></td>
<td>(35,881,024)</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>10%</td>
<td></td>
<td>(36,960,777)</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>9%</td>
<td></td>
<td>(38,016,799)</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>8%</td>
<td></td>
<td>(39,049,864)</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>7%</td>
<td></td>
<td>(40,060,713)</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>6%</td>
<td></td>
<td>(41,050,054)</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>5%</td>
<td></td>
<td>(42,018,568)</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>4%</td>
<td></td>
<td>(42,966,903)</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>3%</td>
<td></td>
<td>(43,895,686)</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>2%</td>
<td></td>
<td>(44,805,513)</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>1%</td>
<td></td>
<td>(45,696,961)</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>0%</td>
<td></td>
<td>(46,570,579)</td>
<td></td>
</tr>
</tbody>
</table>

1/ Any fraction of a percent shall be rounded to the nearest one-tenth percent and the difference between the dollar amounts reflected above shall be interpolated accordingly.